

# DW-2000 - HORIZONTAL INSTALLATION

## REVISION

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AR-DS-01-DW2H	ARCHITECTURAL DISCLAIMER
AR-PJ-01-DW2H	DW-2000 PANEL PROFILE
AR-PJ-02-DW2H	DW-2000S PANEL PROFILE
AR-PJ-03a-DW2H	HORIZONTAL EXPANDED PANEL JOINT
AR-PJ-03b-DW2H	2" HORIZONTAL PANEL JOINT
AR-PJ-04a-DW2H	2" VERTICAL PANEL JOINT GASKET
AR-PJ-04b-DW2H	2" VERTICAL PANEL JOINT BLOCK SPLINE
AR-PJ-04c-DW2H	2" VERTICAL PANEL JOINT ALT.
AR-PJ-05-DW2H	2.5" HORIZONTAL PANEL JOINT
AR-PJ-06a-DW2H	2.5" VERTICAL PANEL JOINT GASKET
AR-PJ-06b-DW2H	2.5" VERTICAL PANEL BLOCK SPLINE
AR-PJ-06c-DW2H	2.5" VERTICAL PANEL ALT.
AR-PJ-07-DW2H	3" HORIZONTAL PANEL JOINT
AR-PJ-08a-DW2H	3" VERTICAL PANEL JOINT GASKET
AR-PJ-08b-DW2H	3" VERTICAL PANEL JOINT BLOCK SPLINE
AR-PJ-08c-DW2H	3" VERTICAL PANEL JOINT ALT.
AR-PJ-09-DW2H	4" HORIZONTAL PANEL JOINT
AR-PJ-10a-DW2H	4" VERTICAL PANEL JOINT GASKET
AR-PJ-10b-DW2H	4" VERTICAL PANEL JOINT BLOCK SPLINE
AR-PJ-10c-DW2H	4" VERTICAL PANEL JOINT ALT.
AR-PJ-11-DW2H	DW-2000H TO DW-2000V TRANSITION
AR-PJ-12-DW2H	3" TO 2" INTEGRATION
AR-PJ-13-DW2H	2" TO 3" INTEGRATION
AR-PJ-14-DW2H	4" TO 3" INTEGRATION
AR-PJ-15-DW2H	3" TO 4" INTEGRATION
AR-PJ-16-DW2H	PANELS OVER METAL STUDS
AR-PJ-17-DW2H	PANELS OVER CONCRETE
AR-PJ-18-DW2H	DESIGNWALL 2000 TO 4000
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AR-BS-05-DW2H	BASE DETAIL FIELD CUT OVERHANG		
AR-BS-06-DW2H	BASE DETAIL FIELD CUT OVERHANG W/ TRIM		
AR-BS-07-DW2H	BASE DETAIL AT VERTICAL JOINT (FLUSH)		
AR-BS-08-DW2H	BASE DETAIL AT VERTICAL JNT. (OVERHANG)		
AR-OC-01-DW2H	TRANSVERSE BENT CORNER		
AR-OC-02-DW2H	45° TRIMLESS END CORNER		
AR-OC-03-DW2H	FULL WRAP END		
AR-OC-04-DW2H	OUTSIDE CORNER W/ 2-PIECE EXTRUSION		
AR-IC-01-DW2H	INSIDE CORNER W/ 2-PIECE EXTRUSION		
AR-IC-02-DW2H	INSIDE CORNER WITH TRIMLESS ENDS		
AR-IC-03-DW2H	INSIDE CORNER W/ 135 DEGREE TRIMLESS ENDS		
AR-IC-04-DW2H	INSIDE CORNER LAP AT BASE EXPANDED		
AR-IC-05-DW2H	INSIDE CORNER LAP AT BASE ENGAGED		
AR-IC-06-DW2H	INSIDE CORNER LAP TRIM EXPANDED		
AR-IC-07-DW2H	INSIDE CORNER LAP TRIM ENGAGED		
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AR-FO-02-DW2H	FRAMED OPENING HEAD - TRIM		
AR-FO-03-DW2H	FRAMED OPENING JAMB - EXTRUSION		
AR-FO-04-DW2H	FRAMED OPENING JAMB - TRIM		
AR-FO-05-DW2H	FRAMED OPENING SILL - EXTRUSION		
AR-FO-06-DW2H	FRAMED OPENING SILL - TRIM		
AR-FO-07-DW2H	FRAMED OPENING ASSEMBLY - TRIM		
AR-FO-08-DW2H	FRAMED OPENING ASSEMBLY - EXTRUSION		
AR-FO-09-DW2H	FRAMED OPENING ASSEMBLY - EXTRUSION		
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AR-SF-01-DW2H	FASCIA TO SOFFIT
AR-SF-02-DW2H	LONGITUDINAL BENT SOFFIT
AR-SF-03-DW2H	FASCIA TO FIELD CUT SOFFIT
AR-SF-04-DW2H	FIELD CUT FASCIA AND SOFFIT
AR-PR-01-DW2H	PARAPET W/ EXTRUSION
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AR-EX-02-DW2H	2" EXTRUSIONS
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AR-EX-06-DW2H	3" EXTRUSIONS
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AR-TL-01-DW2H	EXTRUSION LAP STRIPS
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### DISCLAIMERS:

