

## **IMPORTANT NOTICE**

The following document is NOT comprehensive for design, bidding, or installation when used in isolation. Please refer to all related documents in their entirety for complete information regarding this ACM panel system. Such documents include, but may not be limited to, Technical Guides, Architectural Color Chart, Approved Materials List, Systems Guides, Technical Bulletins, Technical Data Sheets, CAD Drawings, Specifications, and Submittals. Visit [LaminatorsInc.com](http://LaminatorsInc.com) for information on the latest documents regarding this panel system.

To consult directly with one of our Professional Engineers regarding our ACM panel systems, contact Laminators Technical Support between the hours of 8:00am – 5:00pm EST:

800.523.2347

[LaminatorsInc.com](http://LaminatorsInc.com)

[engineering@laminatorsinc.com](mailto:engineering@laminatorsinc.com)

## INSTRUCTIONS FOR NFPA 285 COMPLIANCE

With respect to fire performance, note the following when detailing the 1-Piece, Tight-Fit Molding Installation System with Back Drained & Ventilated (BD&V) Sub-Framing over gypsum (non-structural) sheathing:

1. The following document represents the referenced system as it has been designed, detailed, and tested and its relationship with a typical exterior wall assembly. As such, the document may be considered a baseline for the system and appropriately applied to project-specific conditions.
  - a. The following document includes a partial elevation that outlines the NFPA 285 Zone and related dimensions, notes, and sections. In order to maintain NFPA 285 compliance, refer to the specialized detailing required in the NFPA 285 Zone and at window heads.
2. Through the use of a specific Engineering Evaluation (EEV) available from Laminators, engineering extensions may be made (in lieu of what has been tested) with respect to base wall framing, fire-stopping at floor lines, cavity insulation, and water-resistive barrier (WRB) components while maintaining NFPA 285 compliance. The EEV may be required for submission to the Authority Having Jurisdiction (AHJ) to support the extensions.
3. If one or more engineering extensions are required beyond what is provided in the EEV available from Laminators, it is the responsibility of a third-party to pursue obtaining a separate EEV that adequately addresses each intended substitution. Note that Laminators cannot serve as the third-party in efforts to obtain such an EEV.

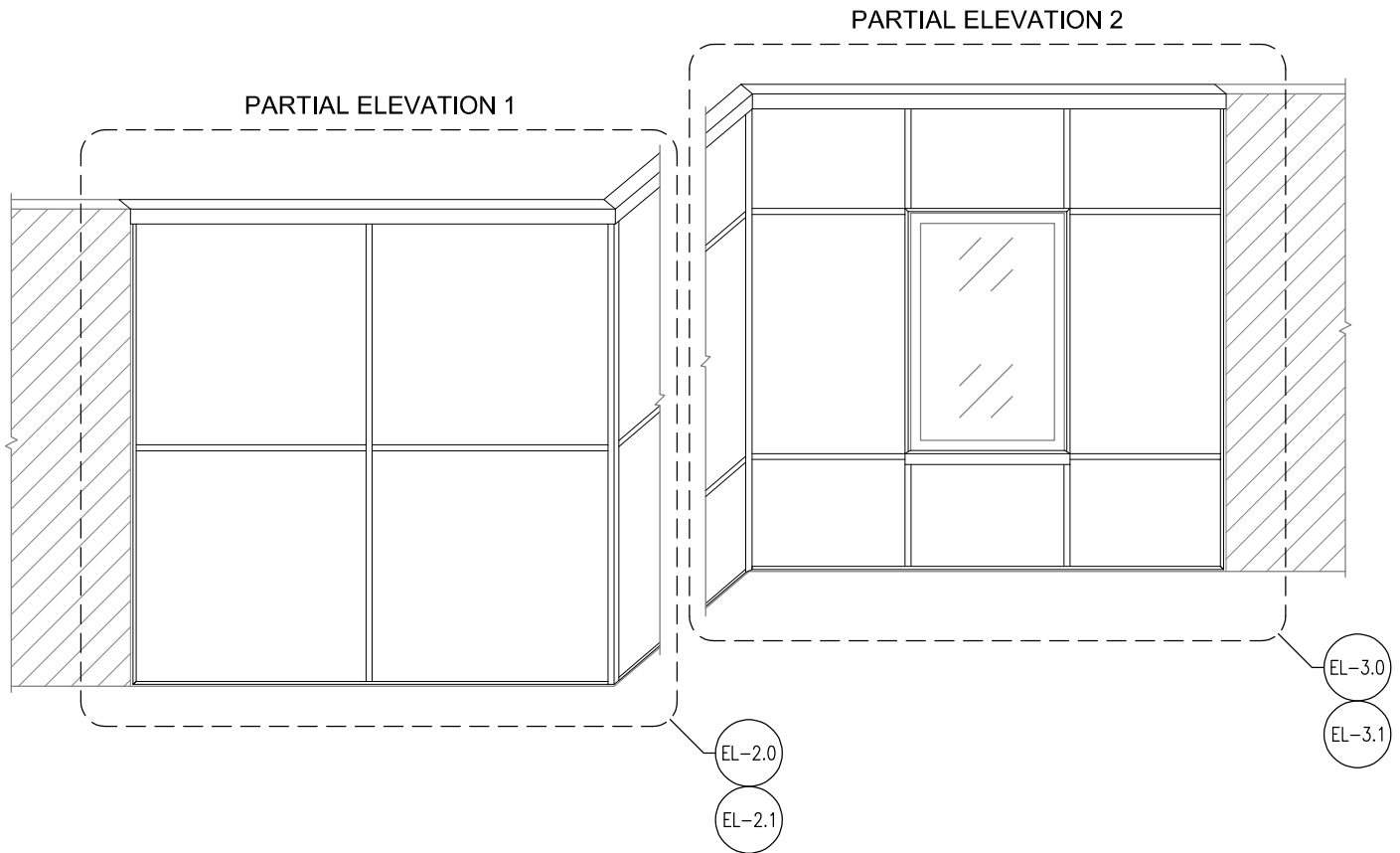
Note that the application of any engineering extension for NFPA 285 compliance will need to be evaluated by the Design Professional of Record (DPR) with respect to potential impact on any air, structural, and water performance of the project-specific exterior wall assembly. It is possible that components substituted to achieve fire testing compliance will affect the assembly differently with respect to air, structural, and water performance and need to be coordinated.

If the 1-Piece, Tight-Fit Molding Installation System with Back Drained & Ventilated (BD&V) Sub-Framing is intended to be installed over a different substrate (e.g. Omega CI rigid insulation panels, CMU, or concrete), please defer to the appropriate detail set. For installations over fire-retardant-treated wood (FRTW) structural sheathing (panels), please defer to the Omega CI detail set.

DRAWING INDEX – 1P-BDV-GYP DETAIL SET (Rev 08, 03/21/2023)

DWG NO.	TITLE	REV DATE	REV	CHANGE FROM PREVIOUS REV
EL-1.0	Overall Panel System Elevation	1/26/2021	06	
EL-2.0	BD&V Sub-Framing Layout (Partial Elevation 1)	3/21/2023	05	Revised AH & EJ members added
EL-2.1	System Component Layout (Partial Elevation 1)	3/21/2023	04	Revised AH & EJ members added
EL-3.0	BD&V Sub-Framing Layout (Partial Elevation 2)	3/21/2023	05	Revised AH & EJ members added
EL-3.1	System Component Layout (Partial Elevation 2)	3/21/2023	04	Revised AH & EJ members added
EL-4.0	NFPA 285 Compliance Detailing Requirements	3/21/2023	02	Revised AH & EJ members added
S-1.1	Horizontal Joint Detail (H-Molding)	5/1/2019	01	
S-1.2	Horizontal Joint Detail (Reveal H-Molding)	3/18/2022	02	
S-1.3	Vertical Joint Detail (H-Molding)	5/1/2019	01	
S-1.4	Vertical Joint Detail (Reveal H-Molding)	5/1/2019	01	
S-2	Intermediate Panel Support Detail	3/21/2023	02	Revised AH & EJ members added
S-3.1	Left Vertical Edge Detail (Adjacent to New)	5/1/2019	01	
S-3.2	Left Vertical Edge Detail (Adjacent to Existing)	5/1/2019	01	
S-4.1	Top of Wall Detail	3/21/2023	02	Revised AH & EJ members added
S-4.2	Top of Wall Detail w/ Termination Z-Molding	3/21/2023	02	Revised AH & EJ members added
S-5	Base of Wall Detail	3/21/2023	02	Revised AH & EJ members added
S-6.1	Outside Corner Detail (Molding Option)	3/10/2020	02	
S-6.2	Outside Corner Detail (Fabricated Option)	3/10/2020	02	
S-7.1	Inside Corner Detail (Molding Option)	3/10/2020	02	
S-7.2	Inside Corner Detail (Fabricated Option)	3/10/2020	02	
S-8.1	Window Head Detail	3/21/2023	01	Revised AH & EJ members added
S-8.2	Window Head Detail (NFPA 285 Zone)	3/21/2023	01	Revised AH & EJ members added
S-9.1	Window Sill Detail	3/21/2023	02	Revised AH & EJ members added
S-9.2	Window Sill Detail w/ Termination Z-Molding	3/21/2023	02	Revised AH & EJ members added
S-10.1	Window Jamb Detail	5/1/2019	01	
S-10.2	Window Jamb Detail w/ Term Z-Molding	5/1/2019	01	

DWG NO.	TITLE	REV DATE	REV	CHANGE FROM PREVIOUS REV
S-11.1	Right Vertical Edge Detail (Adjacent to New)	5/1/2019	01	
S-11.2	Right Vertical Edge Detail w/ Term Z (Adj. to New)	5/1/2019	01	
S-11.3	Right Vertical Edge Detail (Adjacent to Existing)	5/1/2019	01	
S-11.4	Right Vertical Edge Detail w/ Term Z (Adj. to Existing)	5/1/2019	01	
S-12.1	Fascia-to-Soffit Transition Detail (Molding Option)	3/21/2023	02	Revised AH & EJ members added
S-12.2	Fascia-to-Soffit Transition Detail (Fabricated Option)	3/21/2023	03	Revised AH & EJ members added
S-13.1	Soffit-to-Wall Transition Detail (Molding Option)	3/21/2023	02	Revised AH & EJ members added
S-13.2	Soffit-to-Wall Transition Detail (Term Z-Molding)	3/21/2023	02	Revised AH & EJ members added
S-13.3	Soffit-to-Wall Transition Detail (Fabricated Option)	3/21/2023	03	Revised AH & EJ members added
M-1	Panel Sizing Guidelines	10/14/2019	01	
M-2	Soffit Vent Installation Requirements	5/1/2019	00	
M-3	BD&V Sub-Framing Member Profiles	3/21/2023	02	Revised AH & EJ members added
M-4	Molding Profiles	10/14/2019	01	
M-5.1	Panel Back Venting Requirements (NFPA 285) - 1 of 2	6/12/2019	00	
M-5.2	Panel Back Venting Requirements (NFPA 285) - 2 of 2	6/12/2019	00	



**OVERALL PANEL SYSTEM ELEVATION**

**SYSTEM INSTALLATION NOTES:**

1. REFER TO EL-2.0 & EL-3.0 FOR BD&V SUB-FRAMING LAYOUTS
2. REFER TO EL-2.1 & EL-3.1 FOR SYSTEM COMPONENT LAYOUTS
3. REFER TO S-12.1, S-12.2, S-13.1, S-13.2, & S-13.3 FOR SOFFIT DETAILS NOT REFERENCED FROM OVERALL PANEL SYSTEM ELEVATION
4. REFER TO M-1 FOR PANEL SIZING GUIDELINES
5. REFER TO M-3 FOR BD&V SUB-FRAMING MEMBER PROFILES
6. REFER TO M-4 FOR MOLDING PROFILES
7. REFER TO EL-2.0 FOR BD&V SUB-FRAMING LAYOUT TO BE USED FOR TYPICAL SOFFIT CONDITIONS

**IMPORTANT NOTICE**

PROJECT-SPECIFIC COMPONENTS AND CLADDING WIND LOADS (REQUIRED STRENGTH,  $R_o$ ) SHALL NOT EXCEED AVAILABLE LOAD-CARRYING CAPACITY OF SYSTEM (ALLOWABLE STRENGTH,  $R_n/\Omega$ )

- A. PROJECT-SPECIFIC COMPONENTS AND CLADDING WIND LOADS (REFERRED TO AS WIND LOADS IN EL-2.0, 2.1, 3.0, & 3.1) ARE TO BE DETERMINED BY THE DESIGN PROFESSIONAL OF RECORD
- B. AVAILABLE LOAD-CARRYING CAPACITY OF SYSTEM (UP TO 60 PSF) IS BASED ON ALLOWABLE STRENGTH DESIGN (ASD) METHOD
- C. FOR PROJECT-SPECIFIC COMPONENTS AND CLADDING WIND LOADS GREATER THAN 60 PSF, CONTACT LAMINATORS TECHNICAL SUPPORT FOR PROJECT-SPECIFIC DETAILING REQUIREMENTS



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**OVERALL PANEL SYSTEM ELEVATION**

**1-PIECE, TIGHT-FIT MOLDING INSTALLATION SYSTEM  
WITH BD&V SUB-FRAMING OVER GYPSUM SHEATHING**

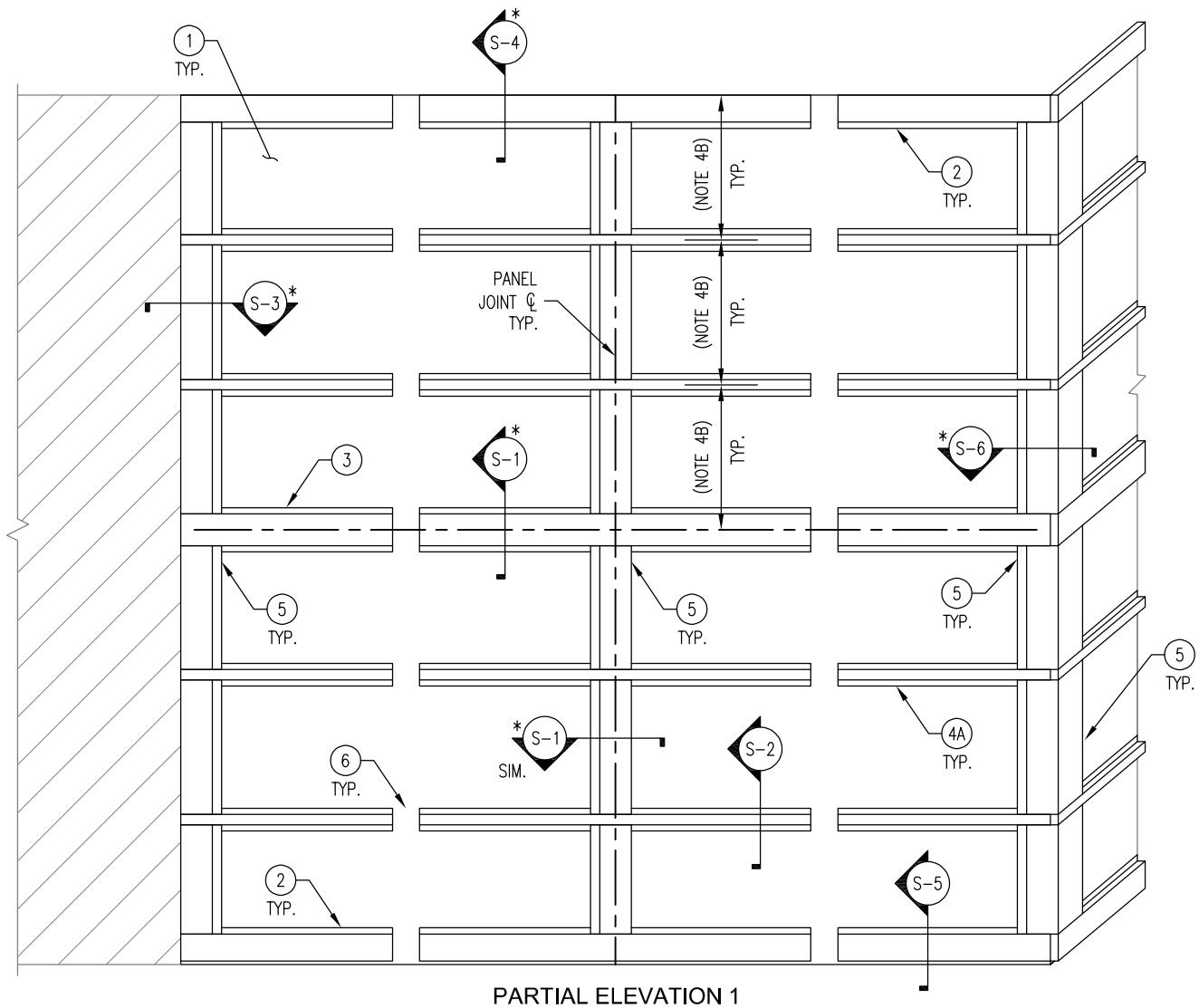
Date:  
1/26/2021

Drawn By:  
JUM

Detail Set:  
1P-BDV-GYP

Dwg. No.:  
EL-1.0

Rev:  
06



**PARTIAL ELEVATION 1**

**NOTES:**

- \* DENOTES SECTIONS WITH AT LEAST (2) CONFIGURATIONS AVAILABLE (EX. S-1.1, S-1.2, ETC)
- ① EXTERIOR-GRADE GYPSUM SHEATHING W/ AIR AND WATER BARRIER (AWB)
  - TYPE OF AWB TO BE SELECTED BY DESIGN PROFESSIONAL OF RECORD
- ② EJ SUB-FRAMING MEMBERS (PART NO. 48BDV-EJ)
  - HORIZONTAL EJ MEMBERS INSTALLED ALONG TOP AND BASE OF WALL
- ③ SH SUB-FRAMING MEMBERS (PART NO. 48BDV-SH)
  - HORIZONTAL SH MEMBERS INSTALLED ALONG CENTERLINE OF HORIZONTAL PANEL JOINT
- ④ AH SUB-FRAMING MEMBERS (PART NO. 48BDV-AH)
  - A. HORIZONTAL AH MEMBERS INSTALLED AS INTERMEDIATE PANEL SUPPORTS
  - B. SPACING OF AH MEMBERS TO BE BASED ON WIND LOADS:
    - i. UP TO 40 PSF (ASD): 24" O.C. (MAX)
    - ii. GREATER THAN 40 PSF (ASD), UP TO 60 PSF (ASD): 16" O.C. (MAX)
- ⑤ FV SUB-FRAMING MEMBERS (PART NO. 48BDV-FV)
  - VERTICAL FV MEMBERS INSTALLED ALONG LEFT VERTICAL EDGE, CENTERLINE OF VERTICAL PANEL JOINT, AND OUTSIDE CORNER

- ⑥ DRAINAGE GAPS MAINTAINED IN ALL HORIZONTAL MEMBERS:
  - FOR PANEL WIDTHS UP TO 48": PROVIDE (1) 3" GAP
  - GREATER THAN 48", UP TO 96": PROVIDE (3) 3" GAPS
  - GREATER THAN 96", UP TO 144": PROVIDE (4) 3" GAPS
 LOCATE DRAINAGE GAPS AT APPROXIMATE MID-POINT BETWEEN SUB-FRAMING MEMBER FASTENING LOCATIONS

**BD&V SUB-FRAMING MEMBER FASTENING REQUIREMENTS (BASED ON WIND LOADS):**

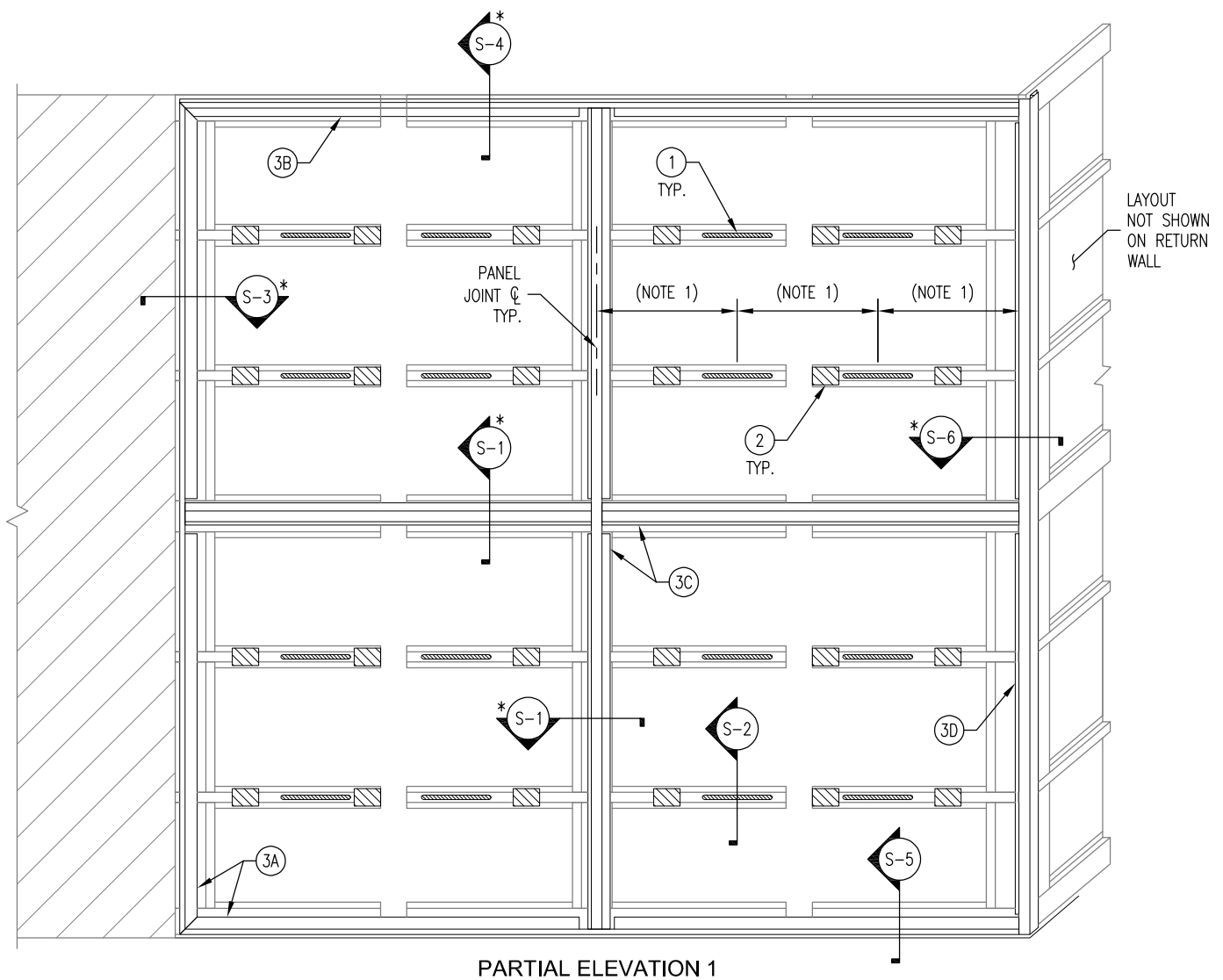
- UP TO 60 PSF (ASD):
  - A. FASTEN HORIZONTAL MEMBERS THROUGH GYPSUM SHEATHING TO STUD FRAMING BEHIND USING #10 X 1-1/2" HEX WASHER HEAD SELF-DRILLING SCREWS (PART NO. 48BDV-FASTENER-OCI/STEEL)
    - EJ MEMBERS: (1) SCREW AT 16" O.C. (MAX)
    - SH & AH MEMBERS: (2) SCREWS AT 16" O.C. (MAX); ONE SCREW PER FLANGE
  - B. FASTEN VERTICAL FV MEMBERS TO FLANGES OF HORIZONTAL MEMBERS USING #10 X 3/4" HEX WASHER HEAD SELF DRILLING SCREWS (PART NO. 48BDV-FASTENER-FV)
    - FV MEMBERS: (1) SCREW AT EACH END (2 TOTAL)



**BD&V SUB-FRAMING LAYOUT (PARTIAL ELEVATION 1)**

**1-PIECE, TIGHT-FIT MOLDING INSTALLATION SYSTEM WITH BD&V SUB-FRAMING OVER GYPSUM SHEATHING**

Date: 3/21/2023	Drawn By: JJM	Detail Set: 1P-BDV-GYP	Dwg. No.: EL-2.0	Rev: 05
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**PARTIAL ELEVATION 1**

**NOTES:**

\* DENOTES SECTIONS WITH AT LEAST (2) CONFIGURATIONS AVAILABLE (EX. S-1.1, S-1.2, ETC)

① 1/4" (MIN) TO 3/8" (MAX) BEAD OF LAMINATORS APPROVED PANEL ADHESIVE APPLIED TO FACE OF AH SUB-FRAMING MEMBERS IN 8" LENGTHS; SPACING OF ADHESIVE LOCATIONS TO BE BASED ON WIND LOADS:

- UP TO 60 PSF (ASD): 16" O.C. HORIZONTALLY (MAX) WITHIN FIELD OF PANEL

② 3" LONG STRIPS OF FOAM TAPE (PART NO. 12847) APPLIED TO FACE OF AH SUB-FRAMING MEMBERS CENTERED BETWEEN ADHESIVE LOCATIONS AND MOLDINGS

③ MOLDING LAYOUT SHOWN FOR PANEL INSTALLATION WITH VERTICAL PASS-THROUGH JOINTS; REFER TO SYSTEM GUIDE FOR MOLDING INTERSECTION OPTIONS, NOTCHING PROCEDURES, AND SEQUENCING:

- A. J-MOLDING (PART NO. 4515X) INSTALLED ALONG BASE OF WALL AND LEFT VERTICAL EDGE
- B. TERMINATION J-MOLDING (PART NO. 4565X) INSTALLED ALONG TOP OF WALL
- C. H-MOLDINGS (PART NO. 4505X) OR REVEAL H-MOLDINGS (PART NO. 4595X) INSTALLED ALONG HORIZONTAL AND VERTICAL PANEL JOINTS (H-MOLDINGS SHOWN)
- D. OUTSIDE CORNER MOLDING (PART NO. 4535X) INSTALLED ALONG OUTSIDE CORNER

**MOLDING FASTENING REQUIREMENTS (BASED ON WIND LOADS):**

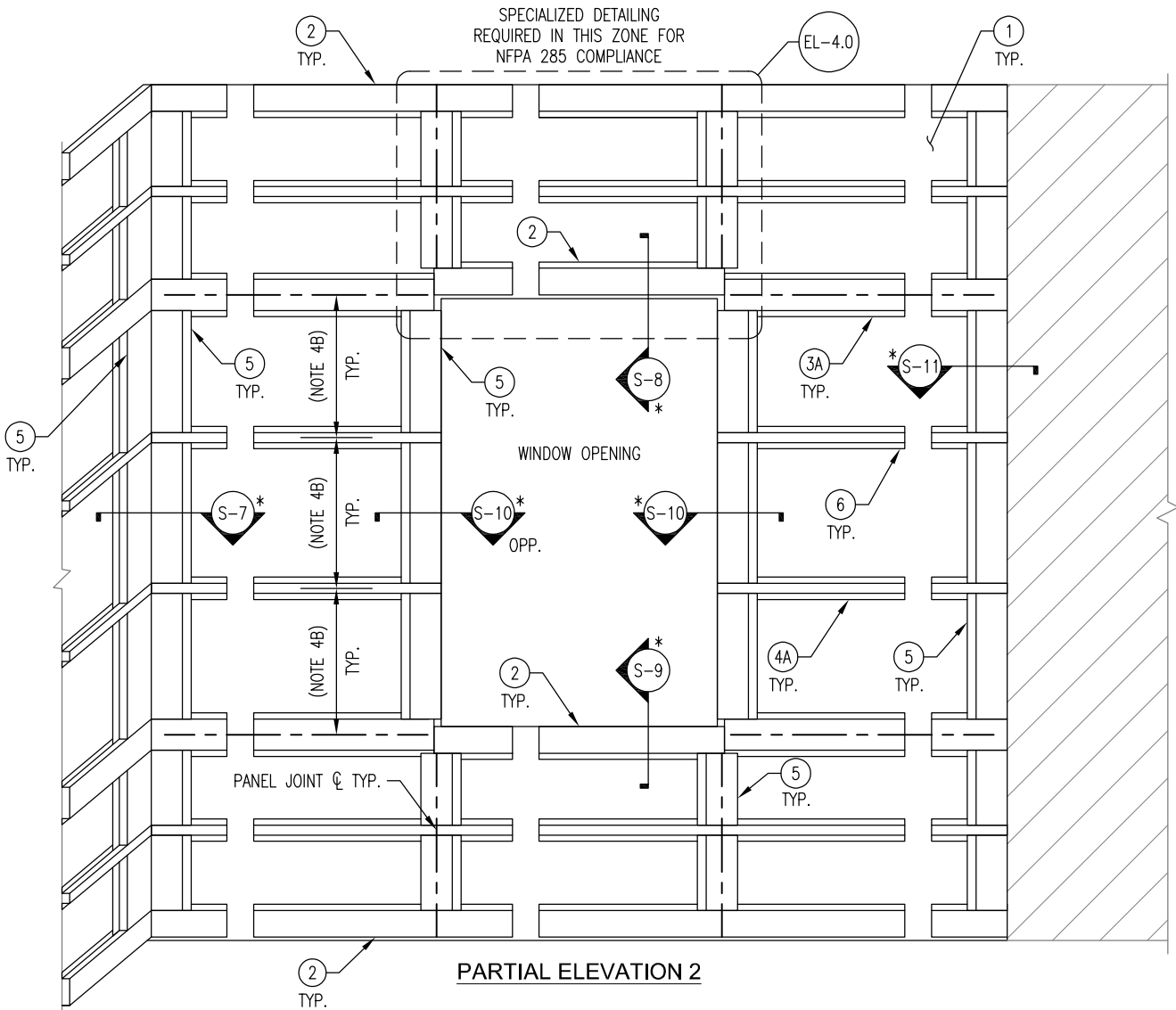
- UP TO 60 PSF (ASD): FASTEN MOLDINGS TO FACE OF SUB-FRAMING MEMBERS USING (1) #8 X 1/2" PHILLIPS MODIFIED TRUSS HEAD SELF-DRILLING SCREW (PART NO. 48BDV-FASTENER-MOLDINGS) AT 12" O.C. (MAX)
  - NOTE: PHILLIPS PAN HEAD SCREWS (PART NO. 48BDV-FASTENER-C&C) TO BE USED FOR FASTENING ALONG OUTER FLANGE OF TERMINATION J- AND Z-MOLDINGS



**SYSTEM COMPONENT LAYOUT (PARTIAL ELEVATION 1)**

**1-PIECE, TIGHT-FIT MOLDING INSTALLATION SYSTEM WITH BD&V SUB-FRAMING OVER GYPSUM SHEATHING**

Date: 3/21/2023	Drawn By: JJM	Detail Set: 1P-BDV-GYP	Dwg. No.: EL-2.1	Rev: 04
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**NOTES:**

DENOTES SECTIONS WITH AT LEAST (2) CONFIGURATIONS AVAILABLE  
(EX. S-1.1, S-1.2, ETC)

- (1) EXTERIOR-GRADE GYPSUM SHEATHING W/ AIR AND WATER BARRIER (AWB)
  - TYPE OF AWB TO BE SELECTED BY DESIGN PROFESSIONAL OF RECORD
- (2) EJ SUB-FRAMING MEMBERS (PART NO. 48BDV-EJ)
  - HORIZONTAL EJ MEMBERS INSTALLED ALONG WINDOW HEAD/SILL AND TOP/BASE OF WALL
- (3) SH SUB-FRAMING MEMBERS (PART NO. 48BDV-SH)
  - HORIZONTAL SH MEMBERS INSTALLED ALONG CENTERLINE OF HORIZONTAL PANEL JOINTS
- AH SUB-FRAMING MEMBERS (PART NO. 48BDV-AH)
  - A. HORIZONTAL AH MEMBERS INSTALLED AS INTERMEDIATE PANEL SUPPORTS
  - B. SPACING OF AH MEMBERS TO BE BASED ON WIND LOADS:
    - i. UP TO 40 PSF (ASD): 24" O.C. (MAX)
    - ii. GREATER THAN 40 PSF (ASD), UP TO 60 PSF (ASD): 16" O.C. (MAX)
- (4) FV SUB-FRAMING MEMBERS (PART NO. 48BDV-FV)
  - VERTICAL FV MEMBERS INSTALLED ALONG INSIDE CORNER, WINDOW JAMBS, RIGHT VERTICAL EDGE, AND CENTERLINE OF VERTICAL PANEL JOINTS

- (5) DRAINAGE GAPS MAINTAINED IN ALL HORIZONTAL MEMBERS:
  - FOR PANEL WIDTHS UP TO 48": PROVIDE (1) 3" GAP
  - GREATER THAN 48", UP TO 96": PROVIDE (3) 3" GAPS
  - GREATER THAN 96", UP TO 144": PROVIDE (4) 3" GAPS
 LOCATE DRAINAGE GAPS AT APPROXIMATE MID-POINT BETWEEN SUB-FRAMING MEMBER FASTENING LOCATIONS

**BD&V SUB-FRAMING MEMBER FASTENING REQUIREMENTS (BASED ON WIND LOADS):**

- UP TO 60 PSF (ASD):
  - A. FASTEN HORIZONTAL MEMBERS THROUGH GYPSUM SHEATHING TO STUD FRAMING BEHIND USING #10 X 1-1/2" HEX WASHER HEAD SELF-DRILLING SCREWS (PART NO. 48BDV-FASTENER-OCI/STEEL)
    - EJ MEMBERS: (1) SCREW AT 16" O.C. (MAX)
    - SH & AH MEMBERS: (2) SCREWS AT 16" O.C. (MAX); ONE SCREW PER FLANGE
  - B. FASTEN VERTICAL FV MEMBERS TO FLANGES OF HORIZONTAL MEMBERS USING #10 X 3/4" HEX WASHER HEAD SELF DRILLING SCREWS (PART NO. 48BDV-FASTENER-FV)
    - FV MEMBERS: (1) SCREW AT EACH END (2 TOTAL)

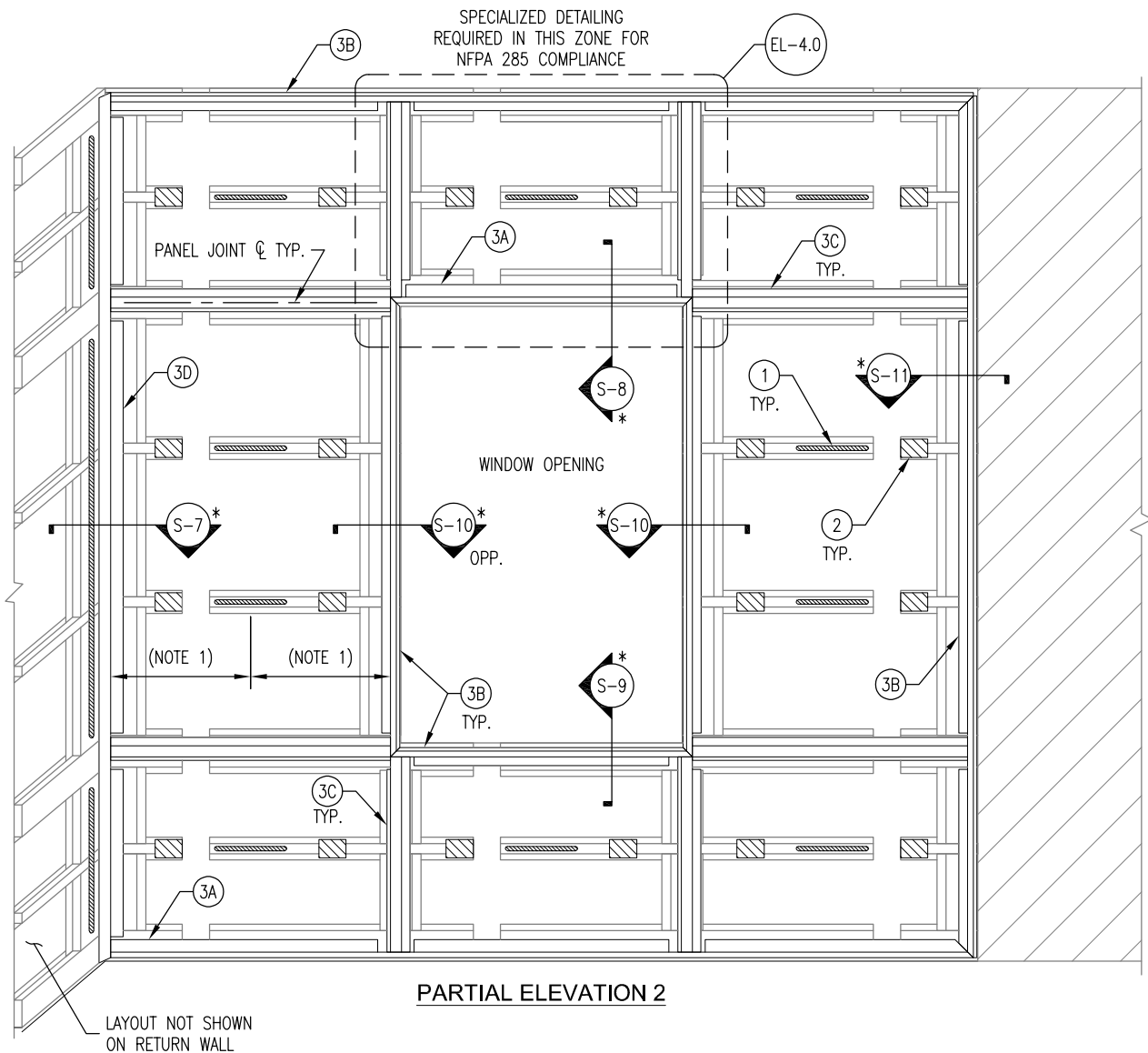


**BD&V SUB-FRAMING LAYOUT (PARTIAL ELEVATION 2)**

1-PIECE, TIGHT-FIT MOLDING INSTALLATION SYSTEM  
WITH BD&V SUB-FRAMING OVER GYPSUM SHEATHING

Date: 3/21/2023	Drawn By: JJM	Detail Set: 1P-BDV-GYP	Dwg. No.: EL-3.0	Rev: 05
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**NOTES:**

DENOTES SECTIONS WITH AT LEAST (2) CONFIGURATIONS AVAILABLE  
(EX. S-1.1, S-1.2, ETC)

- ① 1/4" (MIN) TO 3/8" (MAX) BEAD OF LAMINATORS APPROVED PANEL ADHESIVE APPLIED TO FACE OF AH SUB-FRAMING MEMBERS IN 8" LENGTHS; SPACING OF ADHESIVE LOCATIONS TO BE BASED ON WIND LOADS:
  - UP TO 60 PSF (ASD): 16" O.C. HORIZONTALLY (MAX) WITHIN FIELD OF PANEL
- ② 3" LONG STRIPS OF FOAM TAPE (PART NO. 12847) APPLIED TO FACE OF SH SUB-FRAMING MEMBERS CENTERED BETWEEN ADHESIVE LOCATIONS AND MOLDINGS

- ③ MOLDING LAYOUT SHOWN FOR PANEL INSTALLATION WITH VERTICAL PASS-THROUGH JOINTS; REFER TO INSTALLATION GUIDE FOR MOLDING INTERSECTION OPTIONS, NOTCHING PROCEDURES, AND SEQUENCING:
  - A. J-MOLDING (PART NO. 4515X) INSTALLED ALONG WINDOW HEAD AND BASE OF WALL
  - B. TERMINATION J-MOLDING (PART NO. 4565X) INSTALLED ALONG WINDOW SILL AND JAMBS, TOP OF WALL, AND RIGHT VERTICAL EDGE
  - C. H-MOLDINGS (PART NO. 4505X) OR REVEAL H-MOLDINGS (PART NO. 4595X) INSTALLED ALONG HORIZONTAL AND VERTICAL PANEL JOINTS (H-MOLDINGS SHOWN)
  - D. INSIDE CORNER MOLDING (PART NO. 4525X) INSTALLED ALONG INSIDE CORNER

**MOLDING FASTENING REQUIREMENTS (BASED ON WIND LOADS):**

- UP TO 60 PSF (ASD): FASTEN MOLDINGS TO FACE OF SUB-FRAMING MEMBERS USING (1) #8 X 1/2" PHILLIPS MODIFIED TRUSS HEAD SELF-DRILLING SCREW (PART NO. 48BDV-FASTENER-MOLDINGS) AT 12" O.C. (MAX)
  - NOTE: PHILLIPS PAN HEAD SCREWS (PART NO. 48BDV-FASTENER-C&C) TO BE USED FOR FASTENING ALONG OUTER FLANGE OF TERMINATION J- AND Z-MOLDINGS



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**SYSTEM COMPONENT LAYOUT (PARTIAL ELEVATION 2)**

1-PIECE, TIGHT-FIT MOLDING INSTALLATION SYSTEM  
WITH BD&V SUB-FRAMING OVER GYPSUM SHEATHING

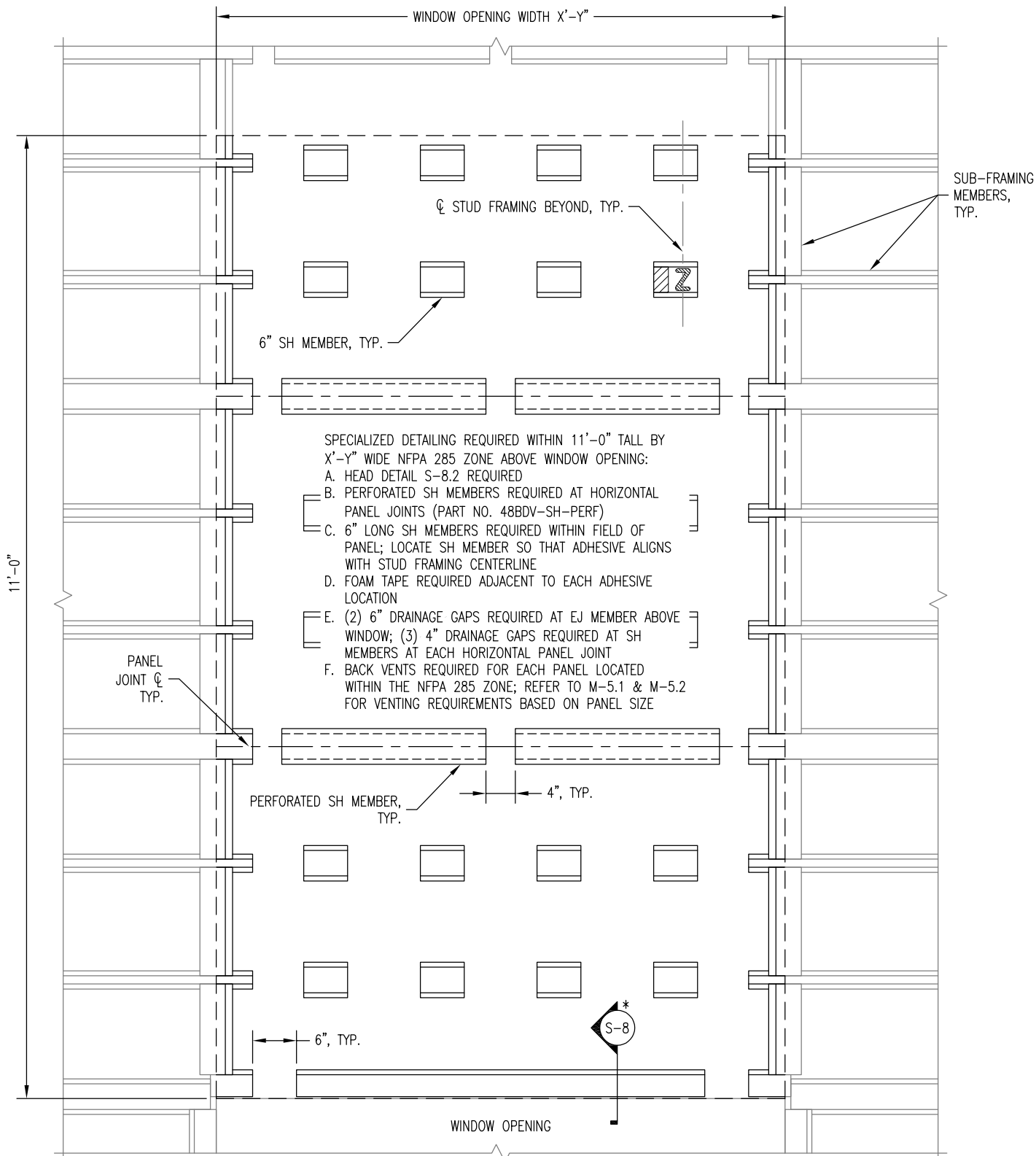
Date:  
3/21/2023

Drawn By:  
JJM

Detail Set:  
1P-BDV-GYP

Dwg. No.:  
EL-3.1

Rev:  
04



**DETAIL NOTES:**

1. REPRESENTATIVE ZONE ABOVE WINDOW ENLARGED FOR CLARITY FROM THAT SHOWN ON EL-3.0 & EL-3.1
2. ABOVE WINDOW OPENINGS, VERTICAL PANEL JOINTS ARE TO BE ALIGNED WITH JAMBS OR MULLIONS ONLY

**PARTIAL ELEVATION**



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**NFPA 285 COMPLIANCE DETAILING REQUIREMENTS**

**1-PIECE, TIGHT-FIT MOLDING INSTALLATION SYSTEM  
WITH BD&V SUB-FRAMING OVER GYPSUM SHEATHING**

Date:  
3/21/2023

Drawn By:  
JJM

Detail Set:  
1P-BDV-GYP

Dwg. No.:  
EL-4.0

Rev:  
02

1-PIECE, TIGHT-FIT MOLDING INSTALLATION SYSTEM WITH BD&V SUB-FRAMING (1-1/4" NOM. DEPTH)

NEW OR EXISTING EXTERIOR WALL ASSEMBLY WITH EXTERIOR-GRADE GYPSUM SHEATHING AND 18 GA. (MIN) STEEL STUDS AT 16" O.C. (MAX) SPACING

AIR AND WATER BARRIER BY OTHERS

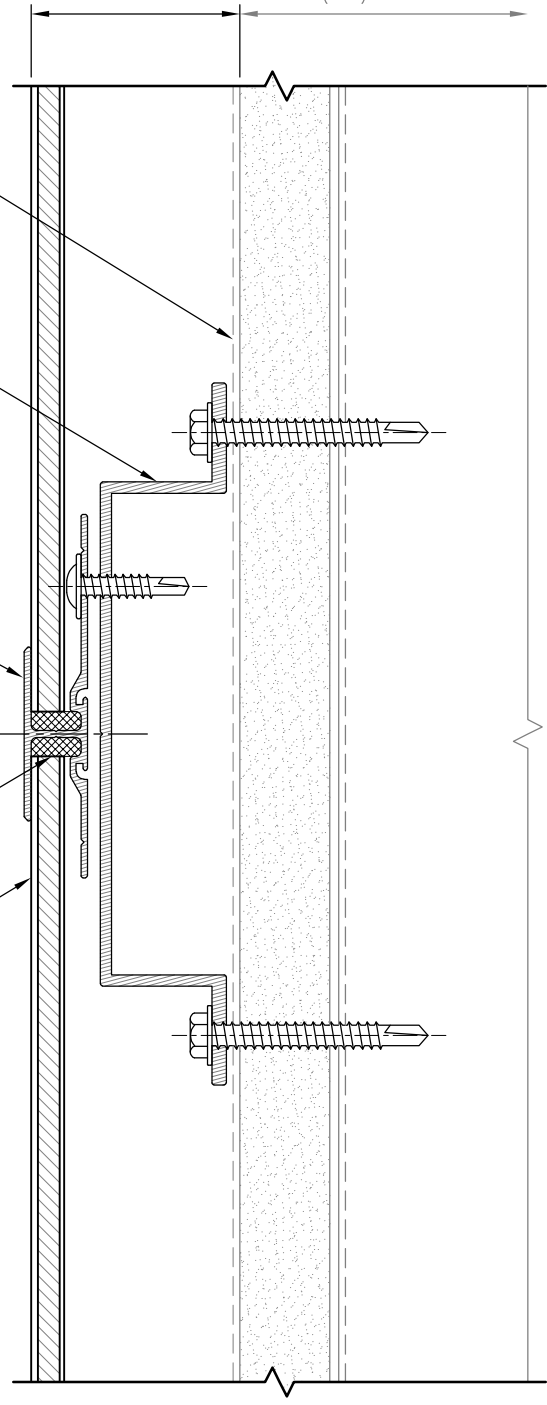
SH SUB-FRAMING MEMBER (PART NO. 48BDV-SH) FASTENED TO STUD FRAMING

H-MOLDING (PART NO. 4505X) FASTENED TO SH SUB-FRAMING MEMBER (ALIGN CENTERLINES)

PANEL JOINT  $\zeta$

LAMINATORS APPROVED SILICONE CAULK, TYP.

6mm OMEGA-LITE PANEL, TYP.