THESE DETAILS ARE PROVIDED AS A GUIDELINE FOR PROPER PANEL AND ASSOCIATED COMPONENT INSTALLATION, AND ARE BASED ON INDUSTRY ACCEPTED PRACTICES.

LOCATION OF VAPOR BARRIERS AND ASSOCIATED SEALANTS IN THESE DETAILS ARE BASED ON TYPICAL DESIGN PRACTICES FOR MOST U.S. CLIMACTIC ZONES. (THE PRIMARY VAPOR BARRIER IS PLACED ON THE "WARM" SIDE IN WINTER).

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EXTRUSION SHAPES / ENGAGEMENT MAY VARY FROM THOSE SHOWN.

***PROJECTS LOCATED IN AREAS SUBJECT TO EXTREME COLD AND/OR HIGH SNOW LOADS MAY REQUIRE MODIFICATIONS TO THESE DETAILS - CONTACT KINGSPAN TECHNICAL SERVICES FOR SPECIFIC PROJECT RECOMMENDATIONS.***

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# DW-2000 - HORIZONTAL INSTALLATION

REFER TO VERTICAL  
JOINT DESIGN FOR  
SHEATHING  
REQUIREMENTS

CORE TYPE:  
POLYISOCYANURATE, QUADCORE

CORE DEPTHS:  
2", 2.5", 3", 4"

STEEL GAUGES:  
EXTERIOR: 22, 20  
INTERIOR: 24, 22, 20

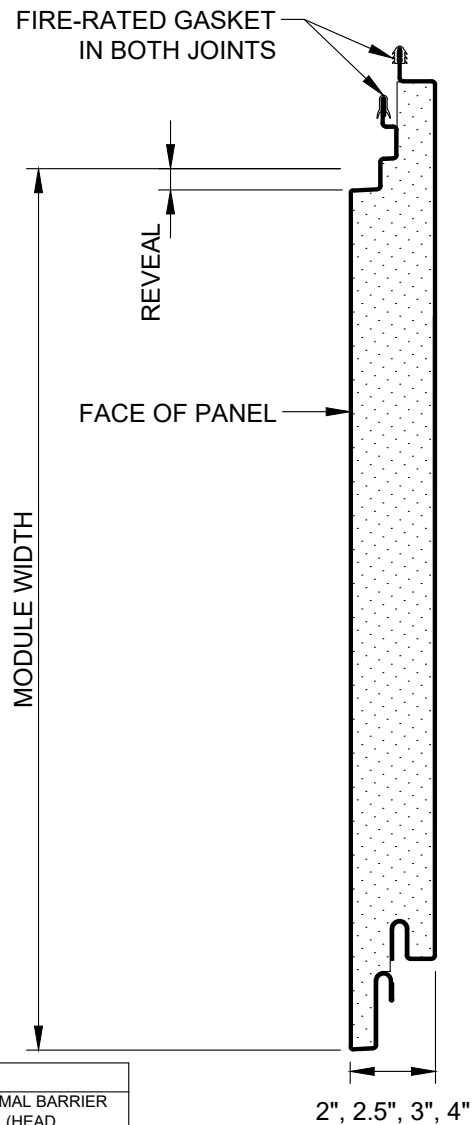
MODULE WIDTH:  
• PIR - MIN: 24" MAX: 42"  
• QUADCORE - MIN: 12" MAX: 42"

REVEAL:  
 $\frac{1}{16}$ ",  $\frac{1}{2}$ ", 1" STANDARD  
2", 3", 4", 5", 6" CUSTOM