**SECTION**

- DETAIL NOTES:**
1. SPACING SHOWN BETWEEN SOME INSTALLATION SYSTEM COMPONENTS EXAGGERATED FOR CLARITY
  2. REFER TO BD&V SUB-FRAMING LAYOUTS FOR FASTENING REQUIREMENTS
  3. REFER TO SYSTEM COMPONENT LAYOUTS FOR TYPICAL FOAM TAPE, PANEL ADHESIVE, AND MOLDING FASTENING REQUIREMENTS



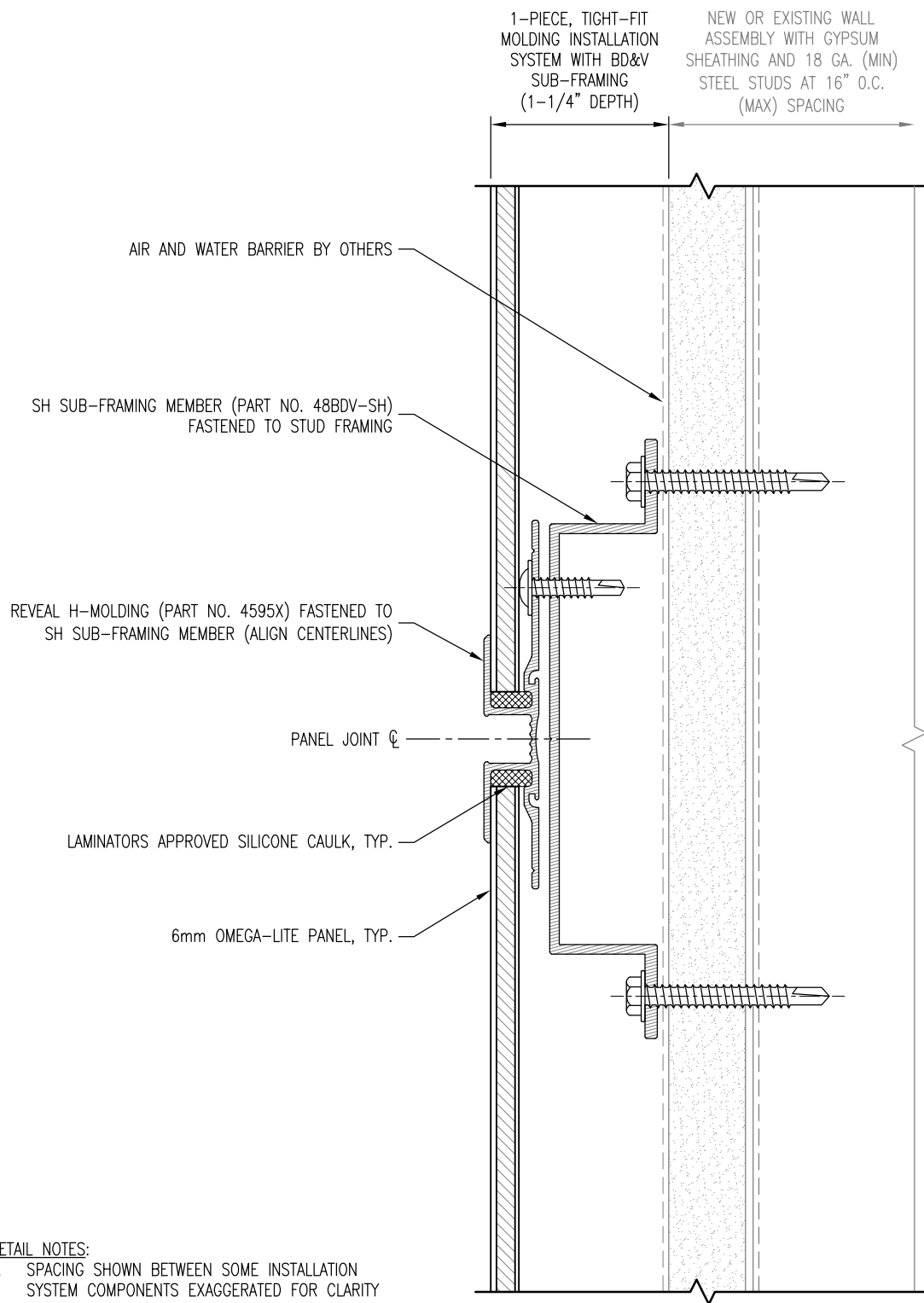
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**HORIZONTAL JOINT DETAIL (H-MOLDING)**

1-PIECE, TIGHT-FIT MOLDING INSTALLATION SYSTEM WITH BD&V SUB-FRAMING OVER GYPSUM SHEATHING

Date: 5/1/2019	Drawn By: JJM	Detail Set: 1P-BDV-GYP	Dwg. No.: S-1.1	Rev: 01
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**SECTION**

**DETAIL NOTES:**

1. SPACING SHOWN BETWEEN SOME INSTALLATION SYSTEM COMPONENTS EXAGGERATED FOR CLARITY
2. REFER TO BD&V SUB-FRAMING LAYOUTS FOR FASTENING REQUIREMENTS
3. REFER TO SYSTEM COMPONENT LAYOUTS FOR TYPICAL FOAM TAPE, PANEL ADHESIVE, AND MOLDING FASTENING REQUIREMENTS



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**HORIZONTAL JOINT DETAIL (REVEAL H-MOLDING)**

**1-PIECE, TIGHT-FIT MOLDING INSTALLATION SYSTEM WITH BD&V SUB-FRAMING OVER GYPSUM SHEATHING**

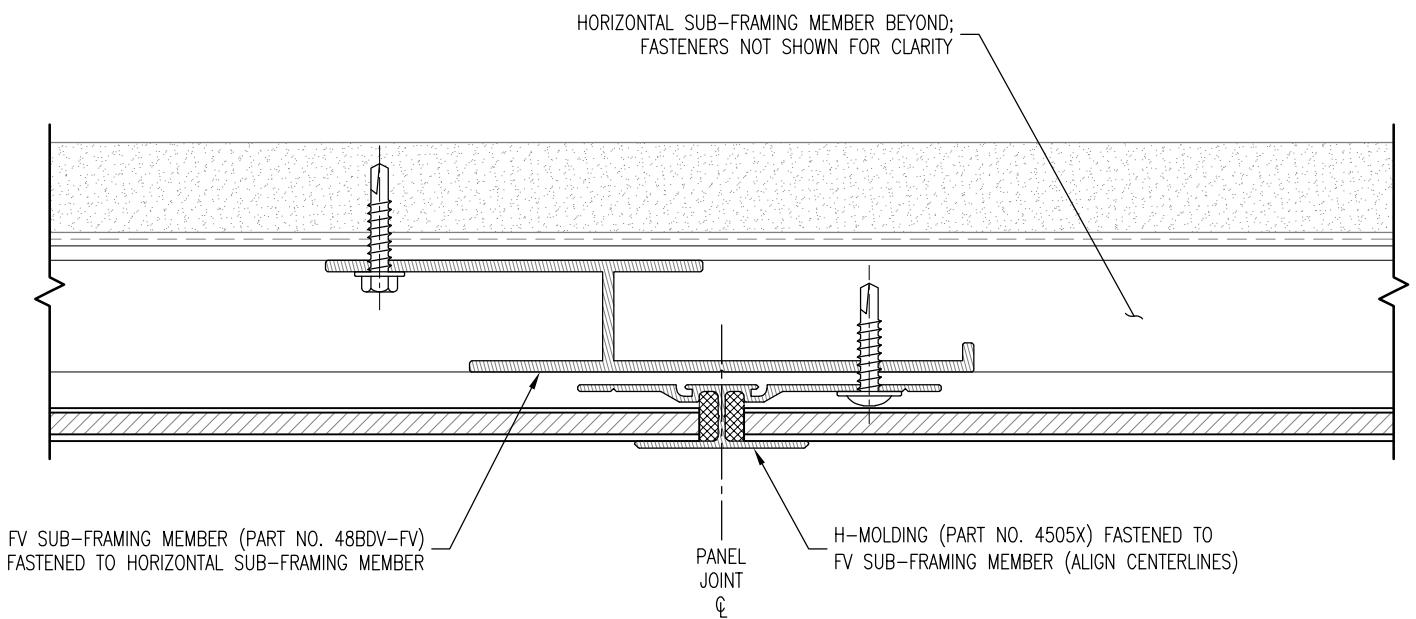
Date:  
3/18/2022

Drawn By:  
JJM

Detail Set:  
1P-BDV-GYP

Dwg. No.:  
S-1.2

Rev:  
02



**PLAN SECTION**

**DETAIL NOTES:**

1. SPACING SHOWN BETWEEN SOME INSTALLATION SYSTEM COMPONENTS EXAGGERATED FOR CLARITY
2. REFER TO BD&V SUB-FRAMING LAYOUTS FOR FASTENING REQUIREMENTS
3. REFER TO SYSTEM COMPONENT LAYOUTS FOR TYPICAL FOAM TAPE, PANEL ADHESIVE, AND MOLDING FASTENING REQUIREMENTS
4. REFER TO S-1.1 OR S-1.2 FOR TYPICAL COMPONENTS NOT ANNOTATED



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**VERTICAL JOINT DETAIL (H-MOLDING)**

1-PIECE, TIGHT-FIT MOLDING INSTALLATION SYSTEM  
WITH BD&V SUB-FRAMING OVER GYPSUM SHEATHING

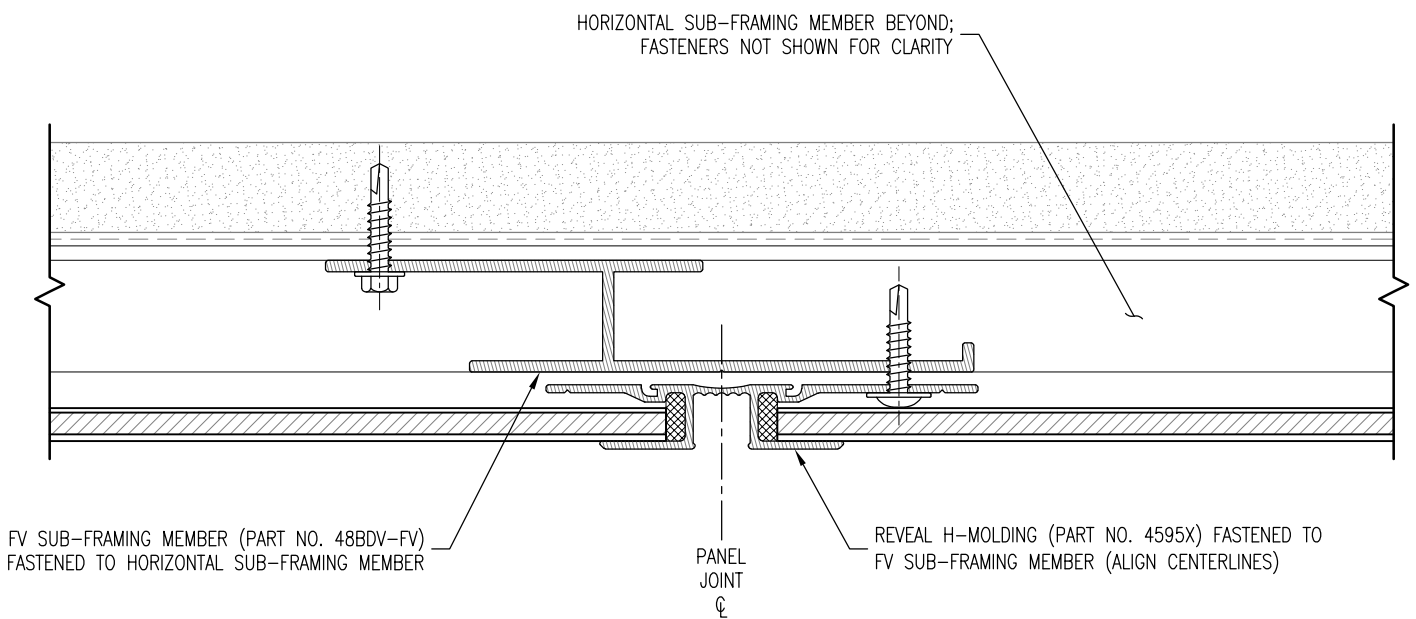
Date:  
5/1/2019

Drawn By:  
JJM

Detail Set:  
1P-BDV-GYP

Dwg. No.:  
S-1.3

Rev:  
01



**PLAN SECTION**

**DETAIL NOTES:**

1. SPACING SHOWN BETWEEN SOME INSTALLATION SYSTEM COMPONENTS EXAGGERATED FOR CLARITY
2. REFER TO BD&V SUB-FRAMING LAYOUTS FOR FASTENING REQUIREMENTS
3. REFER TO SYSTEM COMPONENT LAYOUTS FOR TYPICAL FOAM TAPE, PANEL ADHESIVE, AND MOLDING FASTENING REQUIREMENTS
4. REFER TO S-1.1 OR S-1.2 FOR TYPICAL COMPONENTS NOT ANNOTATED



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VERTICAL JOINT DETAIL (REVEAL H-MOLDING)

1-PIECE, TIGHT-FIT MOLDING INSTALLATION SYSTEM  
WITH BD&V SUB-FRAMING OVER GYPSUM SHEATHING

Date:  
5/1/2019

Drawn By:  
JJM

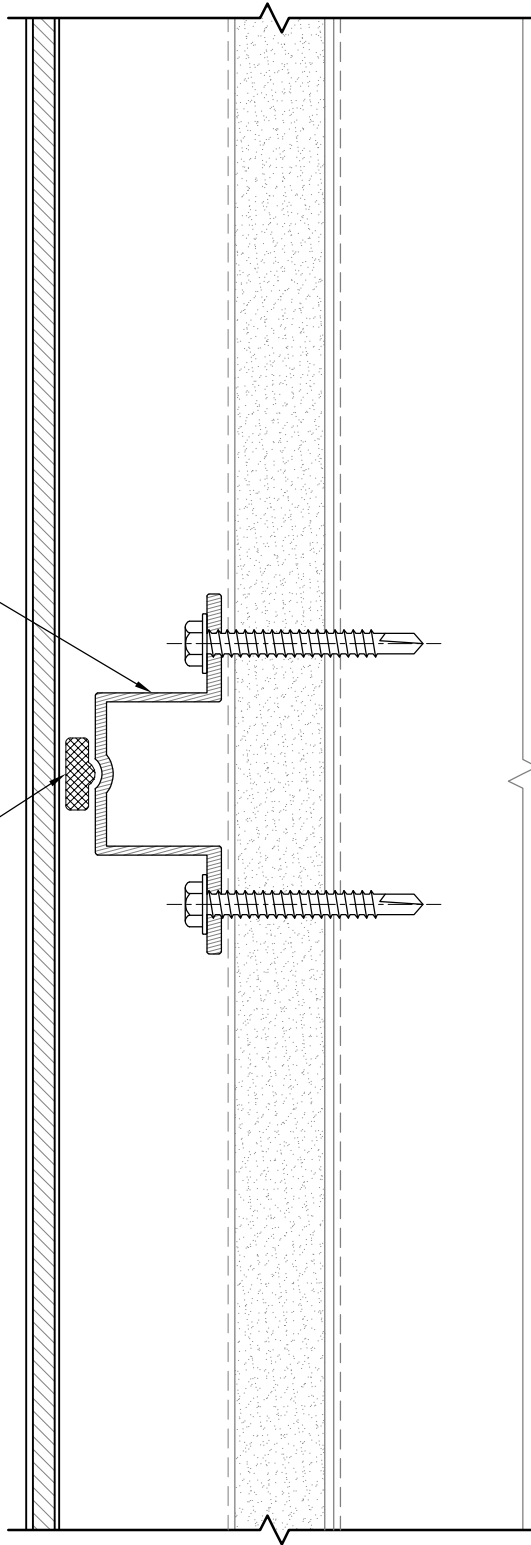
Detail Set:  
1P-BDV-GYP

Dwg. No.:  
S-1.4

Rev:  
01

AH SUB-FRAMING MEMBER (PART NO. 48BDV-AH)  
FASTENED TO STUD FRAMING

LAMINATORS APPROVED PANEL ADHESIVE APPLIED  
TO FACE OF AH SUB-FRAMING MEMBER



SECTION

DETAIL NOTES:

1. SPACING SHOWN BETWEEN SOME INSTALLATION SYSTEM COMPONENTS EXAGGERATED FOR CLARITY
2. REFER TO BD&V SUB-FRAMING LAYOUTS FOR FASTENING REQUIREMENTS
3. REFER TO SYSTEM COMPONENT LAYOUTS FOR TYPICAL FOAM TAPE, PANEL ADHESIVE, AND MOLDING FASTENING REQUIREMENTS
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INTERMEDIATE PANEL SUPPORT DETAIL

1-PIECE, TIGHT-FIT MOLDING INSTALLATION SYSTEM  
WITH BD&V SUB-FRAMING OVER GYPSUM SHEATHING

Date:  
3/21/2023

Drawn By:  
JJM

Detail Set:  
1P-BDV-GYP

Dwg. No.:  
S-2

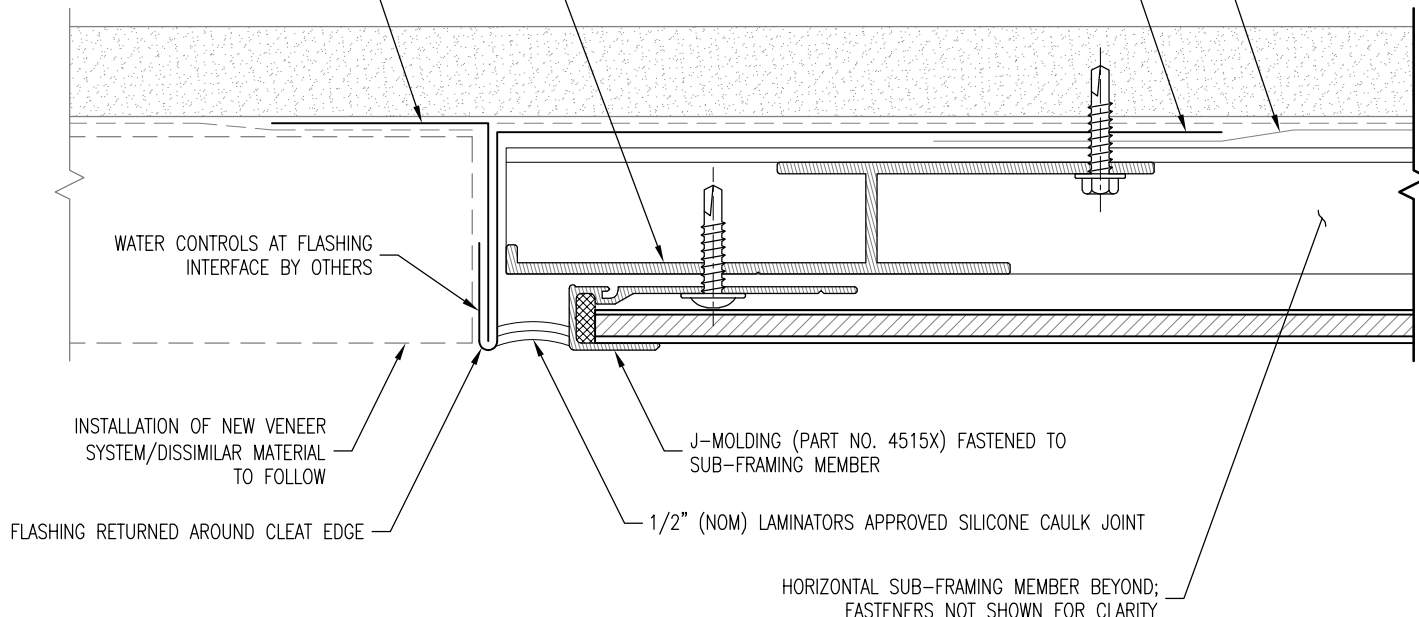
Rev:  
02

FV SUB-FRAMING MEMBER (PART NO. 48BDV-FV)  
FASTENED TO HORIZONTAL SUB-FRAMING MEMBER

MEMBRANE FLASHING BY OTHERS LAPPED 2" (MIN)  
OVER ALUMINUM FLASHING IN SHINGLE FASHION

ALUMINUM FLASHING BY OTHERS  
TERMINATED BEHIND NEW VENEER  
SYSTEM/DISSIMILAR MATERIAL; WATER  
CONTROLS AT INTERFACE BY OTHERS

ALUMINUM FLASHING BY OTHERS



WATER CONTROLS AT FLASHING  
INTERFACE BY OTHERS

INSTALLATION OF NEW VENEER  
SYSTEM/DISSIMILAR MATERIAL  
TO FOLLOW

J-MOLDING (PART NO. 4515X) FASTENED TO  
SUB-FRAMING MEMBER

FLASHING RETURNED AROUND CLEAT EDGE

1/2" (NOM) LAMINATORS APPROVED SILICONE CAULK JOINT

HORIZONTAL SUB-FRAMING MEMBER BEYOND;  
FASTENERS NOT SHOWN FOR CLARITY

### PLAN SECTION

#### DETAIL NOTES:

1. SPACING SHOWN BETWEEN SOME INSTALLATION SYSTEM COMPONENTS EXAGGERATED FOR CLARITY
2. REFER TO BD&V SUB-FRAMING LAYOUTS FOR FASTENING REQUIREMENTS
3. REFER TO SYSTEM COMPONENT LAYOUTS FOR TYPICAL FOAM TAPE, PANEL ADHESIVE, AND MOLDING FASTENING REQUIREMENTS
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LEFT VERTICAL EDGE DETAIL (ADJACENT TO NEW)

1-PIECE, TIGHT-FIT MOLDING INSTALLATION SYSTEM  
WITH BD&V SUB-FRAMING OVER GYPSUM SHEATHING

Date:  
5/1/2019

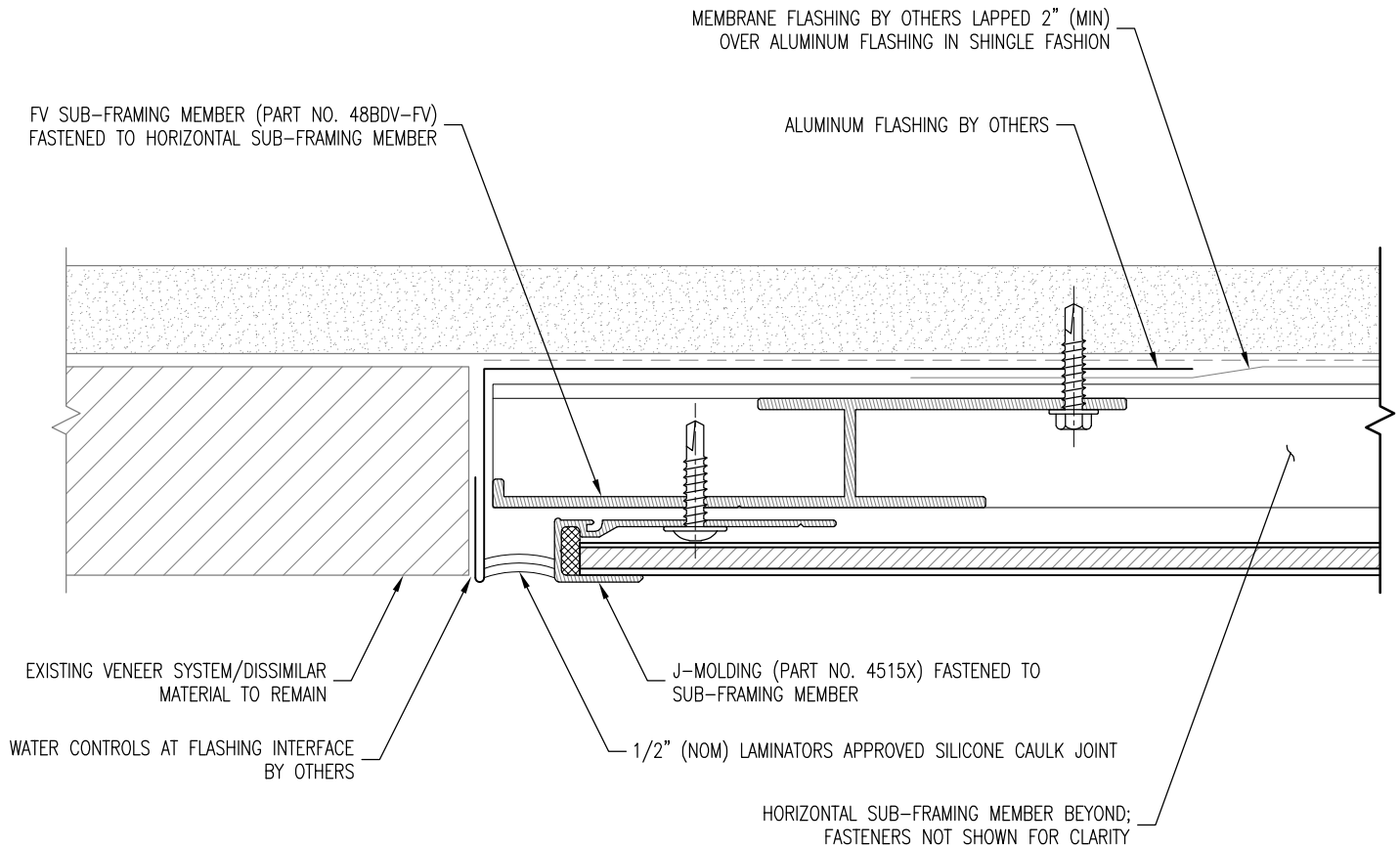
Drawn By:  
JJM

Detail Set:  
1P-BDV-GYP

Dwg. No.:  
S-3.1

Rev:  
01





**PLAN SECTION**

**DETAIL NOTES:**

1. SPACING SHOWN BETWEEN SOME INSTALLATION SYSTEM COMPONENTS EXAGGERATED FOR CLARITY
2. REFER TO BD&V SUB-FRAMING LAYOUTS FOR FASTENING REQUIREMENTS
3. REFER TO SYSTEM COMPONENT LAYOUTS FOR TYPICAL FOAM TAPE, PANEL ADHESIVE, AND MOLDING FASTENING REQUIREMENTS
4. REFER TO S-1.1 OR S-1.2 FOR TYPICAL COMPONENTS NOT ANNOTATED



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LEFT VERTICAL EDGE DETAIL (ADJACENT TO EXISTING)

1-PIECE, TIGHT-FIT MOLDING INSTALLATION SYSTEM  
WITH BD&V SUB-FRAMING OVER GYPSUM SHEATHING

Date:  
5/1/2019

Drawn By:  
JJM

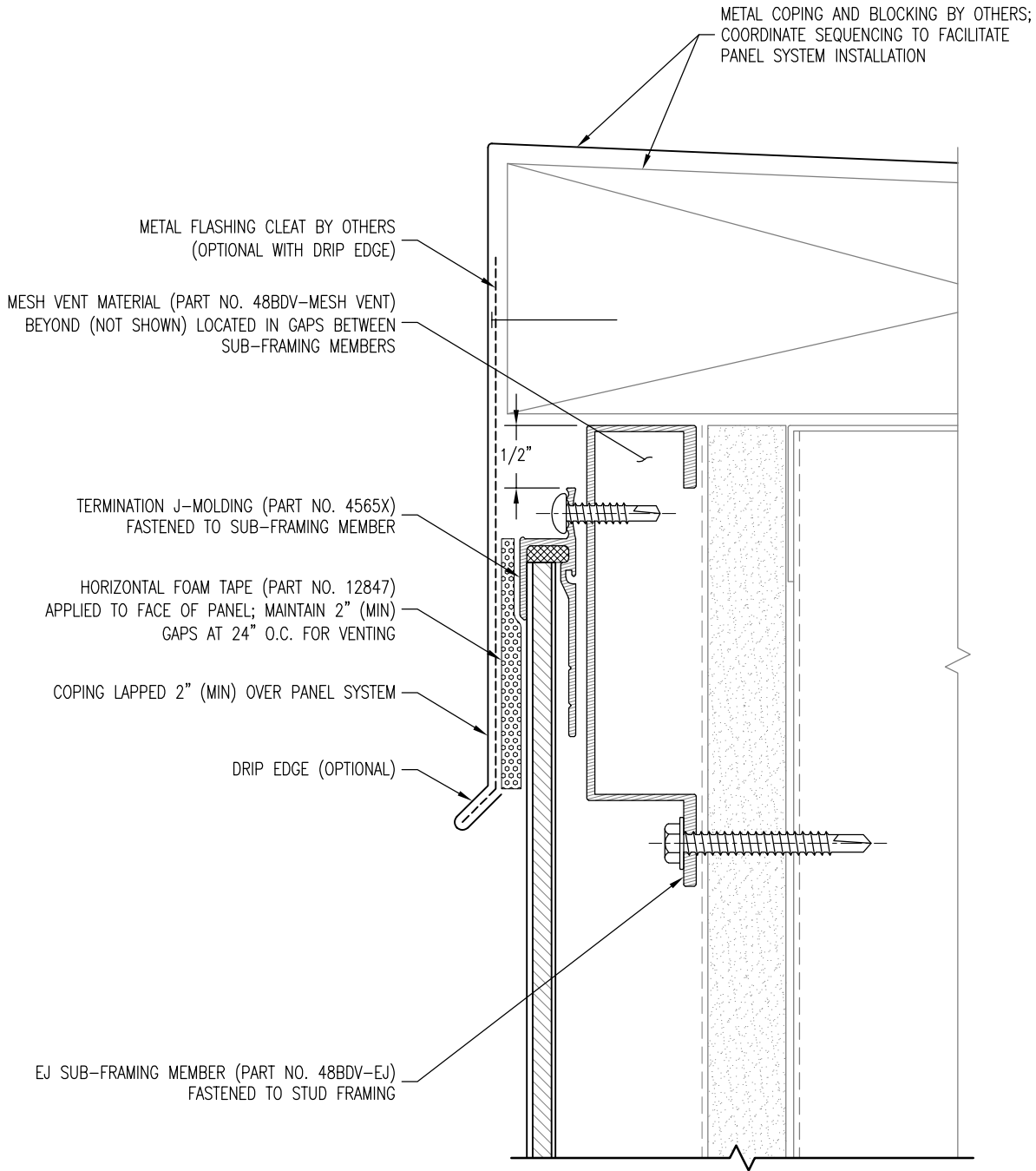
Detail Set:  
1P-BDV-GYP

Dwg. No.:  
S-3.2

Rev:  
01

**DETAIL NOTES:**

1. SPACING SHOWN BETWEEN SOME INSTALLATION SYSTEM COMPONENTS EXAGGERATED FOR CLARITY
2. REFER TO BD&V SUB-FRAMING LAYOUTS FOR FASTENING REQUIREMENTS
3. REFER TO SYSTEM COMPONENT LAYOUTS FOR TYPICAL FOAM TAPE, PANEL ADHESIVE, AND MOLDING FASTENING REQUIREMENTS
4. REFER TO S-1.1 OR S-1.2 FOR TYPICAL COMPONENTS NOT ANNOTATED



**SECTION**



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**TOP OF WALL DETAIL**

**1-PIECE, TIGHT-FIT MOLDING INSTALLATION SYSTEM  
WITH BD&V SUB-FRAMING OVER GYPSUM SHEATHING**

Date:  
3/21/2023

Drawn By:  
JJM

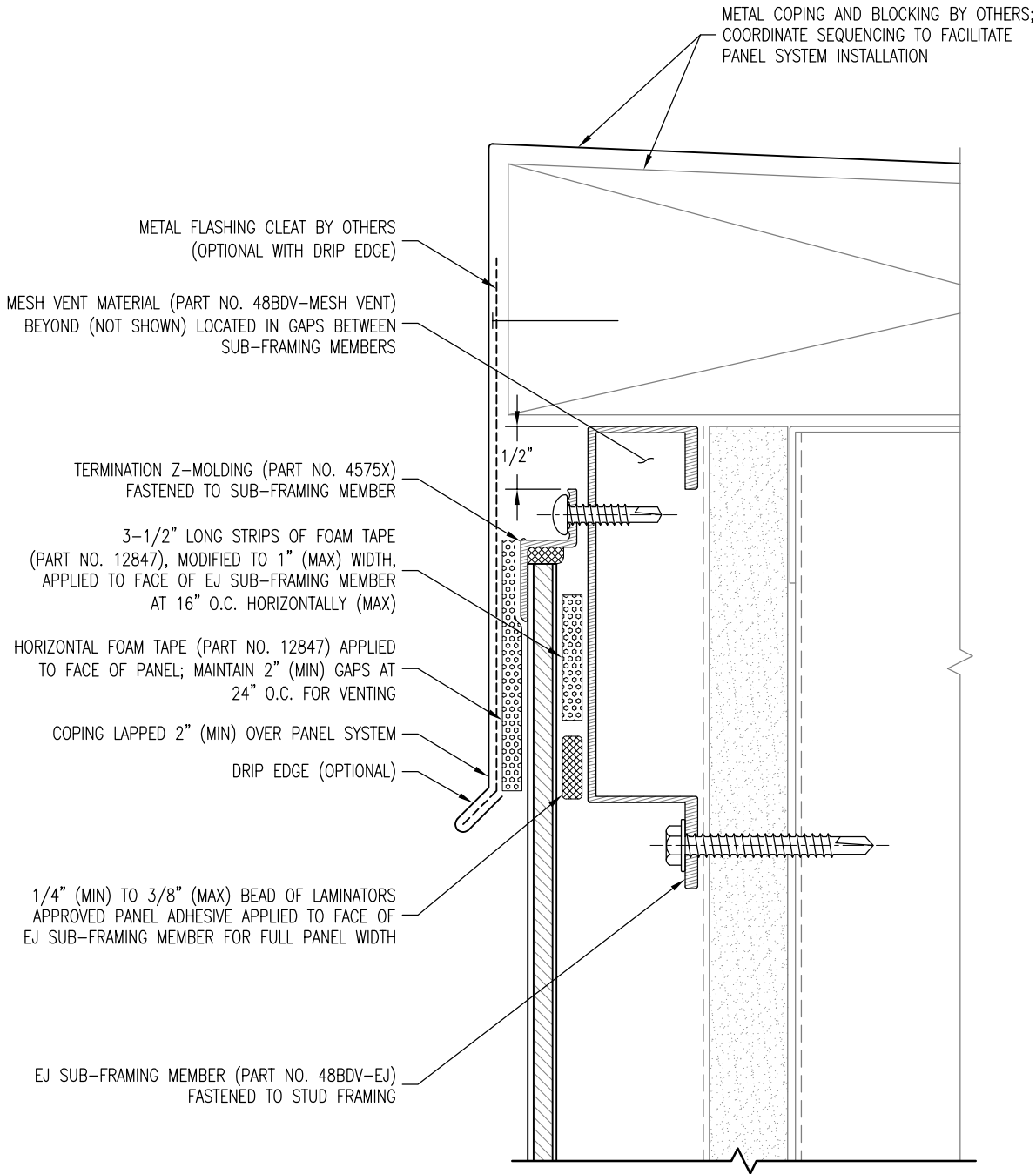
Detail Set:  
1P-BDV-GYP

Dwg. No.:  
S-4.1

Rev:  
02

**DETAIL NOTES:**

1. SPACING SHOWN BETWEEN SOME INSTALLATION SYSTEM COMPONENTS EXAGGERATED FOR CLARITY
2. REFER TO BD&V SUB-FRAMING LAYOUTS FOR FASTENING REQUIREMENTS
3. REFER TO SYSTEM COMPONENT LAYOUTS FOR TYPICAL FOAM TAPE, PANEL ADHESIVE, AND MOLDING FASTENING REQUIREMENTS
4. REFER TO S-1.1 OR S-1.2 FOR TYPICAL COMPONENTS NOT ANNOTATED



**SECTION**



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TOP OF WALL DETAIL w/ TERMINATION Z-MOLDING

1-PIECE, TIGHT-FIT MOLDING INSTALLATION SYSTEM  
WITH BD&V SUB-FRAMING OVER GYPSUM SHEATHING

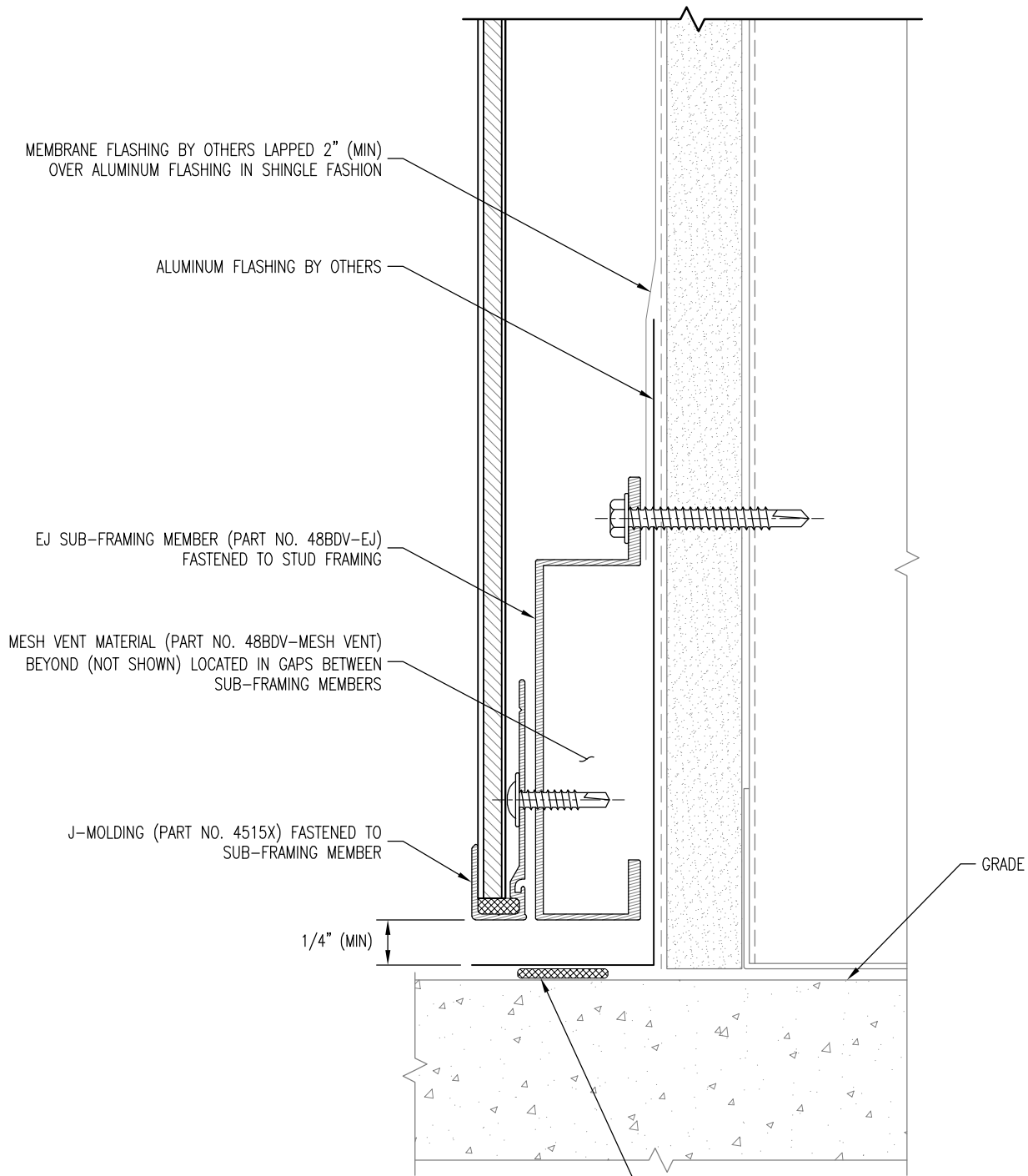
Date:  
3/21/2023

Drawn By:  
JJM

Detail Set:  
1P-BDV-GYP

Dwg. No.:  
S-4.2

Rev:  
02



**SECTION**

**DETAIL NOTES:**

1. SPACING SHOWN BETWEEN SOME INSTALLATION SYSTEM COMPONENTS EXAGGERATED FOR CLARITY
2. REFER TO BD&V SUB-FRAMING LAYOUTS FOR FASTENING REQUIREMENTS
3. REFER TO SYSTEM COMPONENT LAYOUTS FOR TYPICAL FOAM TAPE, PANEL ADHESIVE, AND MOLDING FASTENING REQUIREMENTS
4. REFER TO S-1.1 OR S-1.2 FOR TYPICAL COMPONENTS NOT ANNOTATED



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**BASE OF WALL DETAIL**

1-PIECE, TIGHT-FIT MOLDING INSTALLATION SYSTEM  
WITH BD&V SUB-FRAMING OVER GYPSUM SHEATHING

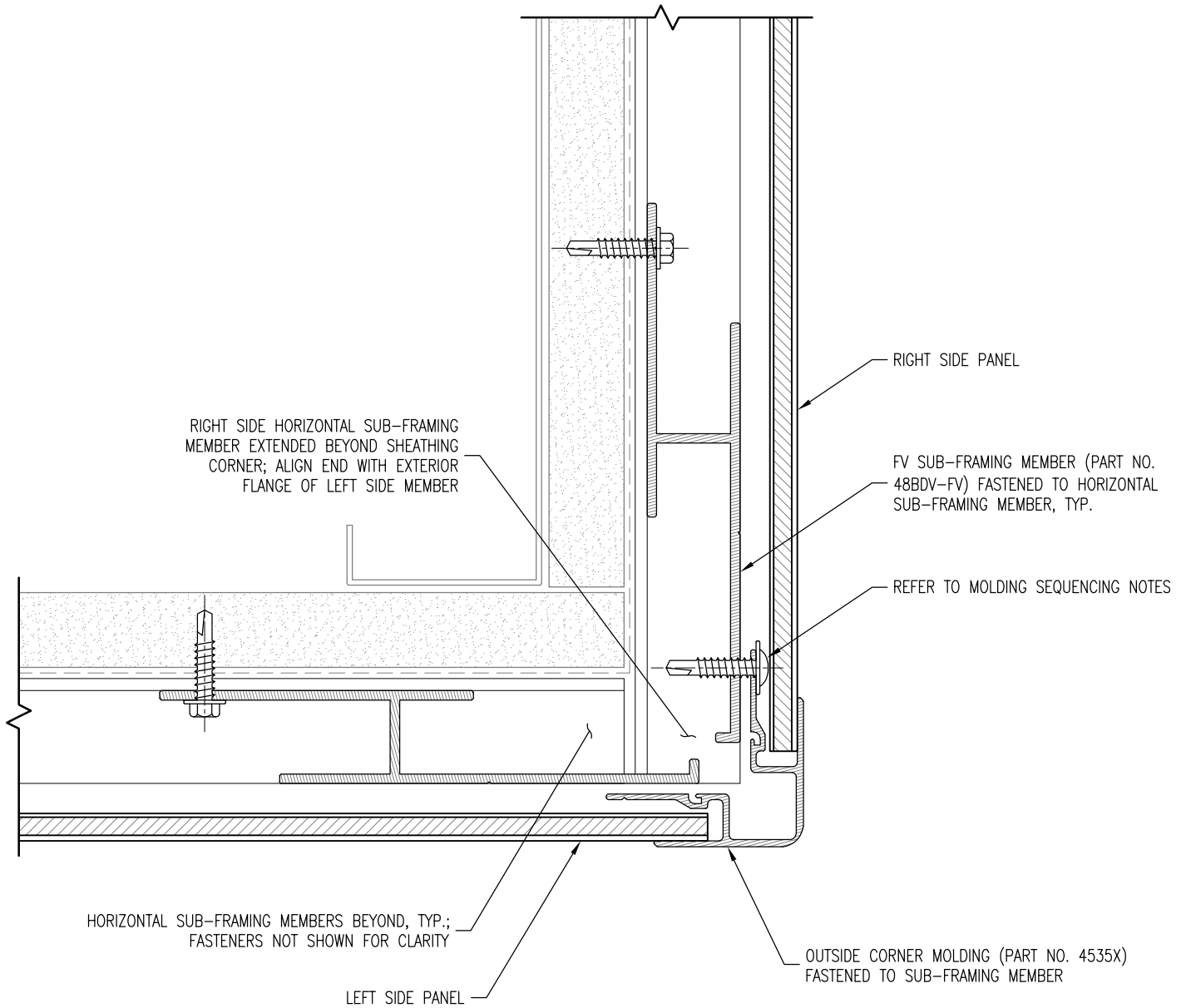
Date:  
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Drawn By:  
JJM

Detail Set:  
1P-BDV-GYP

Dwg. No.:  
S-5

Rev:  
02



**PLAN SECTION**

**DETAIL NOTES:**

1. SPACING SHOWN BETWEEN SOME INSTALLATION SYSTEM COMPONENTS EXAGGERATED FOR CLARITY
2. REFER TO BD&V SUB-FRAMING LAYOUTS FOR FASTENING REQUIREMENTS
3. REFER TO SYSTEM COMPONENT LAYOUTS FOR TYPICAL FOAM TAPE, PANEL ADHESIVE, AND MOLDING FASTENING REQUIREMENTS
4. REFER TO S-1.1 OR S-1.2 FOR TYPICAL COMPONENTS NOT ANNOTATED

**MOLDING SEQUENCING NOTES:**

1. PROGRESS INSTALLATION FROM LEFT TO RIGHT AROUND CORNER
2. FASTEN RIGHT FLANGE OF OUTSIDE CORNER MOLDING TO SUB-FRAMING MEMBER PRIOR TO INSTALLATION OF RIGHT SIDE PANELS
3. REFER TO SYSTEM GUIDE FOR ADDITIONAL INFORMATION



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**OUTSIDE CORNER DETAIL (MOLDING OPTION)**

1-PIECE, TIGHT-FIT MOLDING INSTALLATION SYSTEM  
WITH BD&V SUB-FRAMING OVER GYPSUM SHEATHING

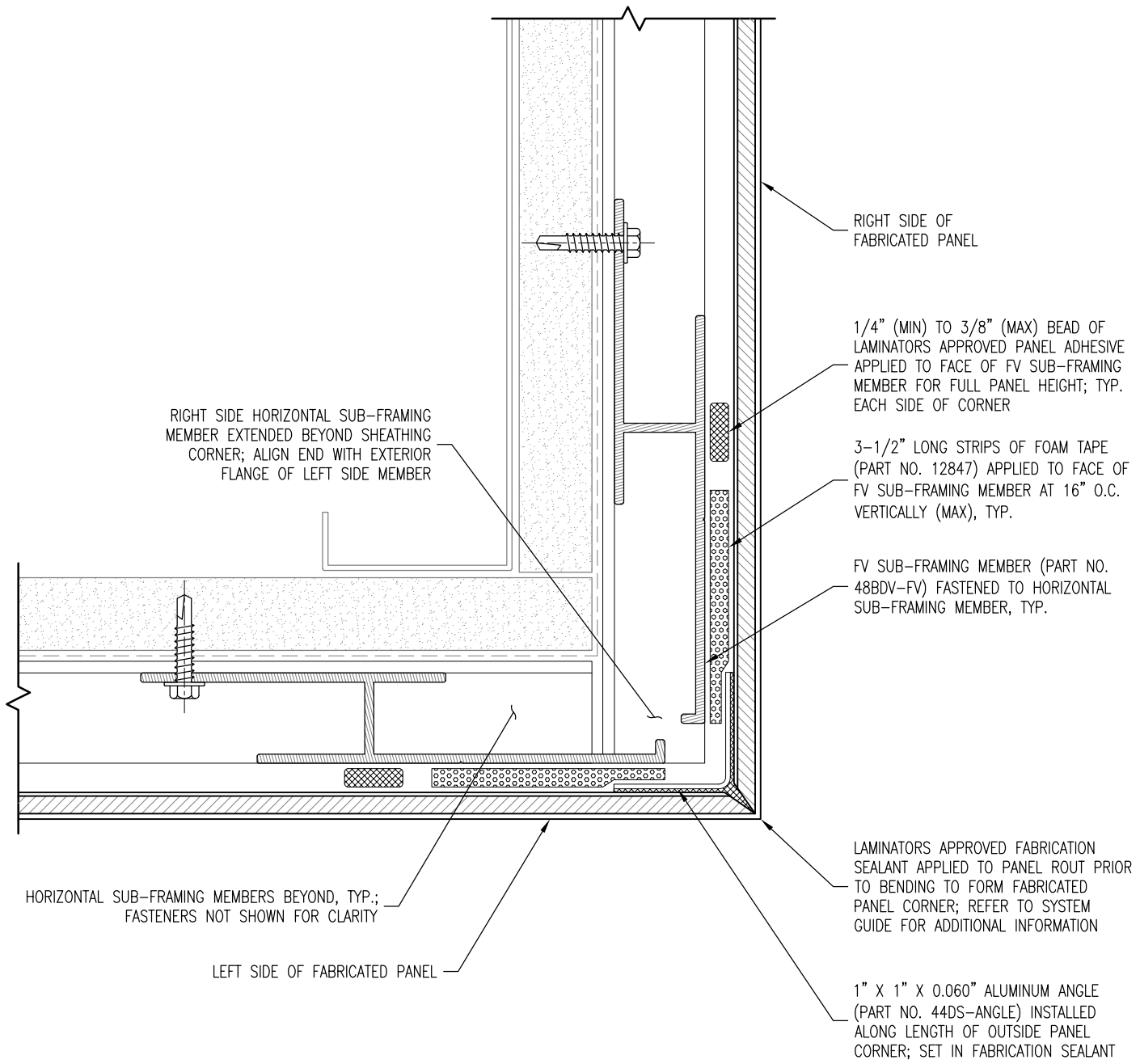
Date:  
3/10/2020

Drawn By:  
JJM

Detail Set:  
1P-BDV-GYP

Dwg. No.:  
S-6.1

Rev:  
02



**PLAN SECTION**

**DETAIL NOTES:**

1. SPACING SHOWN BETWEEN SOME INSTALLATION SYSTEM COMPONENTS EXAGGERATED FOR CLARITY
2. REFER TO BD&V SUB-FRAMING LAYOUTS FOR FASTENING REQUIREMENTS
3. REFER TO SYSTEM COMPONENT LAYOUTS FOR TYPICAL FOAM TAPE, PANEL ADHESIVE, AND MOLDING FASTENING REQUIREMENTS
4. REFER TO S-1.1 OR S-1.2 FOR TYPICAL COMPONENTS NOT ANNOTATED



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**OUTSIDE CORNER DETAIL (FABRICATED OPTION)**

1-PIECE, TIGHT-FIT MOLDING INSTALLATION SYSTEM  
WITH BD&V SUB-FRAMING OVER GYPSUM SHEATHING

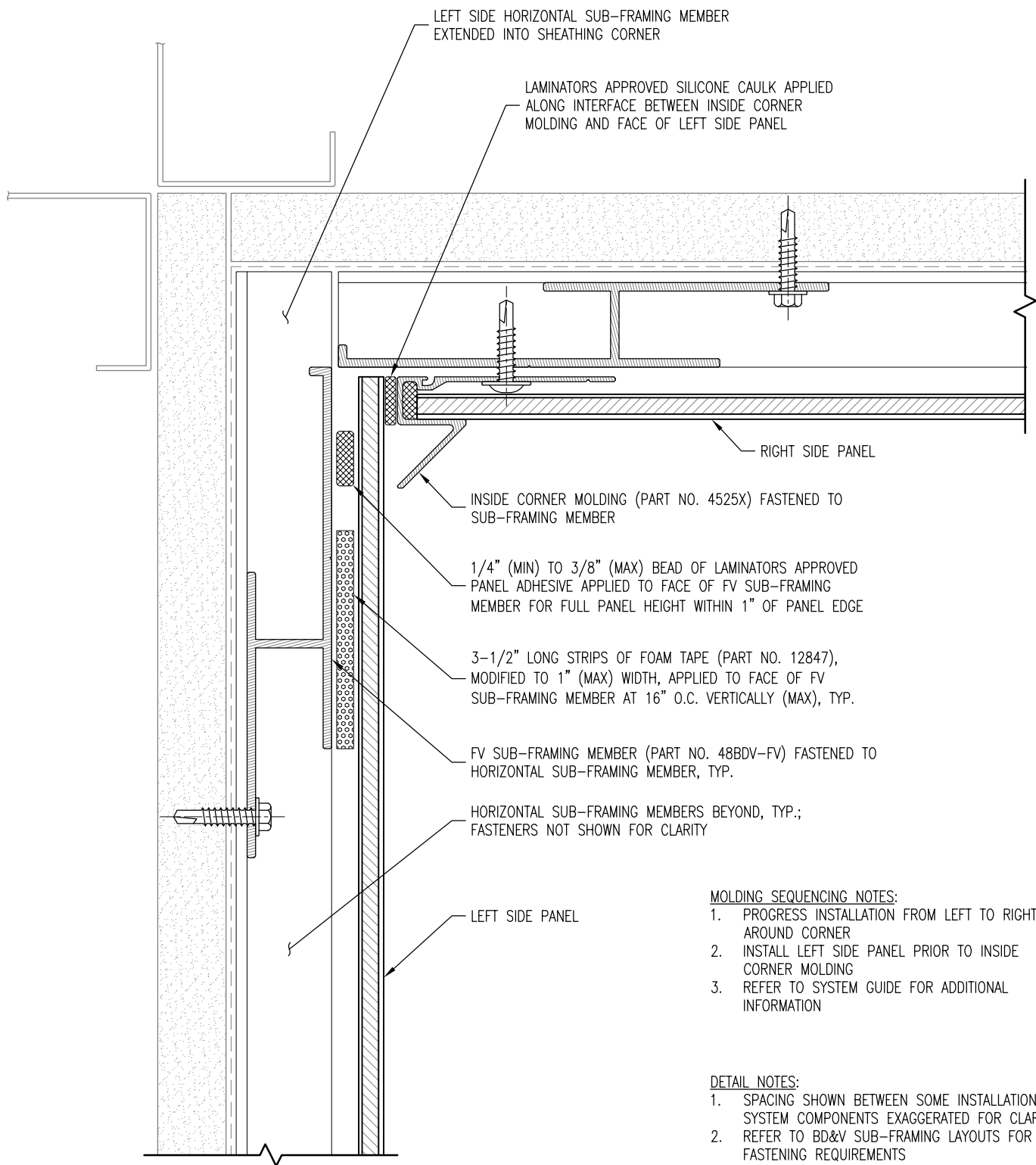
Date:  
3/10/2020

Drawn By:  
JJM

Detail Set:  
1P-BDV-GYP

Dwg. No.:  
S-6.2

Rev:  
02



LEFT SIDE HORIZONTAL SUB-FRAMING MEMBER  
EXTENDED INTO SHEATHING CORNER

LAMINATORS APPROVED SILICONE CAULK APPLIED  
ALONG INTERFACE BETWEEN INSIDE CORNER  
MOLDING AND FACE OF LEFT SIDE PANEL

RIGHT SIDE PANEL

INSIDE CORNER MOLDING (PART NO. 4525X) FASTENED TO  
SUB-FRAMING MEMBER

1/4" (MIN) TO 3/8" (MAX) BEAD OF LAMINATORS APPROVED  
PANEL ADHESIVE APPLIED TO FACE OF FV SUB-FRAMING  
MEMBER FOR FULL PANEL HEIGHT WITHIN 1" OF PANEL EDGE

3-1/2" LONG STRIPS OF FOAM TAPE (PART NO. 12847),  
MODIFIED TO 1" (MAX) WIDTH, APPLIED TO FACE OF FV  
SUB-FRAMING MEMBER AT 16" O.C. VERTICALLY (MAX), TYP.

FV SUB-FRAMING MEMBER (PART NO. 48BDV-FV) FASTENED TO  
HORIZONTAL SUB-FRAMING MEMBER, TYP.