PANEL ORIENTATION:  
HORIZONTAL

EMBOSSING:  
EXTERIOR: NON-EMBOSSSED, STUCCO  
INTERIOR: NON-EMBOSSSED, STUCCO

LENGTHS:  
MAXIMUM:  
-EMBOSSSED, STRIATED, GRANITSTONE = 30'  
-NON-EMBOSSSED = 24'



NFPA 285 COMPLIANCE TABLE

PANEL TYPE	CORE	LEAST PANEL WIDTH	THERMAL BARRIER (WALL)	THERMAL BARRIER (HEAD /SILL/JAMB/STACK JOINT)
DESIGNWALL 2000 (HORIZONTAL)	PIR	< 24"	NON-COMPLIANT PANEL	NON-COMPLIANT PANEL
DESIGNWALL 2000 (HORIZONTAL)	PIR	≥ 24"	SEE VERTICAL JOINT DETAILS	NO THERMAL BARRIER REQUIRED
DESIGNWALL 2000 (HORIZONTAL)	QUADCORE B	< 24"	1/2" GYPSUM WALL BOARD	NO THERMAL BARRIER REQUIRED
DESIGNWALL 2000 (HORIZONTAL)	QUADCORE B	≥ 24"	SEE VERTICAL JOINT DETAILS	NO THERMAL BARRIER REQUIRED

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DW-2000 PANEL  
PROFILE

DETAIL #: AR-PJ-01-DW2H

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# DW-2000S - HORIZONTAL INSTALLATION

REFER TO VERTICAL  
JOINT DESIGN FOR  
SHEATHING  
REQUIREMENTS

CORE TYPE:  
POLYISOCYANURATE, QUADCORE

CORE DEPTHS:  
2", 2.5", 3", 4"

STEEL GAUGES:  
EXTERIOR: 22, 20  
INTERIOR: 24, 22, 20

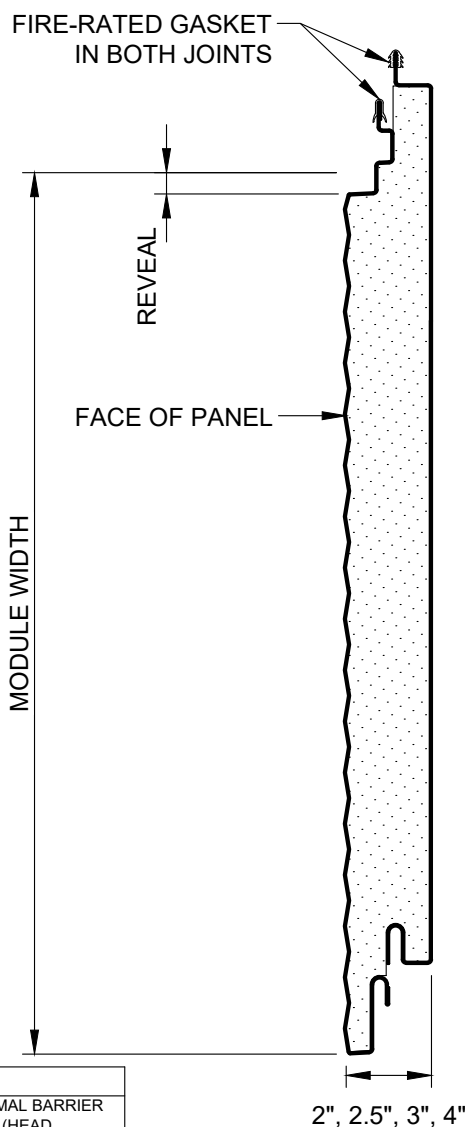
MODULE WIDTH:  
• PIR - MIN: 24" MAX: 42"  
• QUADCORE - MIN: 12" MAX: 42"

REVEAL:  
 $\frac{1}{16}$ ",  $\frac{1}{2}$ ", 1" STANDARD  
2", 3", 4", 5", 6" CUSTOM

PANEL ORIENTATION:  
HORIZONTAL

EMBOSSING:  
EXTERIOR: NON-EMBOSSSED, STUCCO  
INTERIOR: NON-EMBOSSSED, STUCCO

LENGTHS:  
MAXIMUM:  
-EMBOSSSED, STRIATED, GRANITSTONE = 30'  
-NON-EMBOSSSED = 24'