HORIZONTAL SUB-FRAMING MEMBERS BEYOND, TYP. ;  
FASTENERS NOT SHOWN FOR CLARITY

LEFT SIDE PANEL

**MOLDING SEQUENCING NOTES:**

1. PROGRESS INSTALLATION FROM LEFT TO RIGHT  
AROUND CORNER
2. INSTALL LEFT SIDE PANEL PRIOR TO INSIDE  
CORNER MOLDING
3. REFER TO SYSTEM GUIDE FOR ADDITIONAL  
INFORMATION

**DETAIL NOTES:**

1. SPACING SHOWN BETWEEN SOME INSTALLATION  
SYSTEM COMPONENTS EXAGGERATED FOR CLARITY
2. REFER TO BD&V SUB-FRAMING LAYOUTS FOR  
FASTENING REQUIREMENTS
3. REFER TO SYSTEM COMPONENT LAYOUTS FOR  
TYPICAL FOAM TAPE, PANEL ADHESIVE, AND  
MOLDING FASTENING REQUIREMENTS
4. REFER TO S-1.1 OR S-1.2 FOR TYPICAL  
COMPONENTS NOT ANNOTATED

**PLAN SECTION**



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**INSIDE CORNER DETAIL (MOLDING OPTION)**

**1-PIECE, TIGHT-FIT MOLDING INSTALLATION SYSTEM  
WITH BD&V SUB-FRAMING OVER GYPSUM SHEATHING**

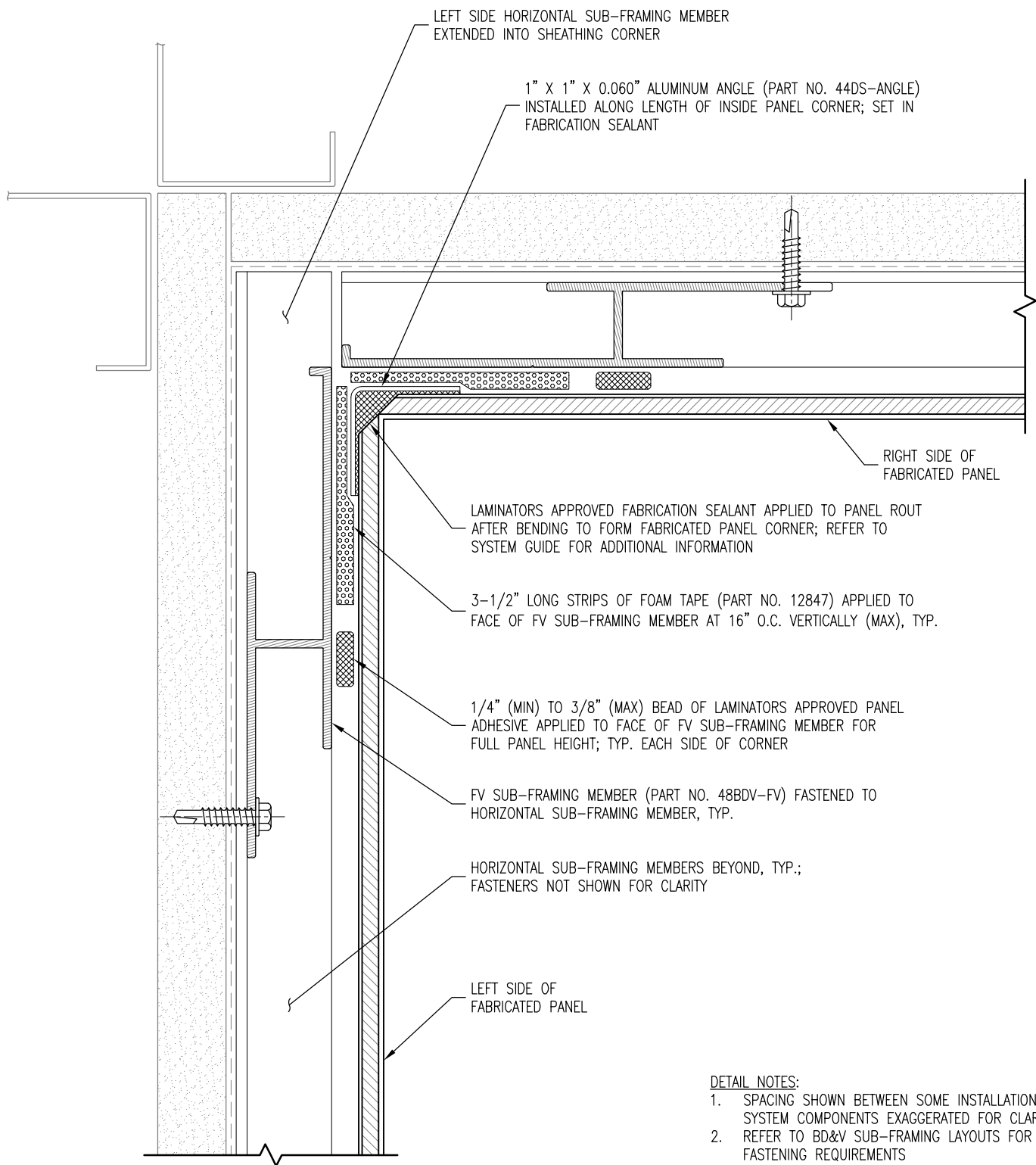
Date:  
3/10/2020

Drawn By:  
JJM

Detail Set:  
1P-BDV-GYP

Dwg. No.:  
S-7.1

Rev:  
02



LEFT SIDE HORIZONTAL SUB-FRAMING MEMBER  
EXTENDED INTO SHEATHING CORNER

1" X 1" X 0.060" ALUMINUM ANGLE (PART NO. 44DS-ANGLE)  
INSTALLED ALONG LENGTH OF INSIDE PANEL CORNER; SET IN  
FABRICATION SEALANT

RIGHT SIDE OF  
FABRICATED PANEL

LAMINATORS APPROVED FABRICATION SEALANT APPLIED TO PANEL ROUT  
AFTER BENDING TO FORM FABRICATED PANEL CORNER; REFER TO  
SYSTEM GUIDE FOR ADDITIONAL INFORMATION

3-1/2" LONG STRIPS OF FOAM TAPE (PART NO. 12847) APPLIED TO  
FACE OF FV SUB-FRAMING MEMBER AT 16" O.C. VERTICALLY (MAX), TYP.

1/4" (MIN) TO 3/8" (MAX) BEAD OF LAMINATORS APPROVED PANEL  
ADHESIVE APPLIED TO FACE OF FV SUB-FRAMING MEMBER FOR  
FULL PANEL HEIGHT; TYP. EACH SIDE OF CORNER

FV SUB-FRAMING MEMBER (PART NO. 48BDV-FV) FASTENED TO  
HORIZONTAL SUB-FRAMING MEMBER, TYP.

HORIZONTAL SUB-FRAMING MEMBERS BEYOND, TYP.;  
FASTENERS NOT SHOWN FOR CLARITY

LEFT SIDE OF  
FABRICATED PANEL

**PLAN SECTION**

**DETAIL NOTES:**

1. SPACING SHOWN BETWEEN SOME INSTALLATION SYSTEM COMPONENTS EXAGGERATED FOR CLARITY
2. REFER TO BD&V SUB-FRAMING LAYOUTS FOR FASTENING REQUIREMENTS
3. REFER TO SYSTEM COMPONENT LAYOUTS FOR TYPICAL FOAM TAPE, PANEL ADHESIVE, AND MOLDING FASTENING REQUIREMENTS
4. REFER TO S-1.1 OR S-1.2 FOR TYPICAL COMPONENTS NOT ANNOTATED



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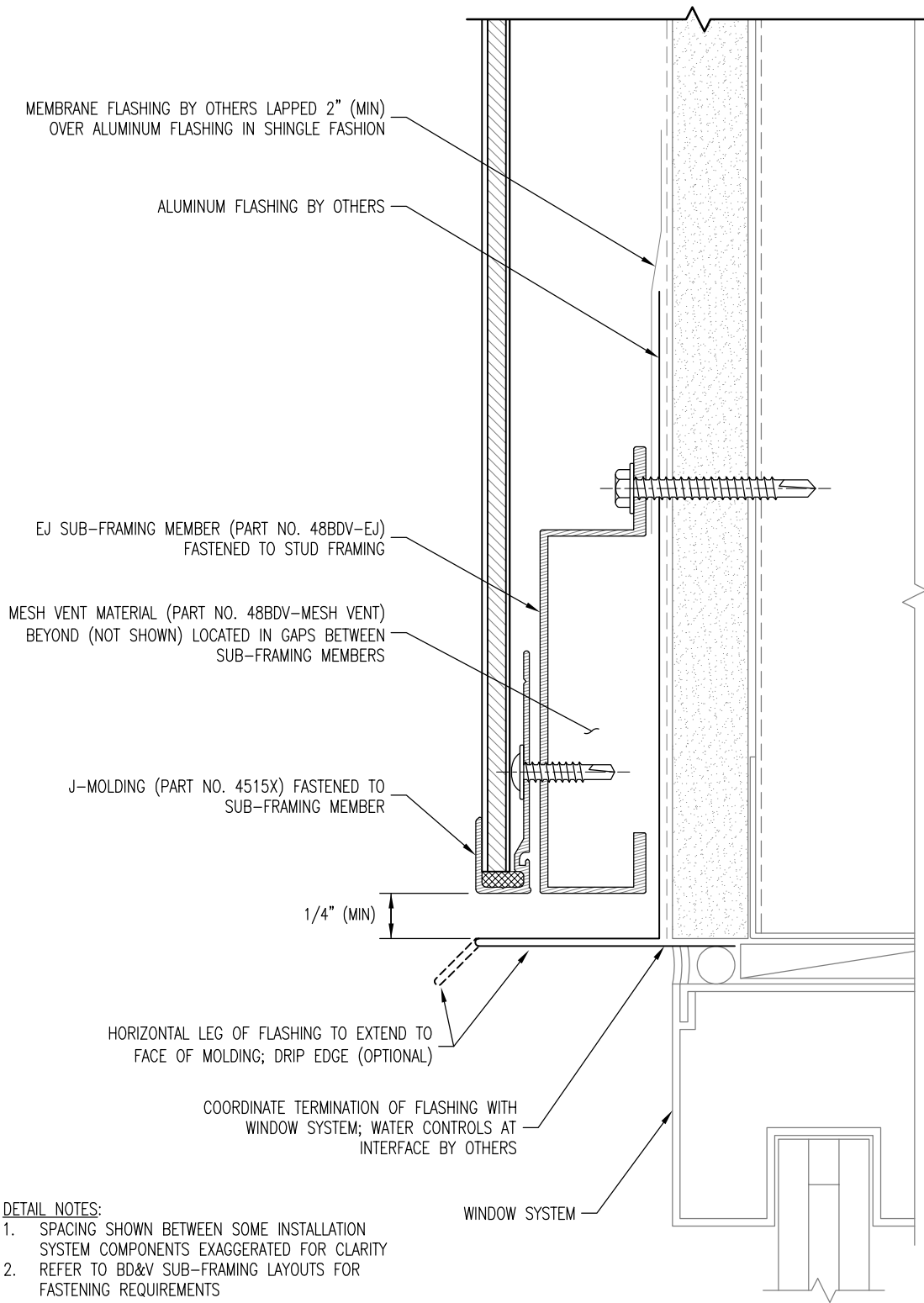
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**INSIDE CORNER DETAIL (FABRICATED OPTION)**

1-PIECE, TIGHT-FIT MOLDING INSTALLATION SYSTEM  
WITH BD&V SUB-FRAMING OVER GYPSUM SHEATHING

Date: 3/10/2020	Drawn By: JJM	Detail Set: 1P-BDV-GYP	Dwg. No.: S-7.2	Rev: 02
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**SECTION**

NOTE: THIS DETAIL IS NOT TO BE USED IN NFPA 285 ZONE

**DETAIL NOTES:**

1. SPACING SHOWN BETWEEN SOME INSTALLATION SYSTEM COMPONENTS EXAGGERATED FOR CLARITY
2. REFER TO BD&V SUB-FRAMING LAYOUTS FOR FASTENING REQUIREMENTS
3. REFER TO SYSTEM COMPONENT LAYOUTS FOR TYPICAL FOAM TAPE, PANEL ADHESIVE, AND MOLDING FASTENING REQUIREMENTS
4. REFER TO S-1.1 OR S-1.2 FOR TYPICAL COMPONENTS NOT ANNOTATED



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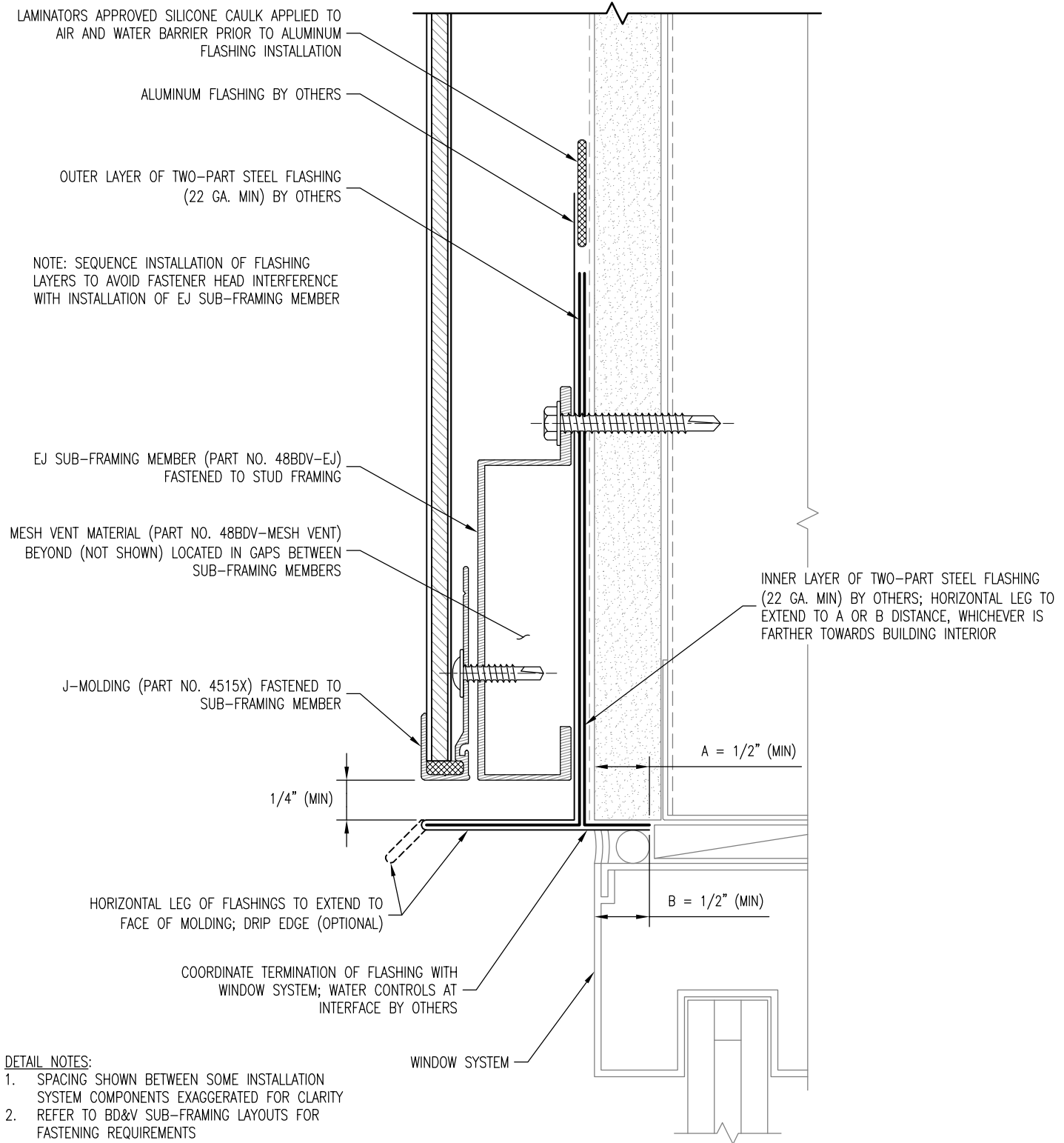
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**WINDOW HEAD DETAIL**

1-PIECE, TIGHT-FIT MOLDING INSTALLATION SYSTEM WITH BD&V SUB-FRAMING OVER GYPSUM SHEATHING

Date: 3/21/2023	Drawn By: JJM	Detail Set: 1P-BDV-GYP	Dwg. No.: S-8.1	Rev: 01
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**DETAIL NOTES:**

1. SPACING SHOWN BETWEEN SOME INSTALLATION SYSTEM COMPONENTS EXAGGERATED FOR CLARITY
2. REFER TO BD&V SUB-FRAMING LAYOUTS FOR FASTENING REQUIREMENTS
3. REFER TO SYSTEM COMPONENT LAYOUTS FOR TYPICAL FOAM TAPE, PANEL ADHESIVE, AND MOLDING FASTENING REQUIREMENTS
4. REFER TO S-1.1 OR S-1.2 FOR TYPICAL COMPONENTS NOT ANNOTATED

**SECTION**



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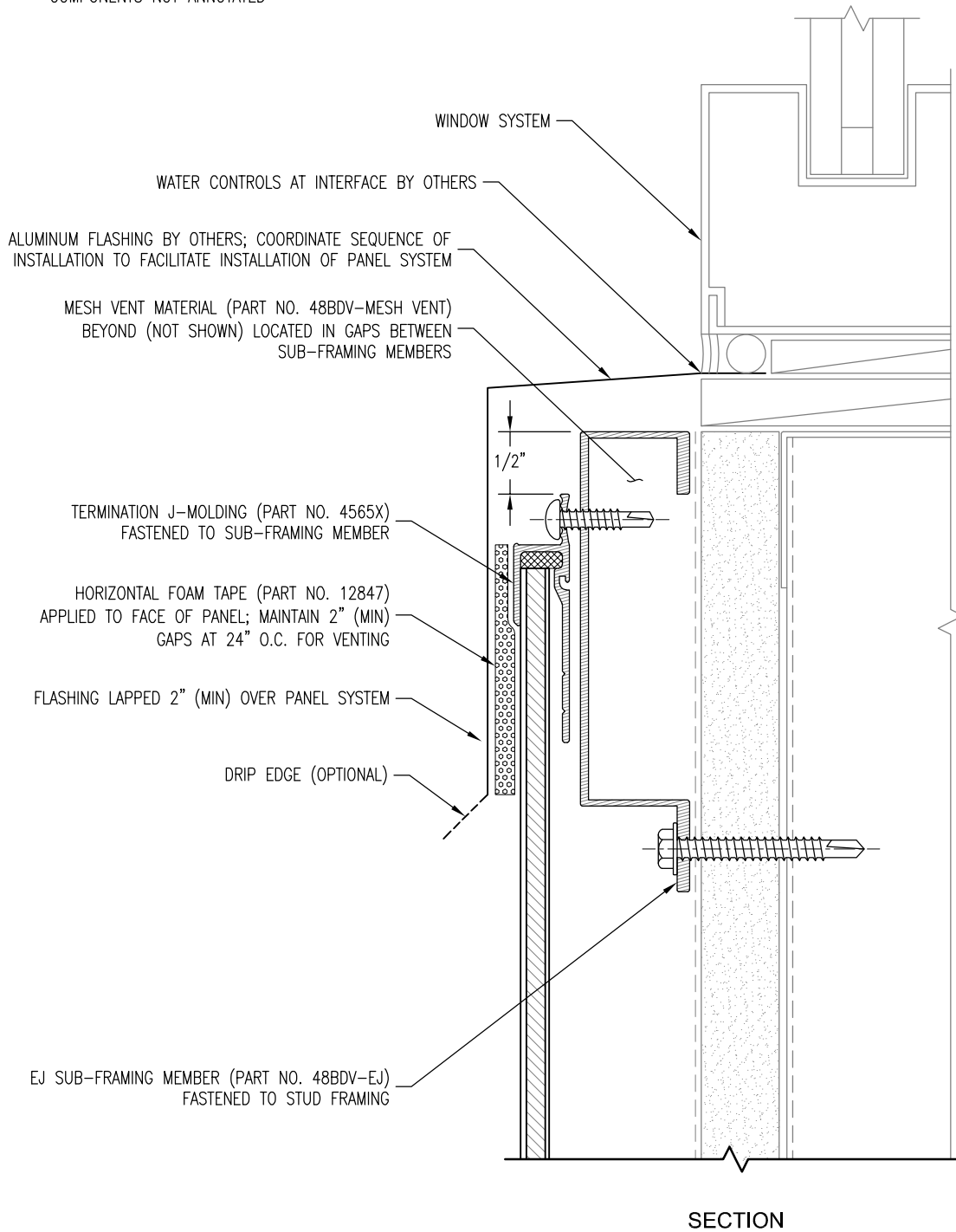
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**WINDOW HEAD DETAIL (NFPA 285 ZONE)**  
**1-PIECE, TIGHT-FIT MOLDING INSTALLATION SYSTEM**  
**WITH BD&V SUB-FRAMING OVER GYPSUM SHEATHING**

Date: 3/21/2023	Drawn By: JJM	Detail Set: 1P-BDV-GYP	Dwg. No.: S-8.2	Rev: 01
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**DETAIL NOTES:**

1. SPACING SHOWN BETWEEN SOME INSTALLATION SYSTEM COMPONENTS EXAGGERATED FOR CLARITY
2. REFER TO BD&V SUB-FRAMING LAYOUTS FOR FASTENING REQUIREMENTS
3. REFER TO SYSTEM COMPONENT LAYOUTS FOR TYPICAL FOAM TAPE, PANEL ADHESIVE, AND MOLDING FASTENING REQUIREMENTS
4. REFER TO S-1.1 OR S-1.2 FOR TYPICAL COMPONENTS NOT ANNOTATED



**SECTION**



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**WINDOW SILL DETAIL**

1-PIECE, TIGHT-FIT MOLDING INSTALLATION SYSTEM  
WITH BD&V SUB-FRAMING OVER GYPSUM SHEATHING

Date:  
3/21/2023

Drawn By:  
JJM

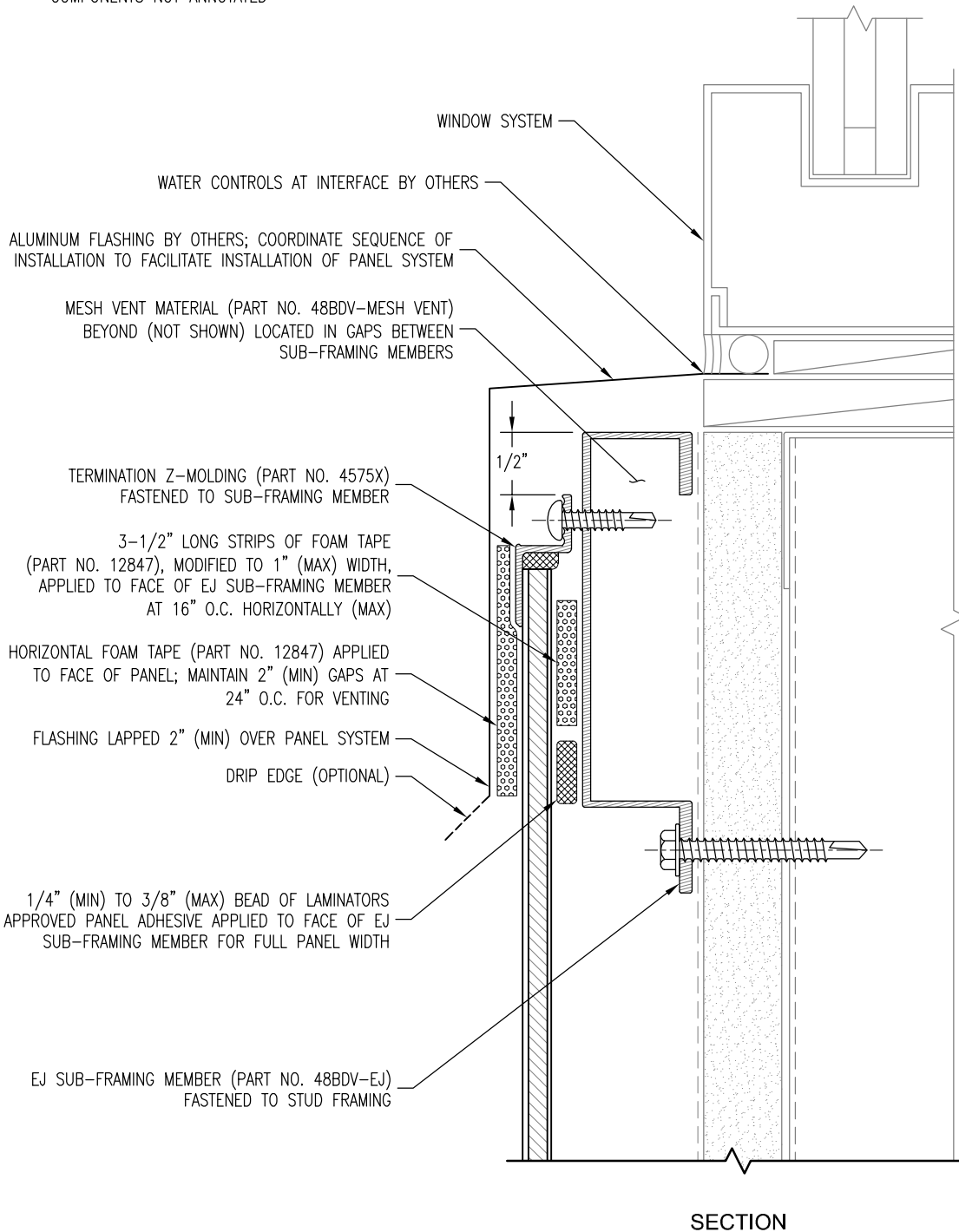
Detail Set:  
1P-BDV-GYP

Dwg. No.:  
S-9.1

Rev:  
02

**DETAIL NOTES:**

1. SPACING SHOWN BETWEEN SOME INSTALLATION SYSTEM COMPONENTS EXAGGERATED FOR CLARITY
2. REFER TO BD&V SUB-FRAMING LAYOUTS FOR FASTENING REQUIREMENTS
3. REFER TO SYSTEM COMPONENT LAYOUTS FOR TYPICAL FOAM TAPE, PANEL ADHESIVE, AND MOLDING FASTENING REQUIREMENTS
4. REFER TO S-1.1 OR S-1.2 FOR TYPICAL COMPONENTS NOT ANNOTATED



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WINDOW SILL DETAIL w/ TERMINATION Z-MOLDING

1-PIECE, TIGHT-FIT MOLDING INSTALLATION SYSTEM  
WITH BD&V SUB-FRAMING OVER GYPSUM SHEATHING

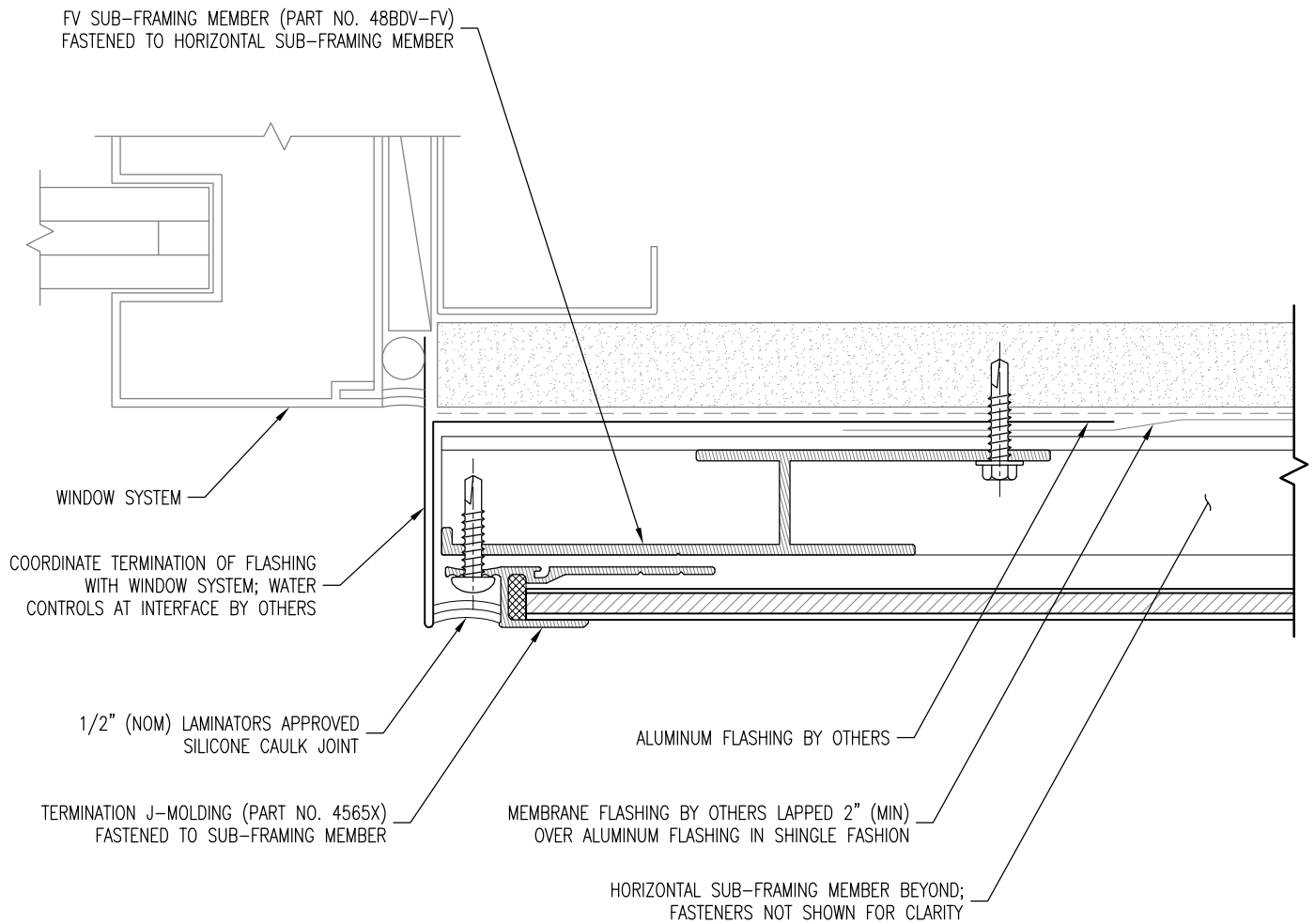
Date:  
3/21/2023

Drawn By:  
JJM

Detail Set:  
1P-BDV-GYP

Dwg. No.:  
S-9.2

Rev:  
02



**PLAN SECTION**

**DETAIL NOTES:**

1. SPACING SHOWN BETWEEN SOME INSTALLATION SYSTEM COMPONENTS EXAGGERATED FOR CLARITY
2. REFER TO BD&V SUB-FRAMING LAYOUTS FOR FASTENING REQUIREMENTS
3. REFER TO SYSTEM COMPONENT LAYOUTS FOR TYPICAL FOAM TAPE, PANEL ADHESIVE, AND MOLDING FASTENING REQUIREMENTS
4. REFER TO S-1.1 OR S-1.2 FOR TYPICAL COMPONENTS NOT ANNOTATED



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**WINDOW JAMB DETAIL**

1-PIECE, TIGHT-FIT MOLDING INSTALLATION SYSTEM  
WITH BD&V SUB-FRAMING OVER GYPSUM SHEATHING

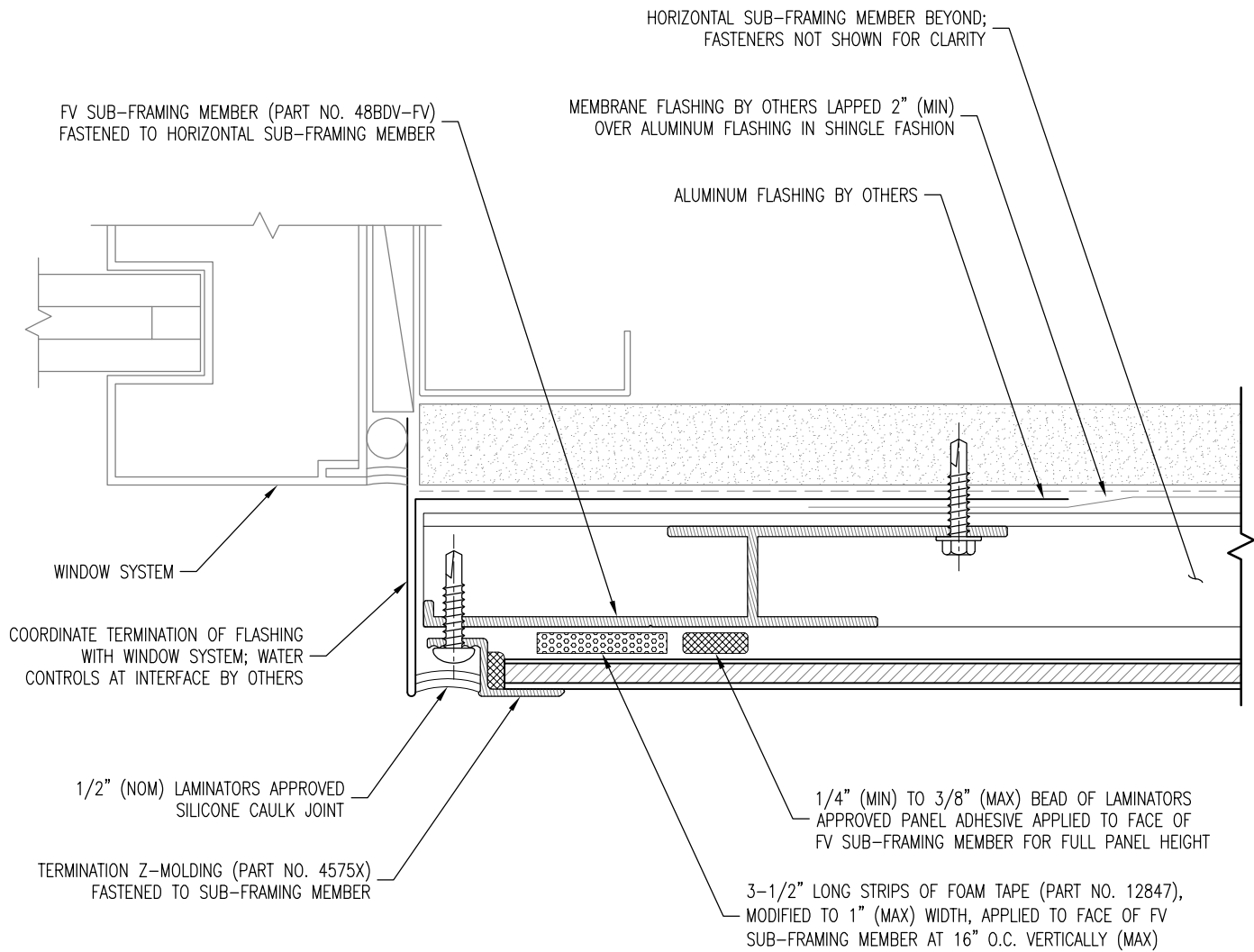
Date:  
5/1/2019

Drawn By:  
JJM

Detail Set:  
1P-BDV-GYP

Dwg. No.:  
S-10.1

Rev:  
01



**PLAN SECTION**

**DETAIL NOTES:**

1. SPACING SHOWN BETWEEN SOME INSTALLATION SYSTEM COMPONENTS EXAGGERATED FOR CLARITY
2. REFER TO BD&V SUB-FRAMING LAYOUTS FOR FASTENING REQUIREMENTS
3. REFER TO SYSTEM COMPONENT LAYOUTS FOR TYPICAL FOAM TAPE, PANEL ADHESIVE, AND MOLDING FASTENING REQUIREMENTS
4. REFER TO S-1.1 OR S-1.2 FOR TYPICAL COMPONENTS NOT ANNOTATED



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WINDOW JAMB DETAIL w/ TERM Z-MOLDING

1-PIECE, TIGHT-FIT MOLDING INSTALLATION SYSTEM  
WITH BD&V SUB-FRAMING OVER GYPSUM SHEATHING

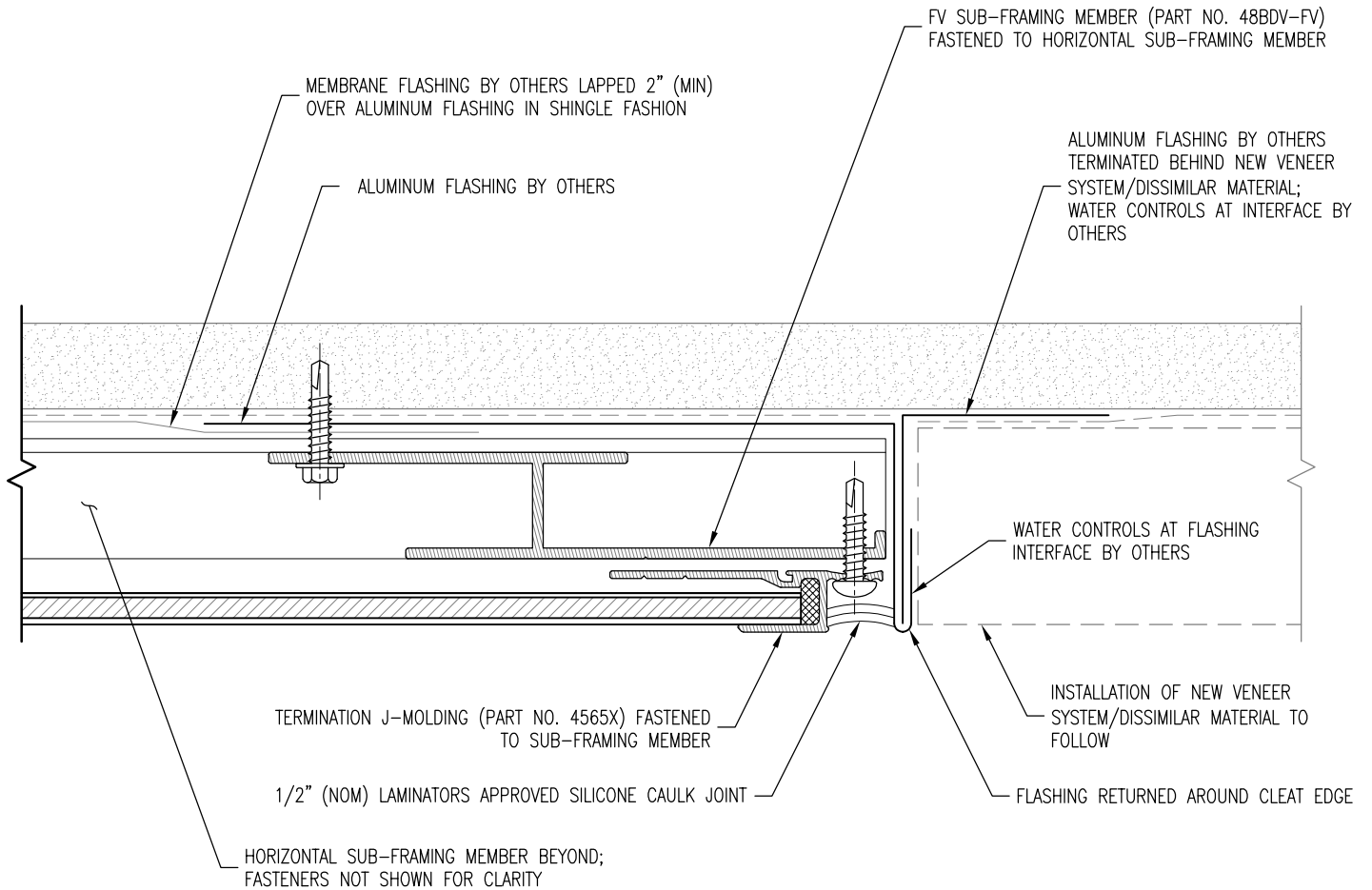
Date:  
5/1/2019

Drawn By:  
JJM

Detail Set:  
1P-BDV-GYP

Dwg. No.:  
S-10.2

Rev:  
01



**PLAN SECTION**

**DETAIL NOTES:**

1. SPACING SHOWN BETWEEN SOME INSTALLATION SYSTEM COMPONENTS EXAGGERATED FOR CLARITY
2. REFER TO BD&V SUB-FRAMING LAYOUTS FOR FASTENING REQUIREMENTS
3. REFER TO SYSTEM COMPONENT LAYOUTS FOR TYPICAL FOAM TAPE, PANEL ADHESIVE, AND MOLDING FASTENING REQUIREMENTS
4. REFER TO S-1.1 OR S-1.2 FOR TYPICAL COMPONENTS NOT ANNOTATED



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RIGHT VERTICAL EDGE DETAIL (ADJACENT TO NEW)

1-PIECE, TIGHT-FIT MOLDING INSTALLATION SYSTEM  
WITH BD&V SUB-FRAMING OVER GYPSUM SHEATHING

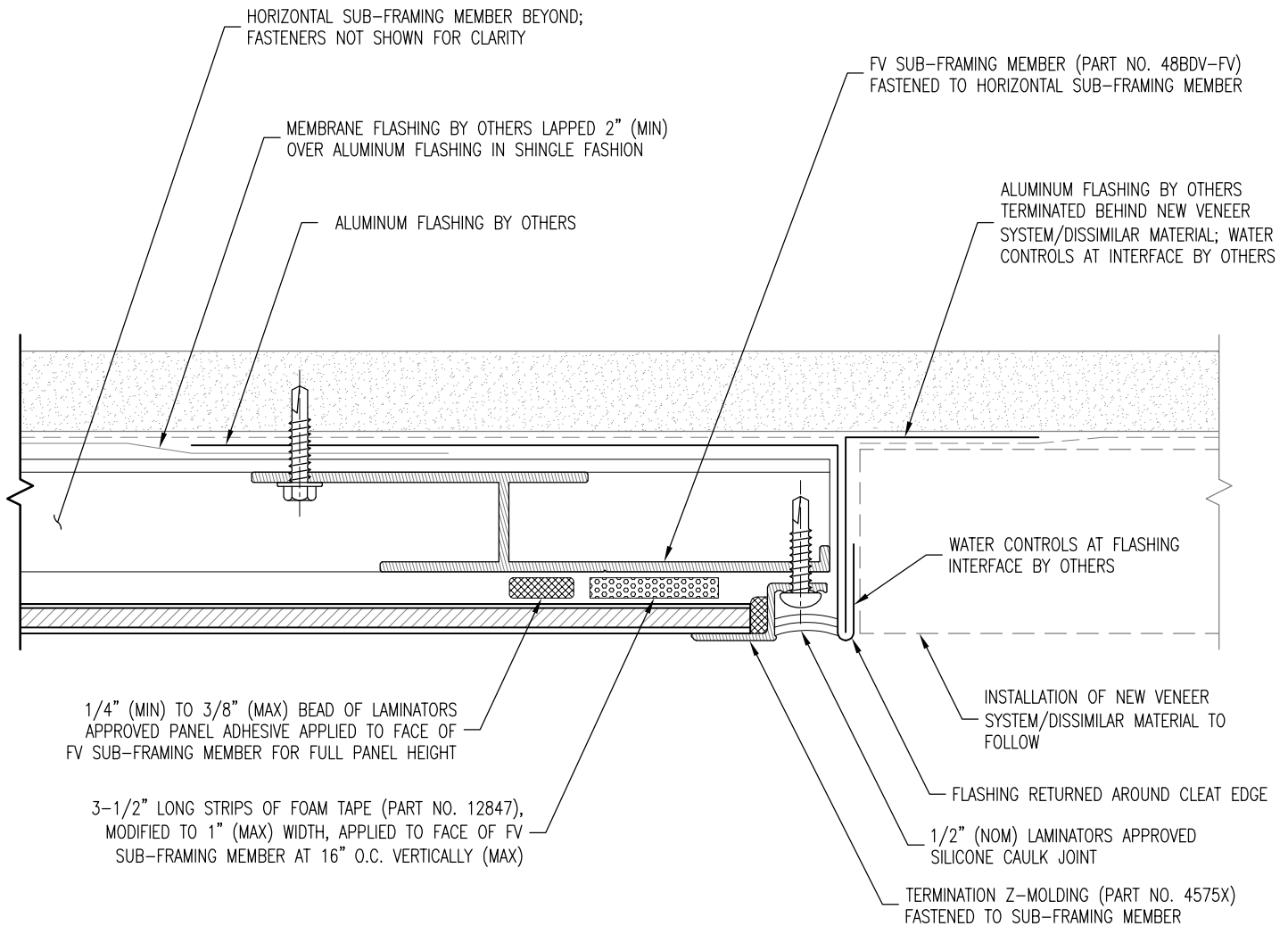
Date:  
5/1/2019

Drawn By:  
JJM

Detail Set:  
1P-BDV-GYP

Dwg. No.:  
S-11.1

Rev:  
01



**PLAN SECTION**

**DETAIL NOTES:**

1. SPACING SHOWN BETWEEN SOME INSTALLATION SYSTEM COMPONENTS EXAGGERATED FOR CLARITY
2. REFER TO BD&V SUB-FRAMING LAYOUTS FOR FASTENING REQUIREMENTS
3. REFER TO SYSTEM COMPONENT LAYOUTS FOR TYPICAL FOAM TAPE, PANEL ADHESIVE, AND MOLDING FASTENING REQUIREMENTS
4. REFER TO S-1.1 OR S-1.2 FOR TYPICAL COMPONENTS NOT ANNOTATED



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**RIGHT VERTICAL EDGE DETAIL w/ TERM Z (ADJ. TO NEW)**

**1-PIECE, TIGHT-FIT MOLDING INSTALLATION SYSTEM  
WITH BD&V SUB-FRAMING OVER GYPSUM SHEATHING**

Date:  
5/1/2019

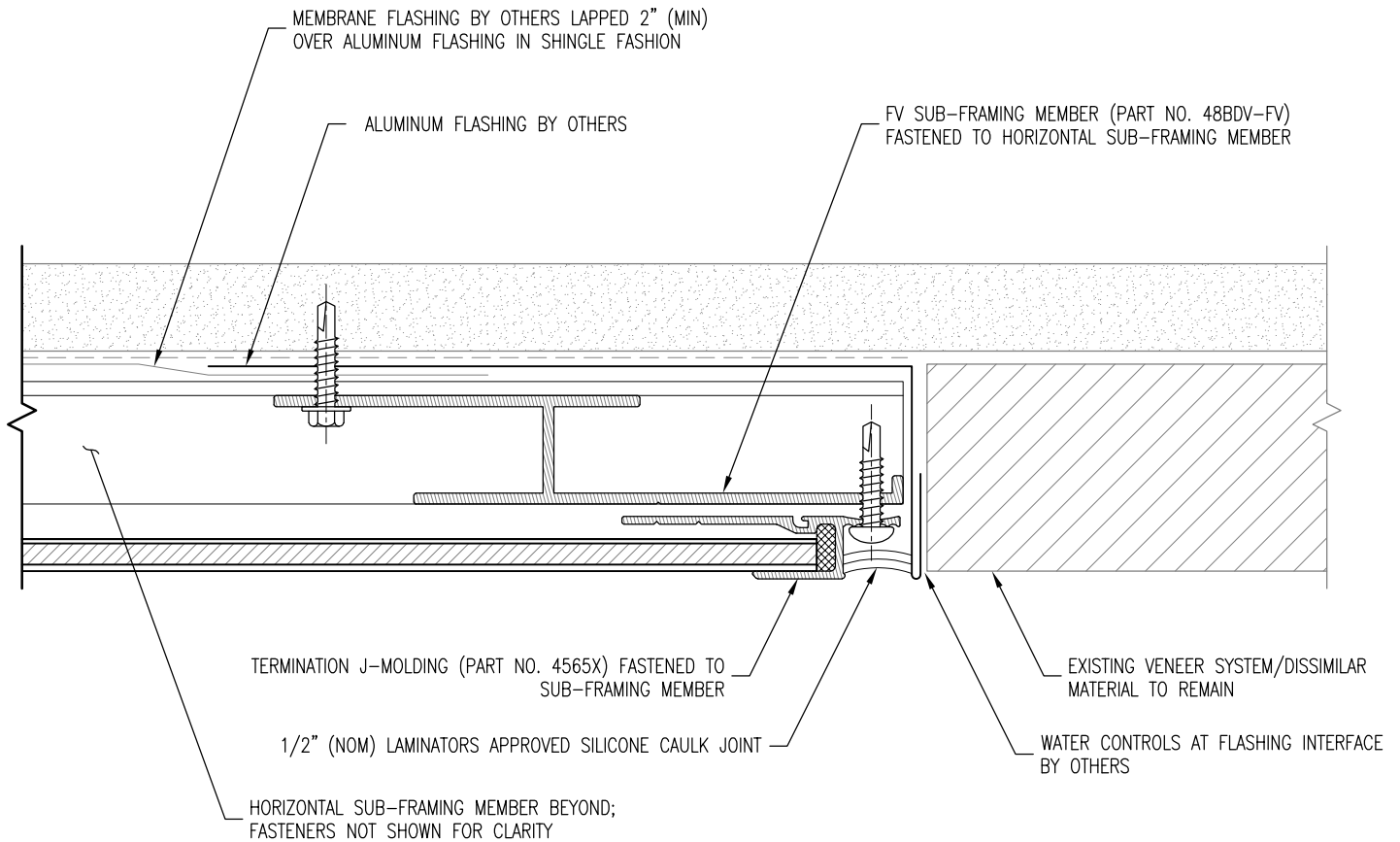
Drawn By:  
JJM

Detail Set:  
1P-BDV-GYP

Dwg. No.:  
S-11.2

Rev:  
01





**PLAN SECTION**

**DETAIL NOTES:**

1. SPACING SHOWN BETWEEN SOME INSTALLATION SYSTEM COMPONENTS EXAGGERATED FOR CLARITY
2. REFER TO BD&V SUB-FRAMING LAYOUTS FOR FASTENING REQUIREMENTS
3. REFER TO SYSTEM COMPONENT LAYOUTS FOR TYPICAL FOAM TAPE, PANEL ADHESIVE, AND MOLDING FASTENING REQUIREMENTS
4. REFER TO S-1.1 OR S-1.2 FOR TYPICAL COMPONENTS NOT ANNOTATED



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RIGHT VERTICAL EDGE DETAIL (ADJACENT TO EXISTING)

1-PIECE, TIGHT-FIT MOLDING INSTALLATION SYSTEM  
WITH BD&V SUB-FRAMING OVER GYPSUM SHEATHING

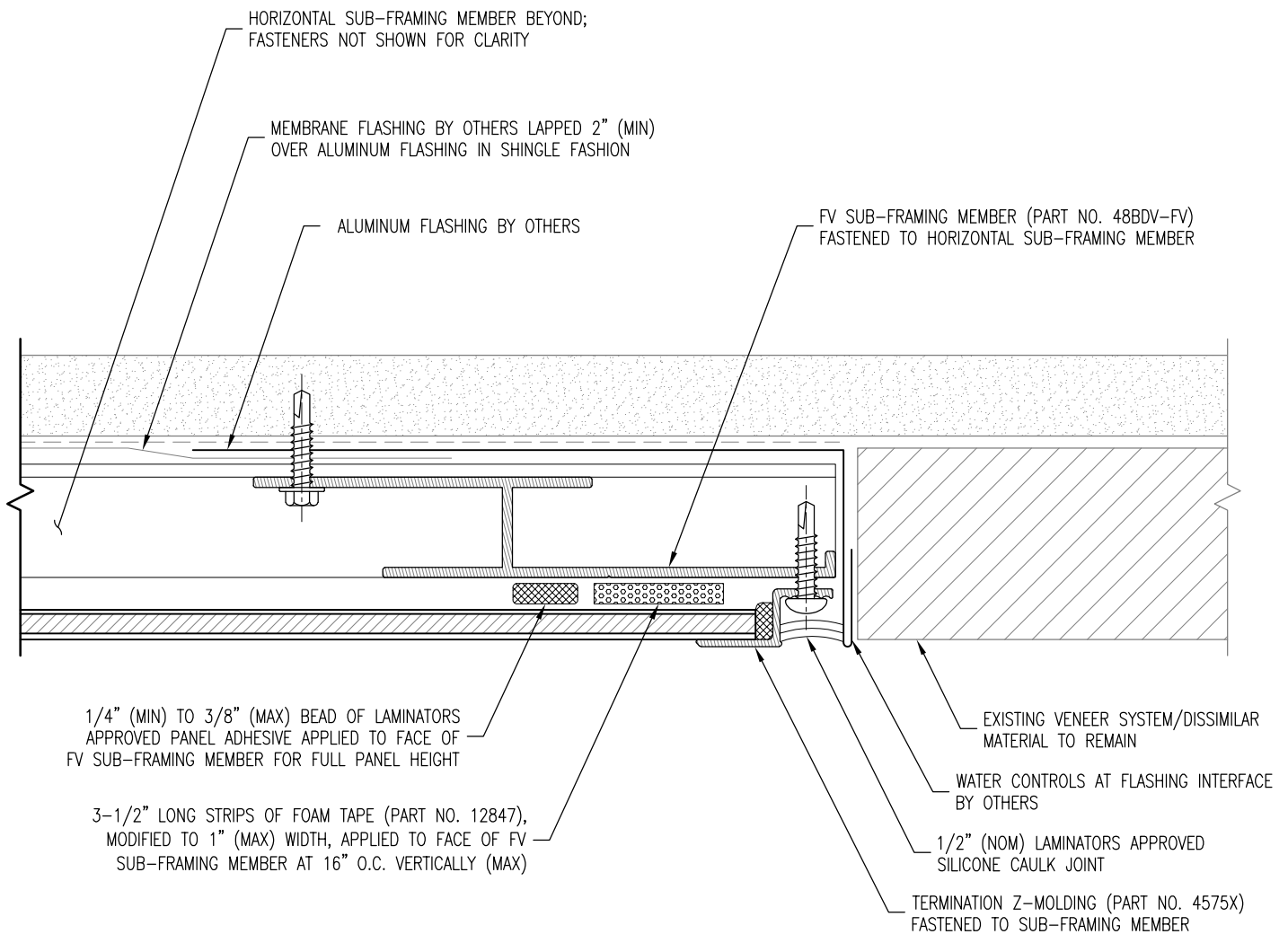
Date:  
5/1/2019

Drawn By:  
JJM

Detail Set:  
1P-BDV-GYP

Dwg. No.:  
S-11.3

Rev:  
01



**PLAN SECTION**

**DETAIL NOTES:**

1. SPACING SHOWN BETWEEN SOME INSTALLATION SYSTEM COMPONENTS EXAGGERATED FOR CLARITY
2. REFER TO BD&V SUB-FRAMING LAYOUTS FOR FASTENING REQUIREMENTS
3. REFER TO SYSTEM COMPONENT LAYOUTS FOR TYPICAL FOAM TAPE, PANEL ADHESIVE, AND MOLDING FASTENING REQUIREMENTS
4. REFER TO S-1.1 OR S-1.2 FOR TYPICAL COMPONENTS NOT ANNOTATED