NFPA 285 COMPLIANCE TABLE

PANEL TYPE	CORE	LEAST PANEL WIDTH	THERMAL BARRIER (WALL)	THERMAL BARRIER (HEAD /SILL/JAMB/STACK JOINT)
DESIGNWALL 2000 (HORIZONTAL)	PIR	< 24"	NON-COMPLIANT PANEL	NON-COMPLIANT PANEL
DESIGNWALL 2000 (HORIZONTAL)	PIR	≥ 24"	SEE VERTICAL JOINT DETAILS	NO THERMAL BARRIER REQUIRED
DESIGNWALL 2000 (HORIZONTAL)	QUADCORE B	< 24"	1/2" GYPSUM WALL BOARD	NO THERMAL BARRIER REQUIRED
DESIGNWALL 2000 (HORIZONTAL)	QUADCORE B	≥ 24"	SEE VERTICAL JOINT DETAILS	NO THERMAL BARRIER REQUIRED

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DW-2000S PANEL  
PROFILE

DETAIL #: AR-PJ-02-DW2H

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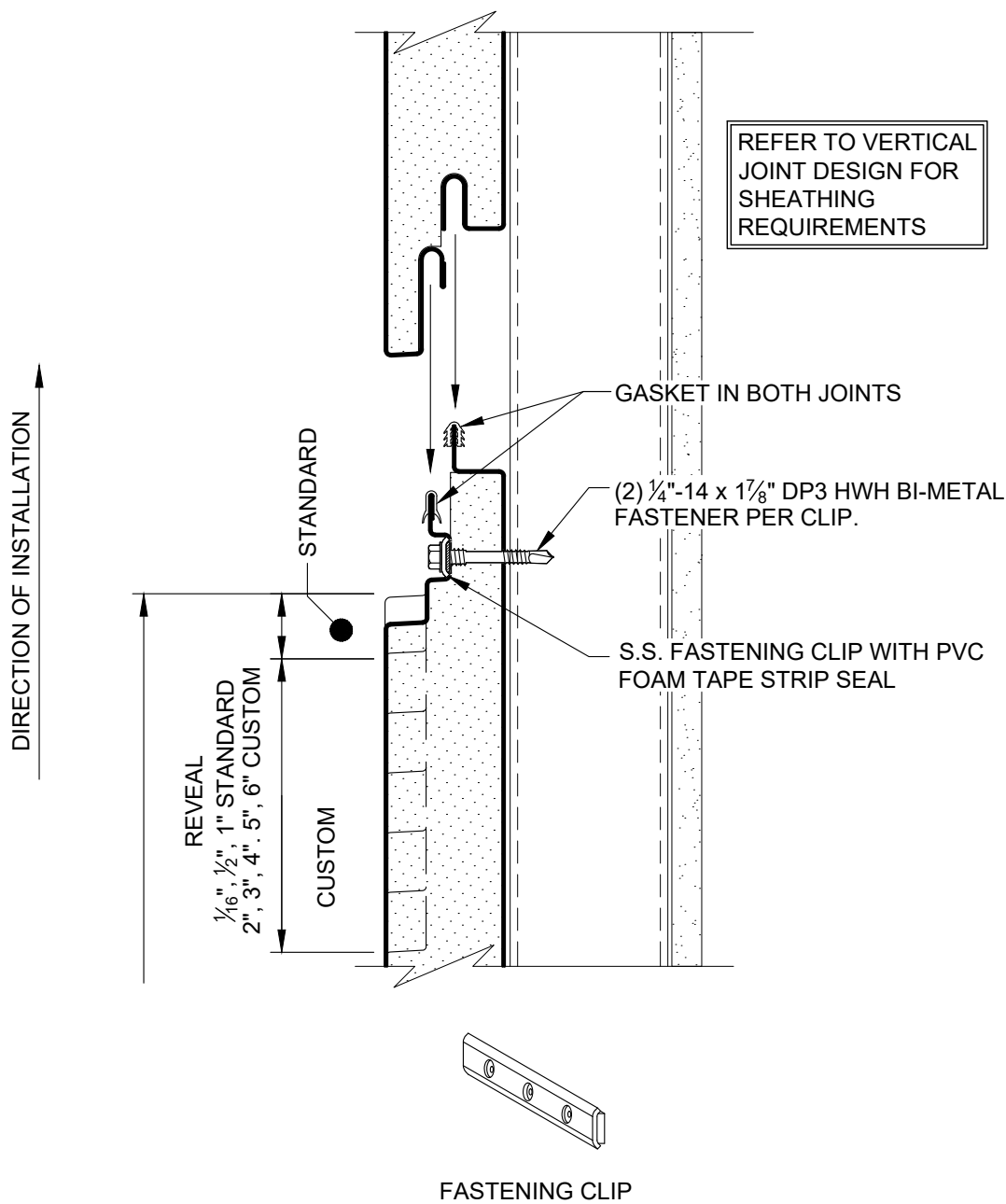
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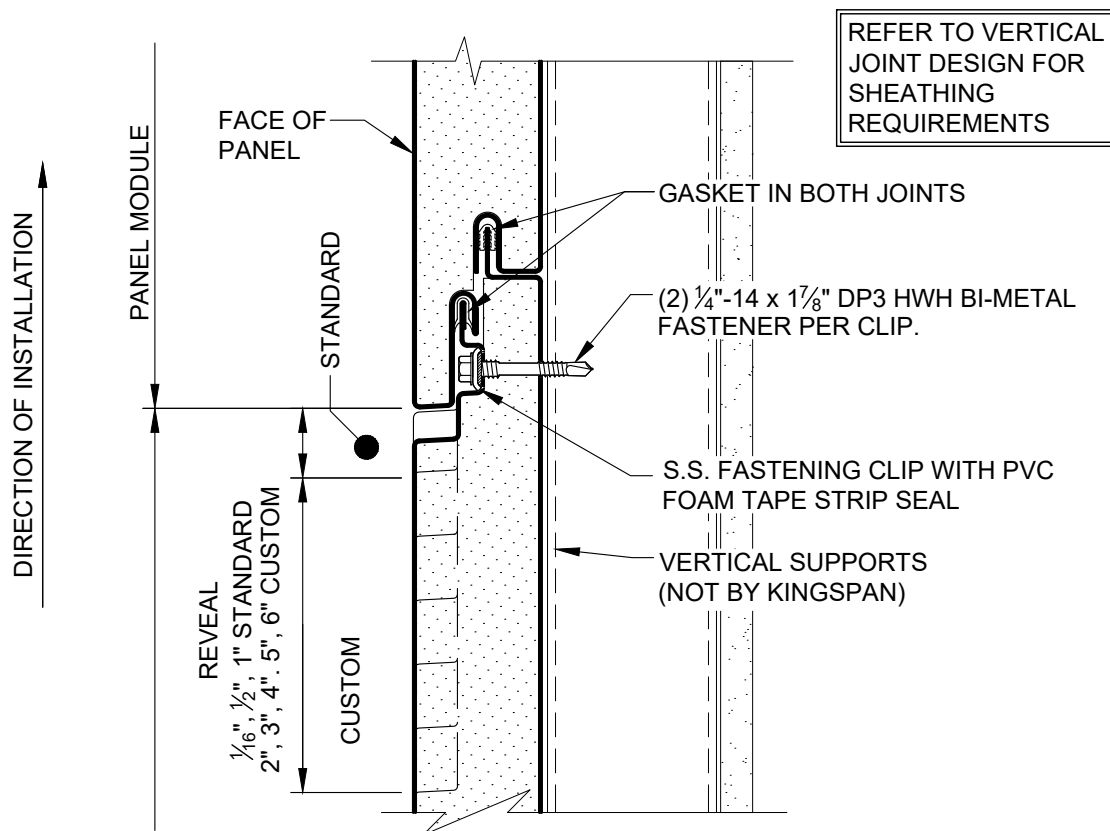
**HORIZONTAL  
EXPANDED PANEL  
JOINT**

DETAIL #: AR-PJ-03a-DW2H  
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FASTENING CLIP