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RIGHT VERTICAL EDGE DETAIL w/ TERM Z (ADJ. TO EXISTING)

1-PIECE, TIGHT-FIT MOLDING INSTALLATION SYSTEM  
WITH BD&V SUB-FRAMING OVER GYPSUM SHEATHING

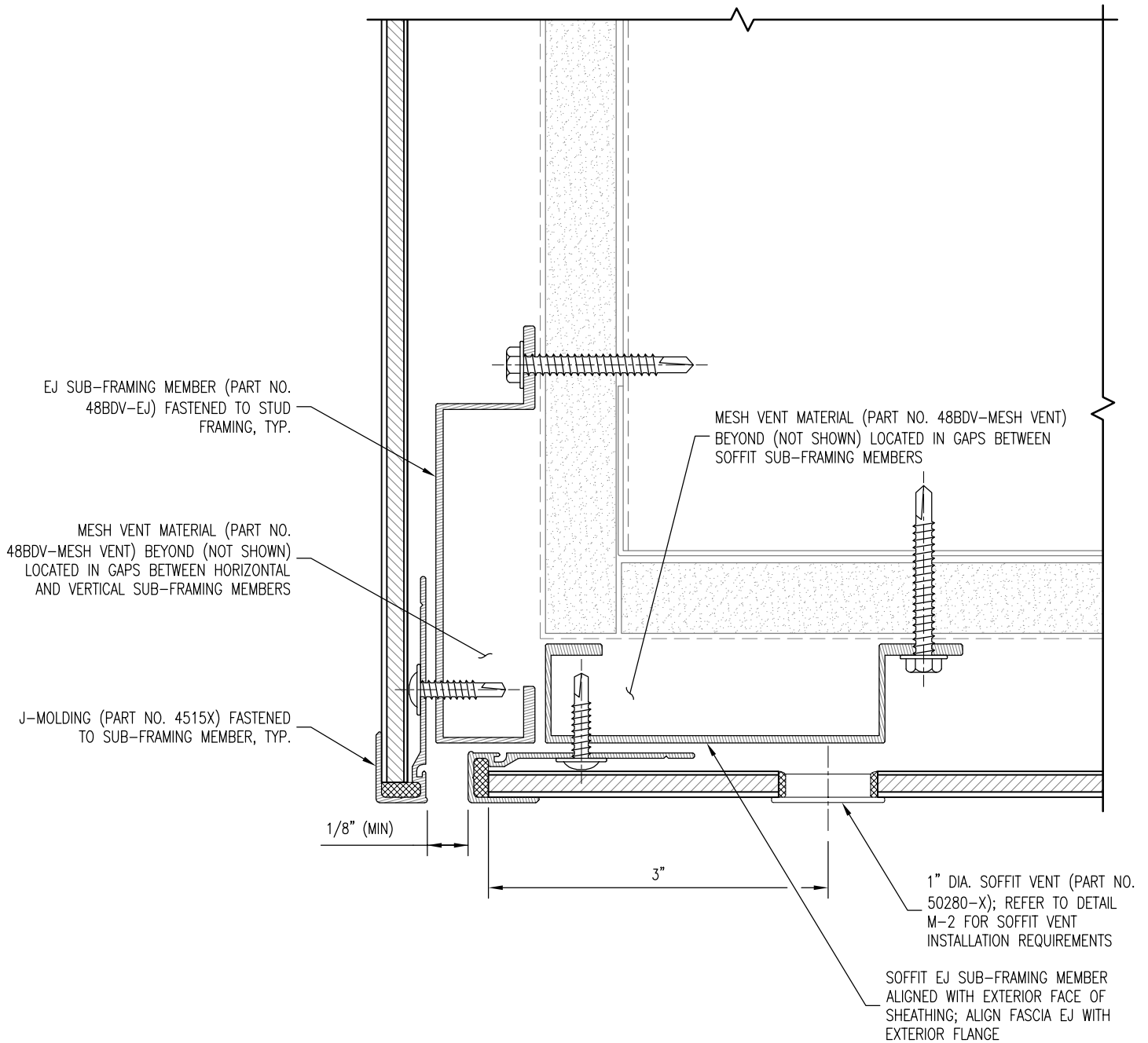
Date:  
5/1/2019

Drawn By:  
JJM

Detail Set:  
1P-BDV-GYP

Dwg. No.:  
S-11.4

Rev:  
01



**SECTION**

**DETAIL NOTES:**

1. SPACING SHOWN BETWEEN SOME INSTALLATION SYSTEM COMPONENTS EXAGGERATED FOR CLARITY
2. REFER TO BD&V SUB-FRAMING LAYOUTS FOR FASTENING REQUIREMENTS
3. REFER TO SYSTEM COMPONENT LAYOUTS FOR TYPICAL FOAM TAPE, PANEL ADHESIVE, AND MOLDING FASTENING REQUIREMENTS
4. REFER TO S-1.1 OR S-1.2 FOR TYPICAL COMPONENTS NOT ANNOTATED

**MOLDING SEQUENCING NOTES:**

1. BEGIN INSTALLATION AT TRANSITION
2. FASCIA INSTALLATION PROCEEDS UPWARD
3. SOFFIT INSTALLATION PROCEEDS TO THE RIGHT
4. REFER TO SYSTEM GUIDE FOR ADDITIONAL INFORMATION



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FASCIA-TO-SOFFIT TRANSITION DETAIL (MOLDING OPTION)

1-PIECE, TIGHT-FIT MOLDING INSTALLATION SYSTEM  
WITH BD&V SUB-FRAMING OVER GYPSUM SHEATHING

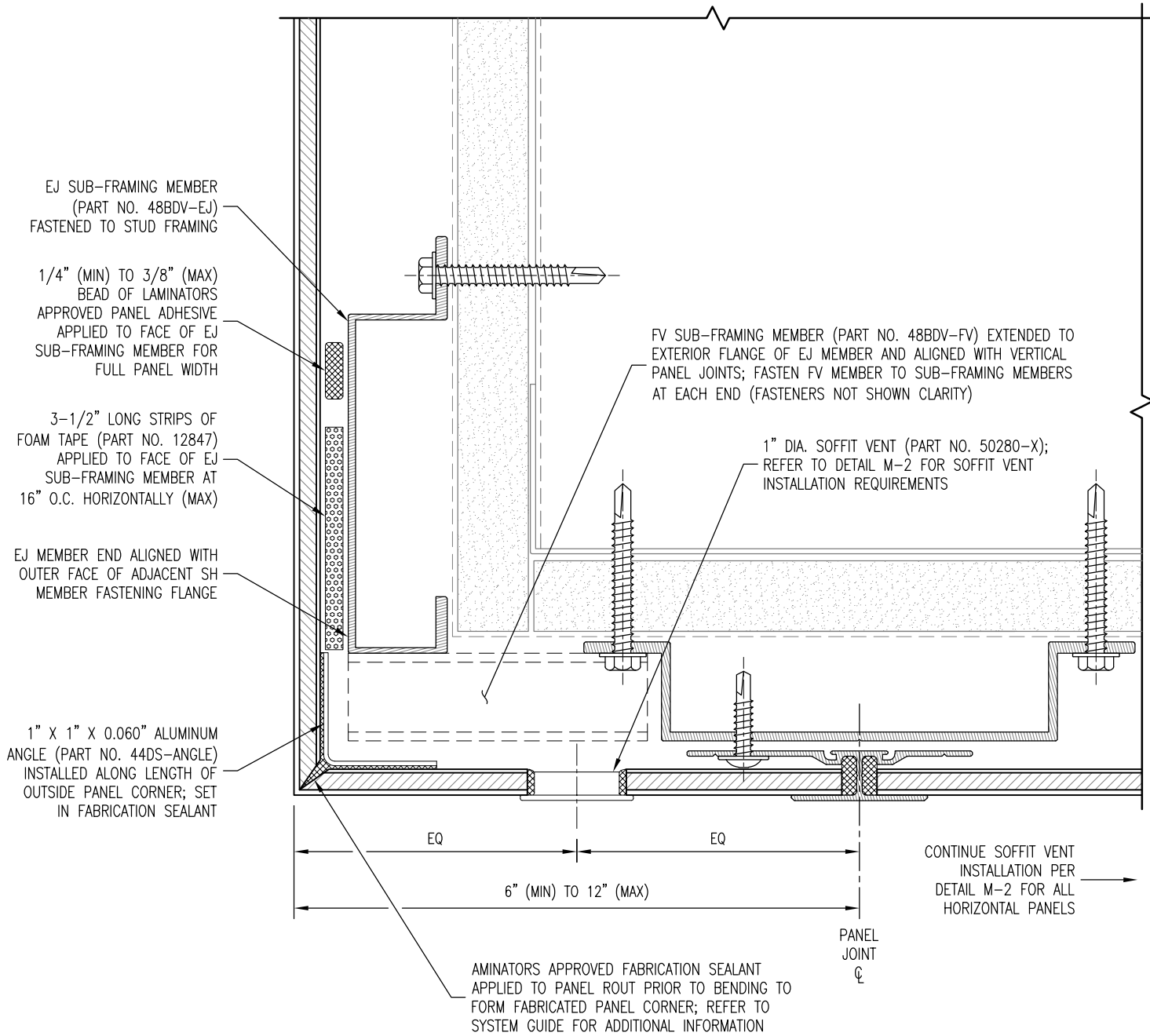
Date:  
3/21/2023

Drawn By:  
JJM

Detail Set:  
1P-BDV-GYP

Dwg. No.:  
S-12.1

Rev:  
02



**SECTION**

**DETAIL NOTES:**

1. SPACING SHOWN BETWEEN SOME INSTALLATION SYSTEM COMPONENTS EXAGGERATED FOR CLARITY
2. REFER TO BD&V SUB-FRAMING LAYOUTS FOR FASTENING REQUIREMENTS
3. REFER TO SYSTEM COMPONENT LAYOUTS FOR TYPICAL FOAM TAPE, PANEL ADHESIVE, AND MOLDING FASTENING REQUIREMENTS
4. REFER TO S-1.1 OR S-1.2 FOR TYPICAL COMPONENTS NOT ANNOTATED



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FASCIA-TO-SOFFIT TRANSITION DETAIL (FABRICATED OPTION)

1-PIECE, TIGHT-FIT MOLDING INSTALLATION SYSTEM WITH BD&V SUB-FRAMING OVER GYPSUM SHEATHING

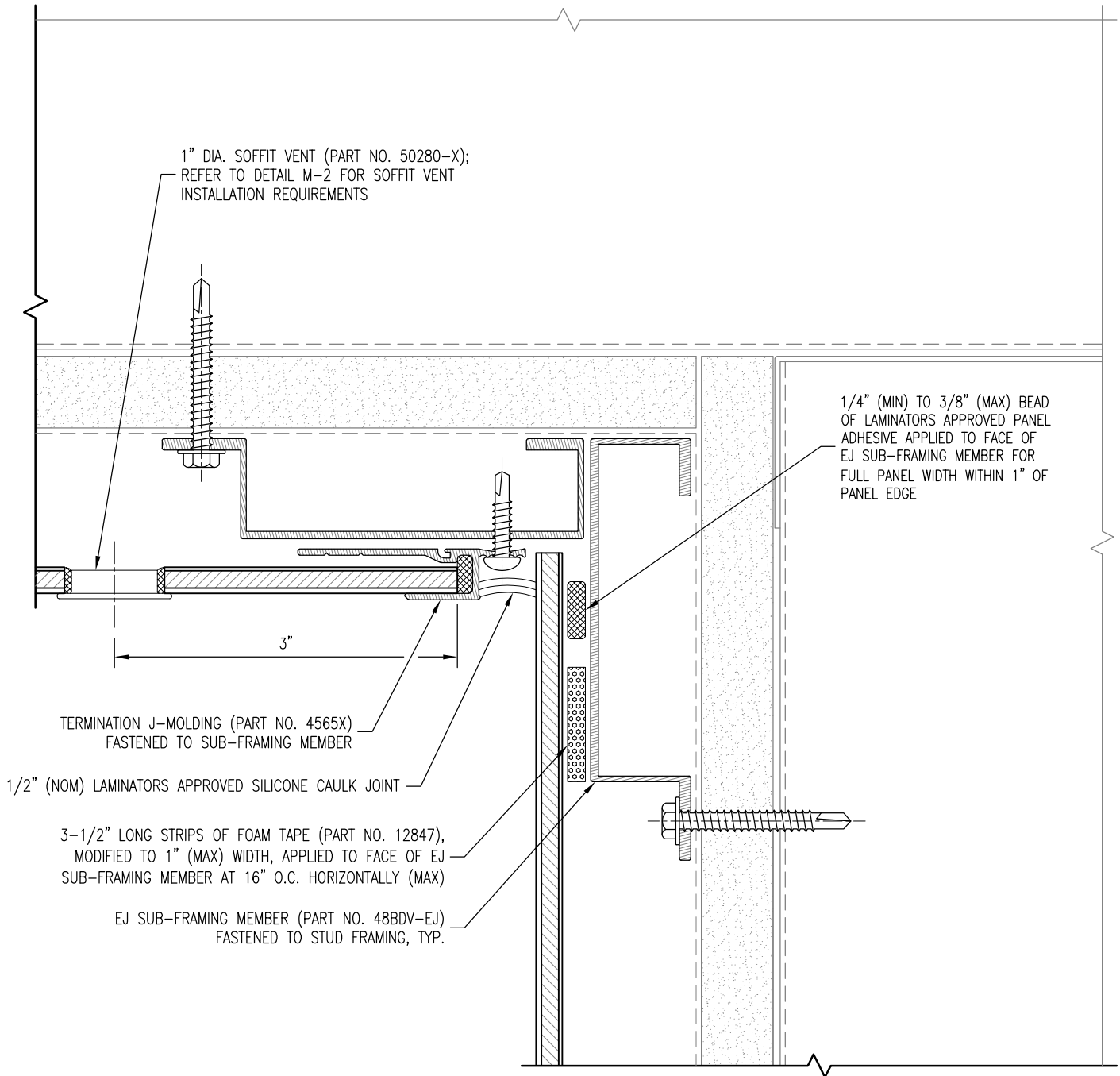
Date: 3/21/2023

Drawn By: JJM

Detail Set: 1P-BDV-GYP

Dwg. No.: S-12.2

Rev: 03



**SECTION**

**DETAIL NOTES:**

1. SPACING SHOWN BETWEEN SOME INSTALLATION SYSTEM COMPONENTS EXAGGERATED FOR CLARITY
2. REFER TO BD&V SUB-FRAMING LAYOUTS FOR FASTENING REQUIREMENTS
3. REFER TO SYSTEM COMPONENT LAYOUTS FOR TYPICAL FOAM TAPE, PANEL ADHESIVE, AND MOLDING FASTENING REQUIREMENTS
4. REFER TO S-1.1 OR S-1.2 FOR TYPICAL COMPONENTS NOT ANNOTATED

**MOLDING SEQUENCING NOTES:**

1. COMPLETE INSTALLATION OF WALL PANEL PRIOR TO ADJACENT SOFFIT PANEL
2. REFER TO SYSTEM GUIDE FOR ADDITIONAL INFORMATION



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**SOFFIT-TO-WALL TRANSITION DETAIL (MOLDING OPTION)**

**1-PIECE, TIGHT-FIT MOLDING INSTALLATION SYSTEM  
WITH BD&V SUB-FRAMING OVER GYPSUM SHEATHING**

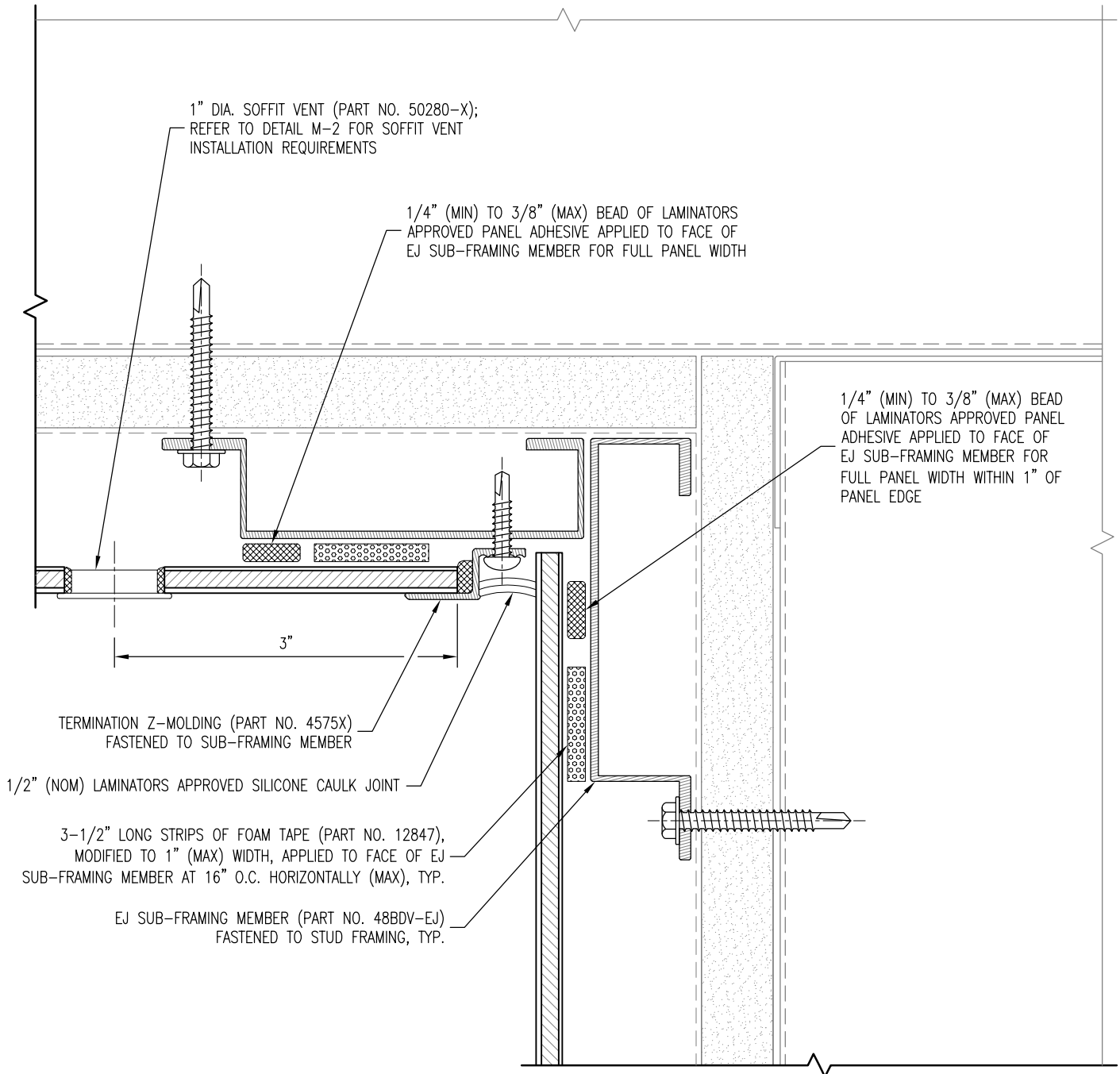
Date:  
3/21/2023

Drawn By:  
JJM

Detail Set:  
1P-BDV-GYP

Dwg. No.:  
S-13.1

Rev:  
02



**SECTION**

**DETAIL NOTES:**

1. SPACING SHOWN BETWEEN SOME INSTALLATION SYSTEM COMPONENTS EXAGGERATED FOR CLARITY
2. REFER TO BD&V SUB-FRAMING LAYOUTS FOR FASTENING REQUIREMENTS
3. REFER TO SYSTEM COMPONENT LAYOUTS FOR TYPICAL FOAM TAPE, PANEL ADHESIVE, AND MOLDING FASTENING REQUIREMENTS
4. REFER TO S-1.1 OR S-1.2 FOR TYPICAL COMPONENTS NOT ANNOTATED

**MOLDING SEQUENCING NOTES:**

1. COMPLETE INSTALLATION OF WALL PANEL PRIOR TO ADJACENT SOFFIT PANEL
2. REFER TO SYSTEM GUIDE FOR ADDITIONAL INFORMATION



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**SOFFIT-TO-WALL TRANSITION DETAIL (TERM Z-MOLDING)**

1-PIECE, TIGHT-FIT MOLDING INSTALLATION SYSTEM  
WITH BD&V SUB-FRAMING OVER GYPSUM SHEATHING

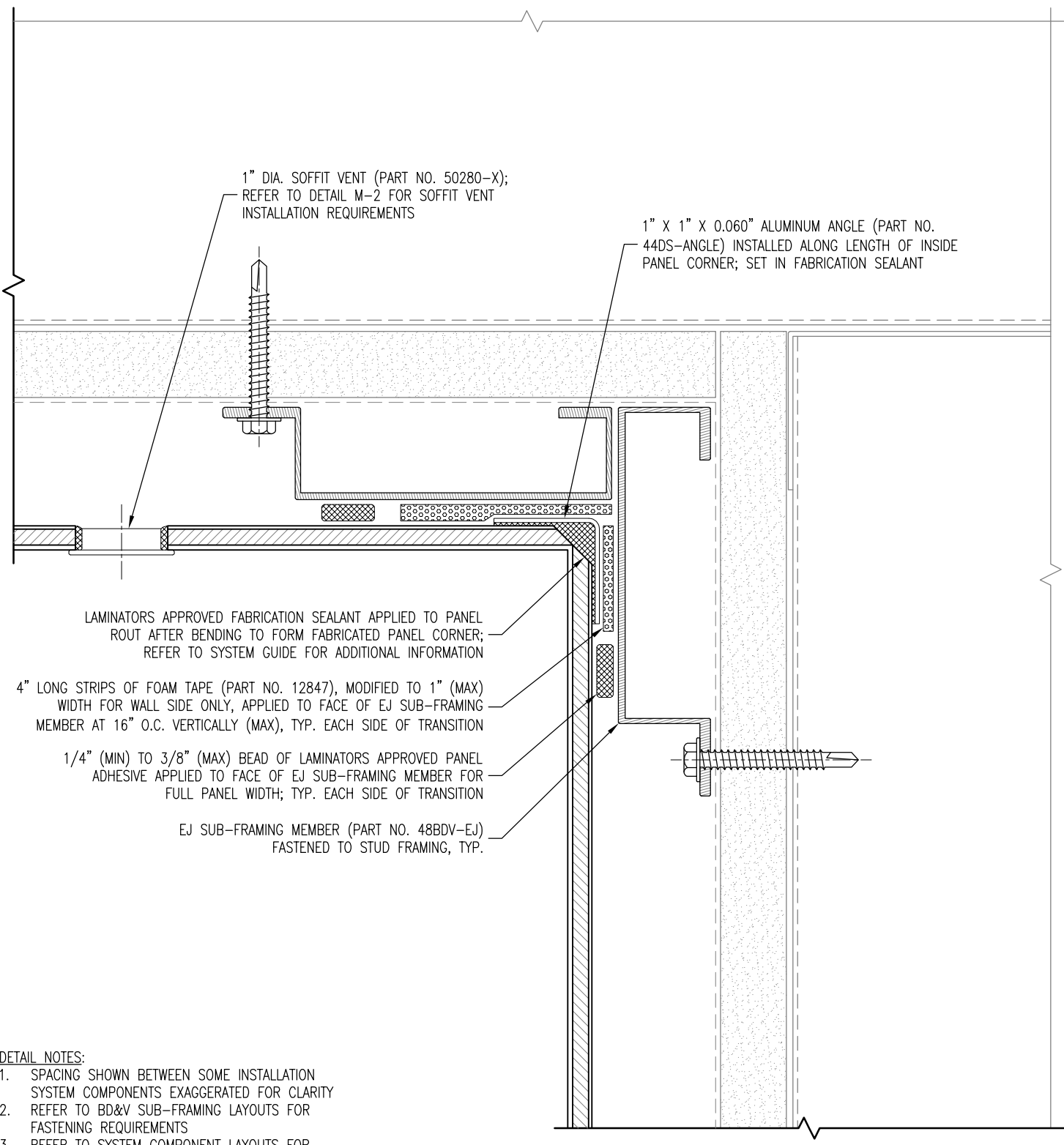
Date:  
3/21/2023

Drawn By:  
JJM

Detail Set:  
1P-BDV-GYP

Dwg. No.:  
S-13.2

Rev:  
02



1" DIA. SOFFIT VENT (PART NO. 50280-X);  
REFER TO DETAIL M-2 FOR SOFFIT VENT  
INSTALLATION REQUIREMENTS

1" X 1" X 0.060" ALUMINUM ANGLE (PART NO.  
44DS-ANGLE) INSTALLED ALONG LENGTH OF INSIDE  
PANEL CORNER; SET IN FABRICATION SEALANT

LAMINATORS APPROVED FABRICATION SEALANT APPLIED TO PANEL  
ROUT AFTER BENDING TO FORM FABRICATED PANEL CORNER;  
REFER TO SYSTEM GUIDE FOR ADDITIONAL INFORMATION

4" LONG STRIPS OF FOAM TAPE (PART NO. 12847), MODIFIED TO 1" (MAX)  
WIDTH FOR WALL SIDE ONLY, APPLIED TO FACE OF EJ SUB-FRAMING  
MEMBER AT 16" O.C. VERTICALLY (MAX), TYP. EACH SIDE OF TRANSITION

1/4" (MIN) TO 3/8" (MAX) BEAD OF LAMINATORS APPROVED PANEL  
ADHESIVE APPLIED TO FACE OF EJ SUB-FRAMING MEMBER FOR  
FULL PANEL WIDTH; TYP. EACH SIDE OF TRANSITION

EJ SUB-FRAMING MEMBER (PART NO. 48BDV-EJ)  
FASTENED TO STUD FRAMING, TYP.

**DETAIL NOTES:**

1. SPACING SHOWN BETWEEN SOME INSTALLATION SYSTEM COMPONENTS EXAGGERATED FOR CLARITY
2. REFER TO BD&V SUB-FRAMING LAYOUTS FOR FASTENING REQUIREMENTS
3. REFER TO SYSTEM COMPONENT LAYOUTS FOR TYPICAL FOAM TAPE, PANEL ADHESIVE, AND MOLDING FASTENING REQUIREMENTS
4. REFER TO S-1.1 OR S-1.2 FOR TYPICAL COMPONENTS NOT ANNOTATED

**SECTION**



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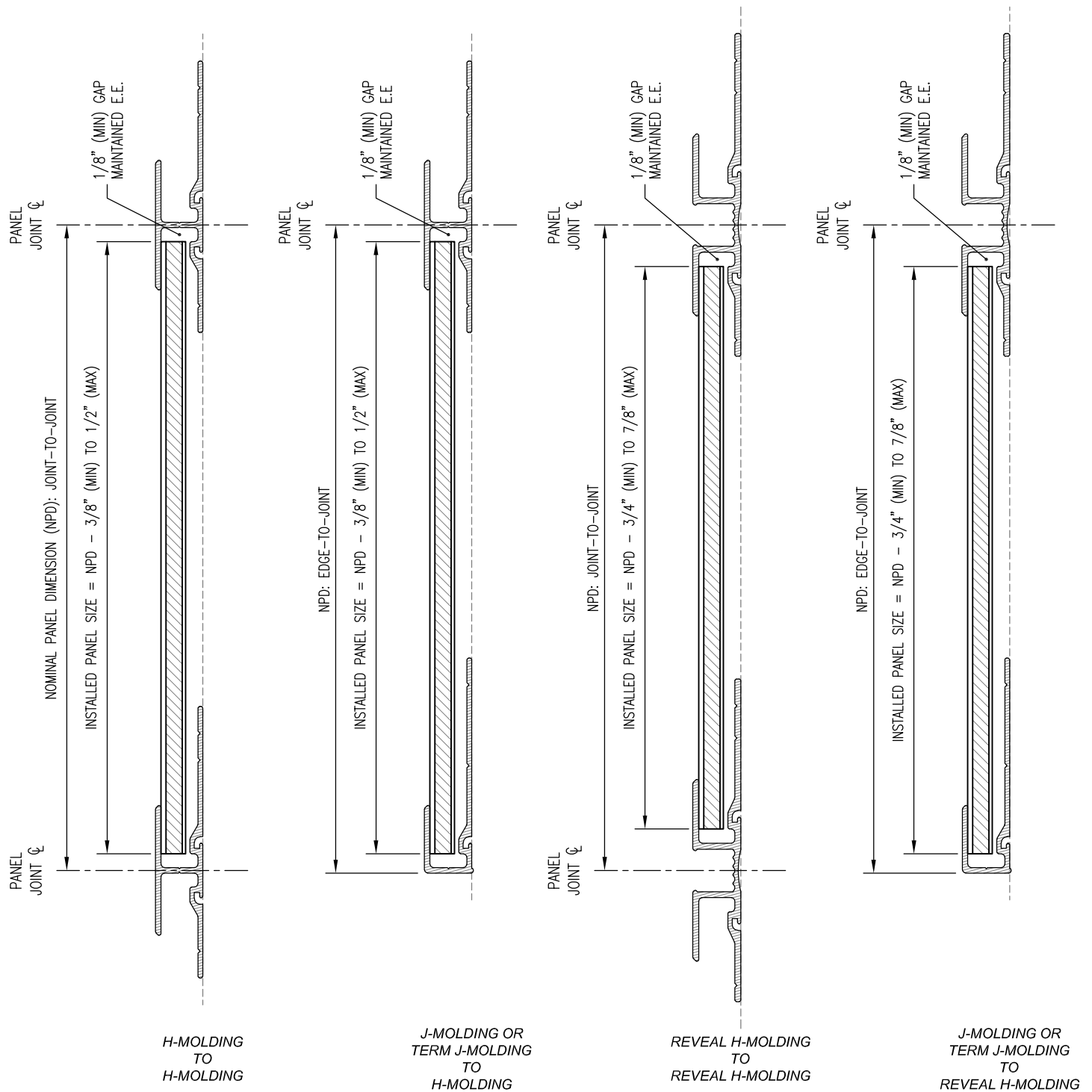
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**SOFFIT-TO-WALL TRANSITION DETAIL (FABRICATED OPTION)**

1-PIECE, TIGHT-FIT MOLDING INSTALLATION SYSTEM  
WITH BD&V SUB-FRAMING OVER GYPSUM SHEATHING

Date: 3/21/2023	Drawn By: JJM	Detail Set: 1P-BDV-GYP	Dwg. No.: S-13.3	Rev: 03
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**DETAIL NOTES:**

1. PANEL SIZING GUIDELINES ASSUME TYPICAL INSTALLATION CONDITIONS WITH A TEMPERATURE CHANGE OF UP TO  $\pm 100^{\circ}\text{F}$  AT THE SURFACE OF ALUMINUM
2. CONTACT LAMINATORS TECHNICAL SUPPORT FOR PANEL SIZING RECOMMENDATIONS RELATED TO PROJECT-SPECIFIC COLD OR HOT WEATHER INSTALLATIONS
3. SILICONE CAULK NOT SHOWN IN MOLDINGS FOR CLARITY



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**PANEL SIZING GUIDELINES**

1-PIECE, TIGHT-FIT MOLDING INSTALLATION SYSTEM  
WITH BD&V SUB-FRAMING OVER GYPSUM SHEATHING

Date:  
10/14/2019

Drawn By:  
JJM

Detail Set:  
1P-BDV-GYP

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01



STEP 1: DRILL 7/8" DIA. HOLE IN PANEL

SUBSTRATE SIDE

7/8"

STEP 2: EDGE SEAL THE PERIMETER OF THE HOLE USING LAMINATORS APPROVED SILICONE CAULK OR FABRICATION SEALANT PRIOR TO INSERTING THE VENT (CAULK/SEALANT MUST BE PUSHED INTO THE FLUTES OF THE PANEL CORE)



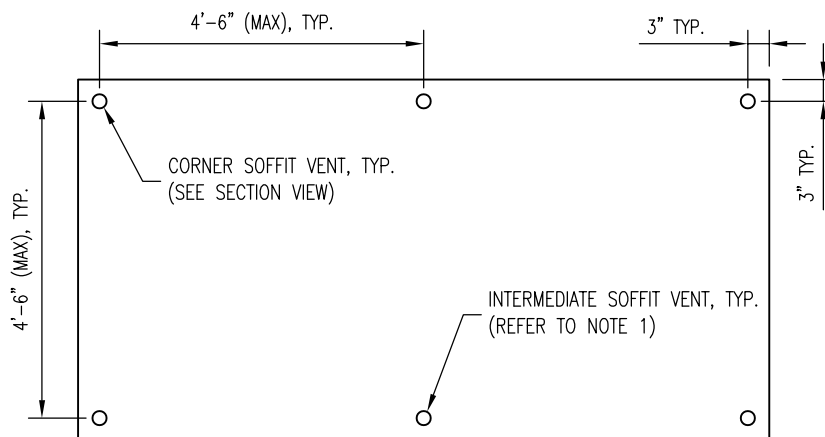
STEP 3: INSTALL BEAD OF LAMINATORS APPROVED SILICONE CAULK OR FABRICATION SEALANT AROUND THE FLANGE OF THE VENT PRIOR TO INSERTING INTO THE HOLE

6mm OMEGA-LITE PANEL, TYP.

STEP 4: INSERT THE VENT INTO THE HOLE WITH A SLIGHT TWISTING MOTION FOR COMPLETE COVERAGE OF THE CAULK/SEALANT AND ADHESION TO BOTH THE PANEL AND THE VENT

1" FACE DIA. (3/4" INSERT DIA.)  
SOFFIT VENT (PART NO. 50280-X)

**SECTION**



**OMEGA-LITE SOFFIT PANEL**

**DETAIL NOTES:**

1. FOR PANEL EDGE DIMENSIONS LARGER THAN 5'-0", INTERMEDIATE VENTS SHALL BE INSTALLED WITH EQUAL SPACING
2. FOR PANEL EDGE DIMENSIONS 12" AND SMALLER, A SINGLE ROW OF VENTS MAY BE INSTALLED ALONG THE CENTERLINE OF THE PANEL IN THE LONGER DIRECTION (IN PLACE OF TWO ROWS AS SHOWN ABOVE)
3. CONTACT LAMINATORS TECHNICAL SUPPORT FOR ADDITIONAL INFORMATION ON REQUIRED SOFFIT VENT INSTALLATION FOR UNIQUE PROJECT-SPECIFIC PANEL GEOMETRIES



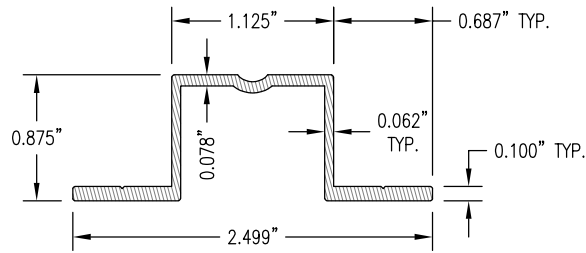
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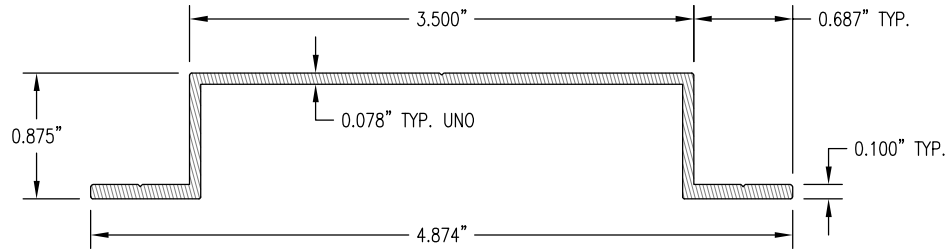
**SOFFIT VENT INSTALLATION REQUIREMENTS**

1-PIECE, TIGHT-FIT MOLDING INSTALLATION SYSTEM  
WITH BD&V SUB-FRAMING OVER GYPSUM SHEATHING

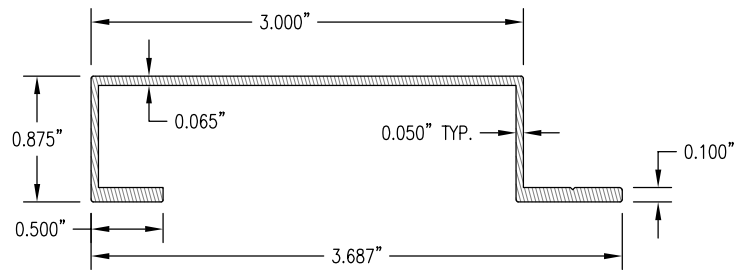
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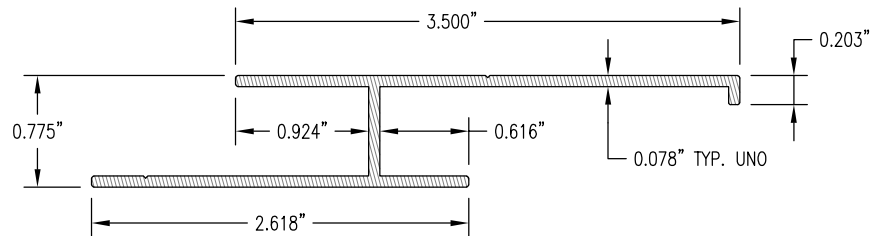
AH SUB-FRAMING MEMBER  
PART NO. 48BDV-AH



SH SUB-FRAMING MEMBER  
PART NO. 48BDV-SH



EJ SUB-FRAMING MEMBER  
PART NO. 48BDV-EJ



FV SUB-FRAMING MEMBER  
PART NO. 48BDV-FV



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BD&V SUB-FRAMING MEMBER PROFILES

1-PIECE, TIGHT-FIT MOLDING INSTALLATION SYSTEM  
WITH BD&V SUB-FRAMING OVER GYPSUM SHEATHING

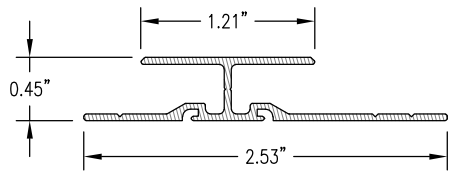
Date:  
3/21/2023

Drawn By:  
JJM

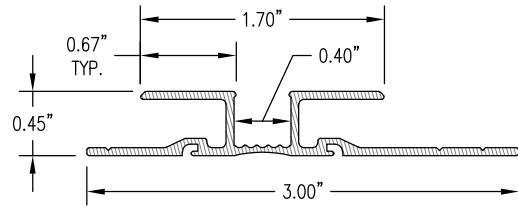
Detail Set:  
1P-BDV-GYP

Dwg. No.:  
M-3

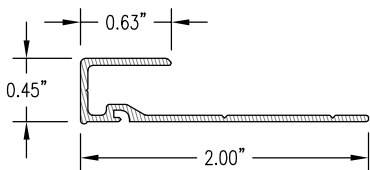
Rev:  
02



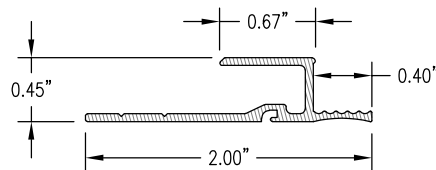
H-MOLDING  
PART NO. 4505X



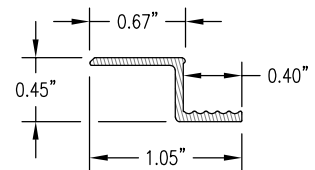
REVEAL H-MOLDING  
PART NO. 4595X



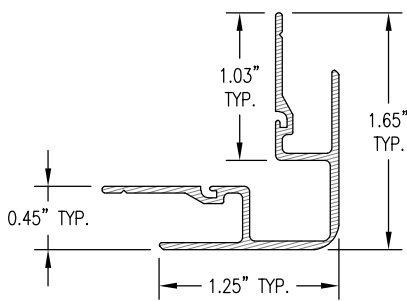
J-MOLDING  
PART NO. 4515X



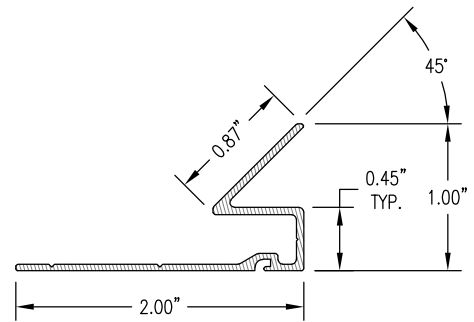
TERMINATION J-MOLDING  
PART NO. 4565X



TERMINATION Z-MOLDING  
PART NO. 4575X



OUTSIDE CORNER MOLDING  
PART NO. 4535X



INSIDE CORNER MOLDING  
PART NO. 4525X



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JOINT DETAIL

1-PIECE, TIGHT-FIT MOLDING INSTALLATION SYSTEM  
WITH BD&V SUB-FRAMING OVER GYPSUM SHEATHING

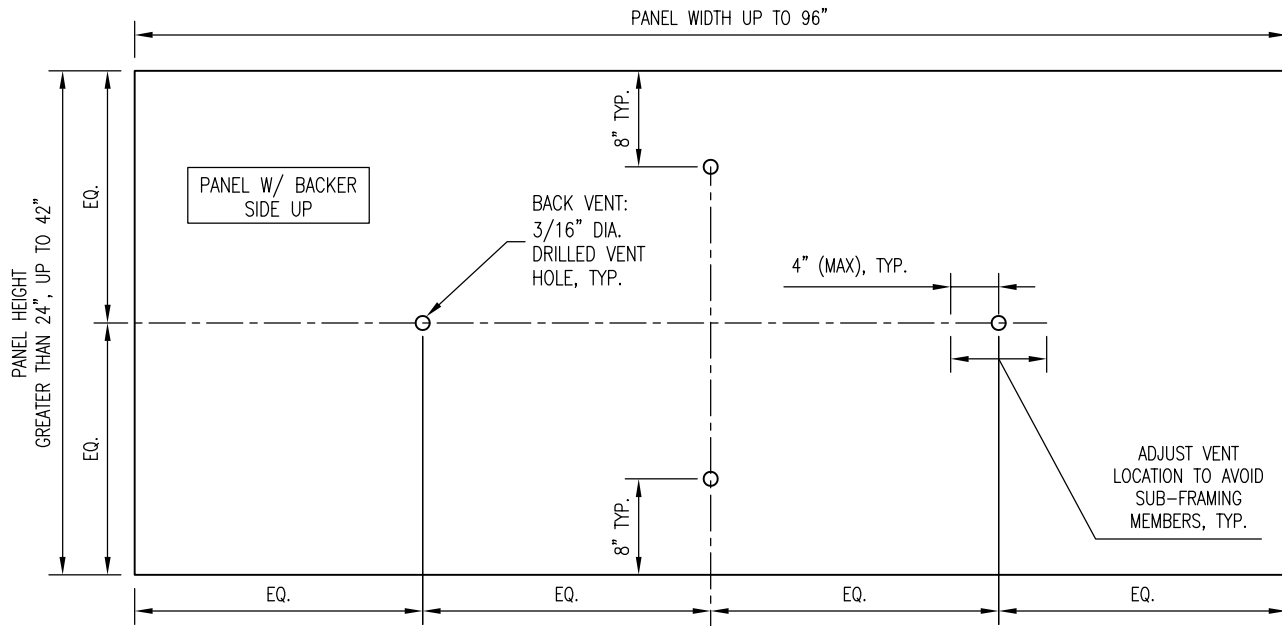
Date:  
10/14/2019

Drawn By:  
JJM

Detail Set:  
1P-BDV-GYP

Dwg. No.:  
M-4

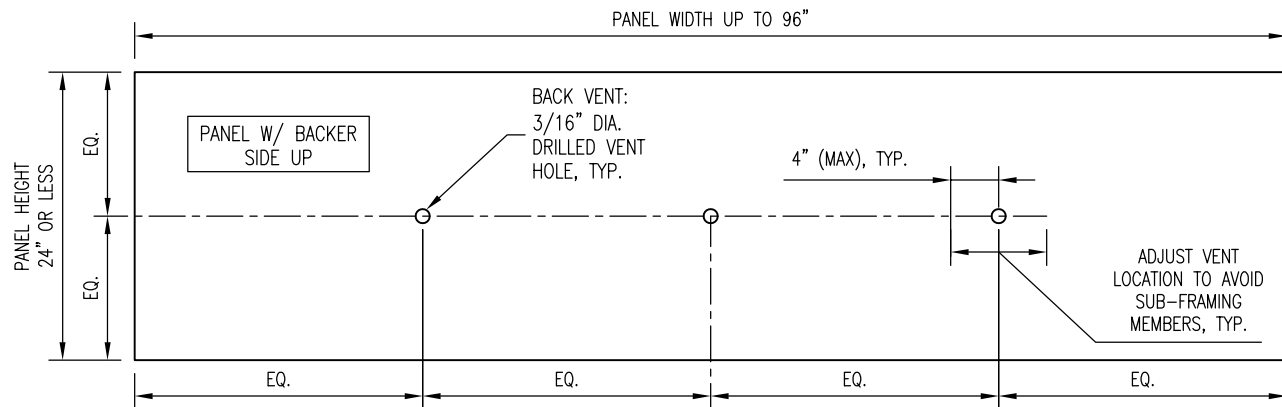
Rev:  
01



VERTICAL PANEL  $\phi$

FOR PANEL WIDTHS GREATER THAN 96": (6) TOTAL BACK VENTS REQUIRED (1 ROW OF 4, 1 COLUMN OF 2)

- EQUALLY SPACE BACK VENTS ALONG PANEL WIDTH
- MAINTAIN (2) BACK VENTS AT VERTICAL PANEL CENTERLINE AS SHOWN; ADJUST VENT LOCATIONS (IF REQUIRED) TO AVOID SUB-FRAMING MEMBERS



VERTICAL PANEL  $\phi$

FOR PANEL WIDTHS GREATER THAN 96": PROVIDE (5) TOTAL BACK VENTS (1 ROW OF 5)

- EQUALLY SPACE VENTS ALONG PANEL WIDTH
- MAINTAIN (1) BACK VENT AT VERTICAL PANEL CENTERLINE AS SHOWN; ADJUST VENT LOCATIONS (IF REQUIRED) TO AVOID SUB-FRAMING MEMBERS

**DETAIL NOTES:**

1. DRILL BACK VENTS USING 3/16" DIA. DRILL BIT
2. DEPTH OF DRILLED VENT NOT TO EXCEED 1/8"; DRILL BIT TO PENETRATE PANEL BACKER METAL AND EXTEND THROUGH OUTER CORE SKIN INTO PANEL FLUTES



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PANEL BACK VENTING REQUIREMENTS (NFPA 285) - 1 OF 2

1-PIECE, TIGHT-FIT MOLDING INSTALLATION SYSTEM  
WITH BD&V SUB-FRAMING OVER GYPSUM SHEATHING

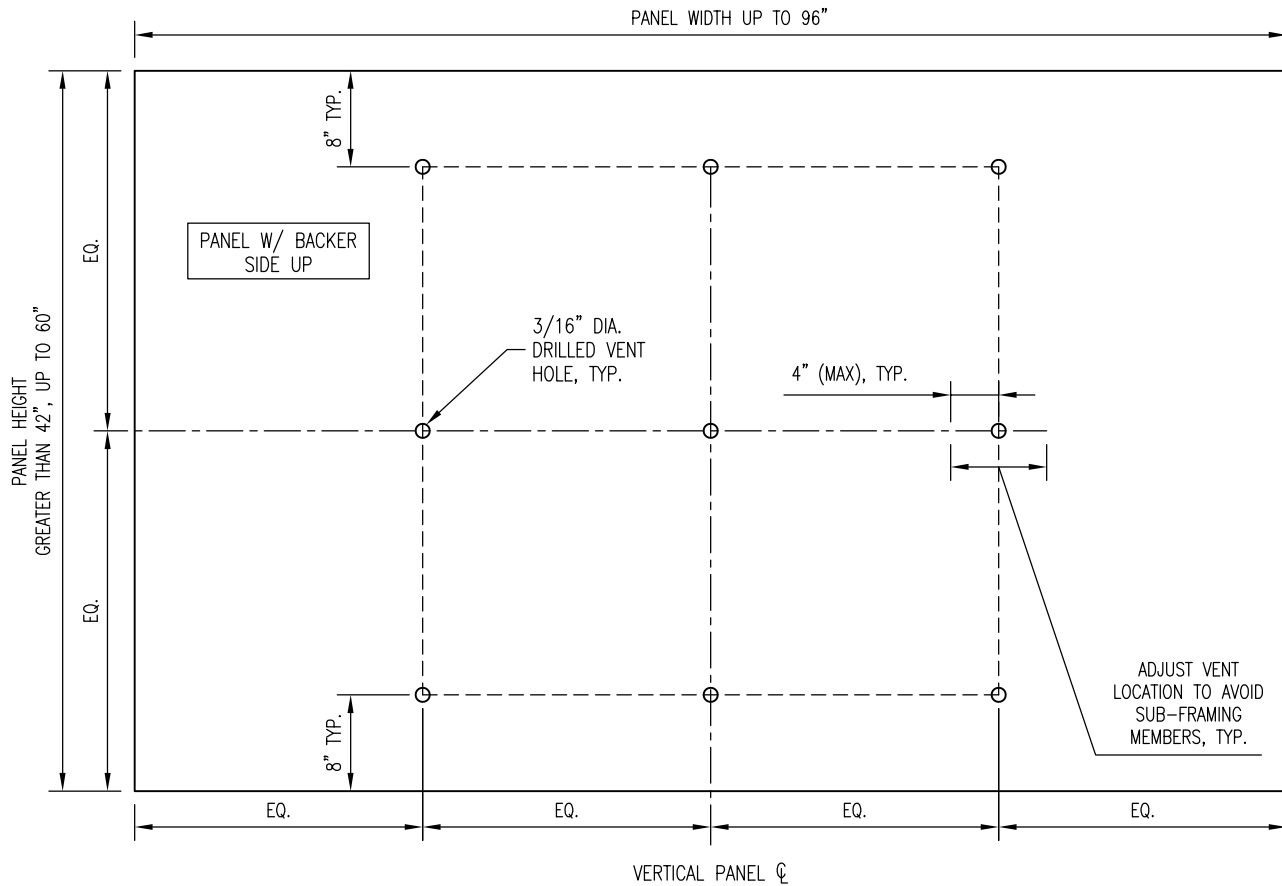
Date:  
6/12/2019

Drawn By:  
JJM

Detail Set:  
1P-BDV-GYP

Dwg. No.:  
M-5.1

Rev:  
00



FOR PANEL WIDTHS GREATER THAN 96": (15) TOTAL BACK VENTS REQUIRED (3 ROWS OF 5)

- EQUALLY SPACE BACK VENTS ALONG PANEL WIDTH
- MAINTAIN (3) BACK VENTS AT VERTICAL PANEL CENTERLINE AS SHOWN; ADJUST VENT LOCATIONS (IF REQUIRED) TO AVOID SUB-FRAMING MEMBERS

DETAIL NOTES:

1. DRILL BACK VENTS USING 3/16" DIA. DRILL BIT
2. DEPTH OF DRILLED VENT NOT TO EXCEED 1/8"; DRILL BIT TO PENETRATE PANEL BACKER METAL AND EXTEND THROUGH OUTER CORE SKIN INTO PANEL FLUTES



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PANEL BACK VENTING REQUIREMENTS (NFPA 285) - 2 OF 2

1-PIECE, TIGHT-FIT MOLDING INSTALLATION SYSTEM  
WITH BD&V SUB-FRAMING OVER GYPSUM SHEATHING

Date:  
6/12/2019

Drawn By:  
JJM

Detail Set:  
1P-BDV-GYP

Dwg. No.:  
M-5.2

Rev:  
00