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2" HORIZONTAL  
PANEL JOINT

DETAIL #: AR-PJ-03b-DW2H

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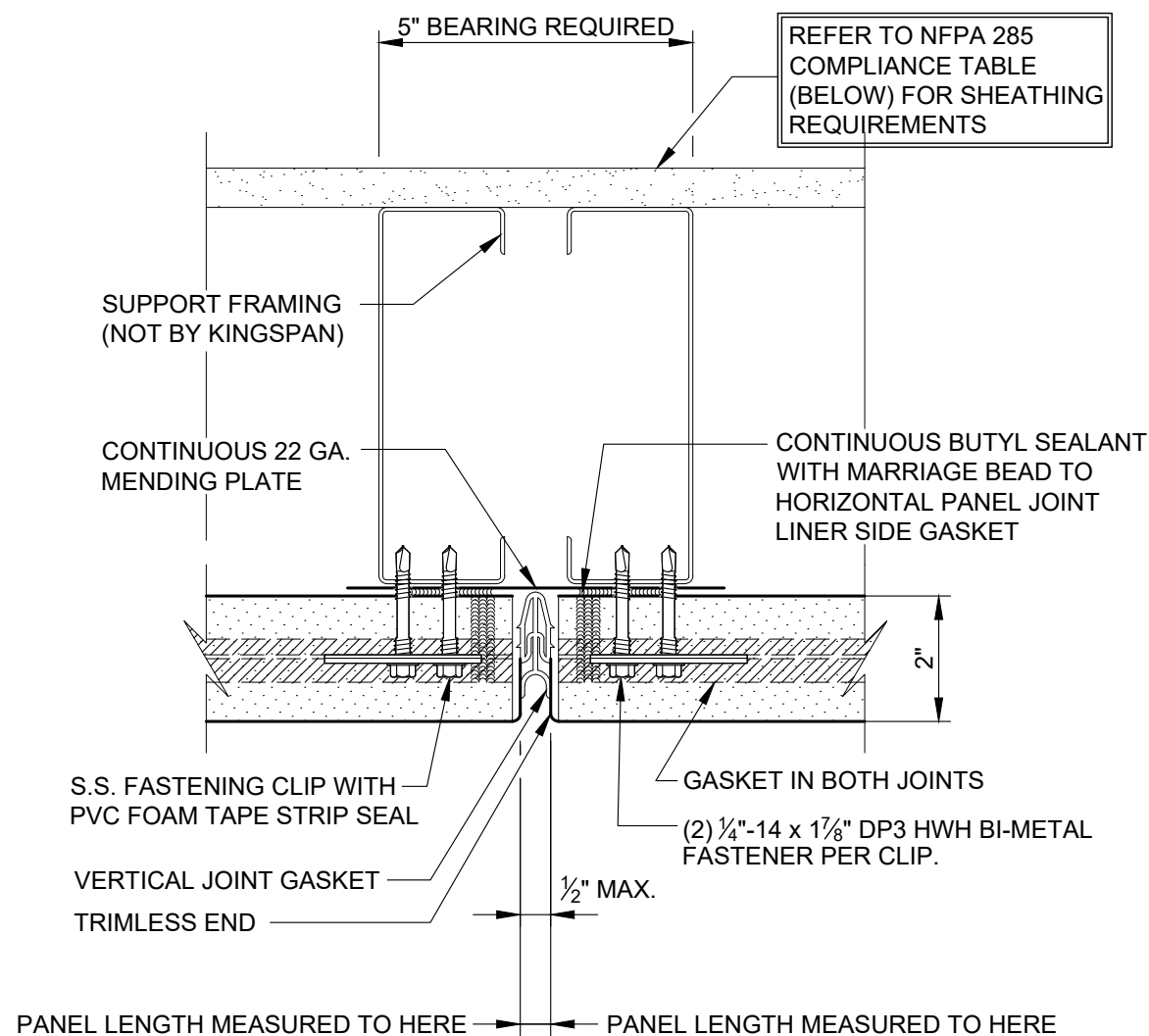
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# DW-2000 - HORIZONTAL INSTALLATION



NFPA 285 COMPLIANCE TABLE

PANEL TYPE	CORE	LEAST PANEL WIDTH	THERMAL BARRIER (WALL)	THERMAL BARRIER (HEAD /SILL/JAMB/STACK JOINT)
DESIGNWALL 2000 (HORIZONTAL)	PIR	< 24"	NON-COMPLIANT PANEL	NON-COMPLIANT PANEL
DESIGNWALL 2000 (HORIZONTAL)	PIR	≥ 24"	NOT REQUIRED	NO THERMAL BARRIER REQUIRED
DESIGNWALL 2000 (HORIZONTAL)	QUADCORE B	< 24"	1/2" GYPSUM WALL BOARD	NO THERMAL BARRIER REQUIRED
DESIGNWALL 2000 (HORIZONTAL)	QUADCORE B	≥ 24"	NOT REQUIRED	NO THERMAL BARRIER REQUIRED

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2" VERTICAL  
PANEL JOINT  
GASKET

DETAIL #: AR-PJ-04a-DW2H

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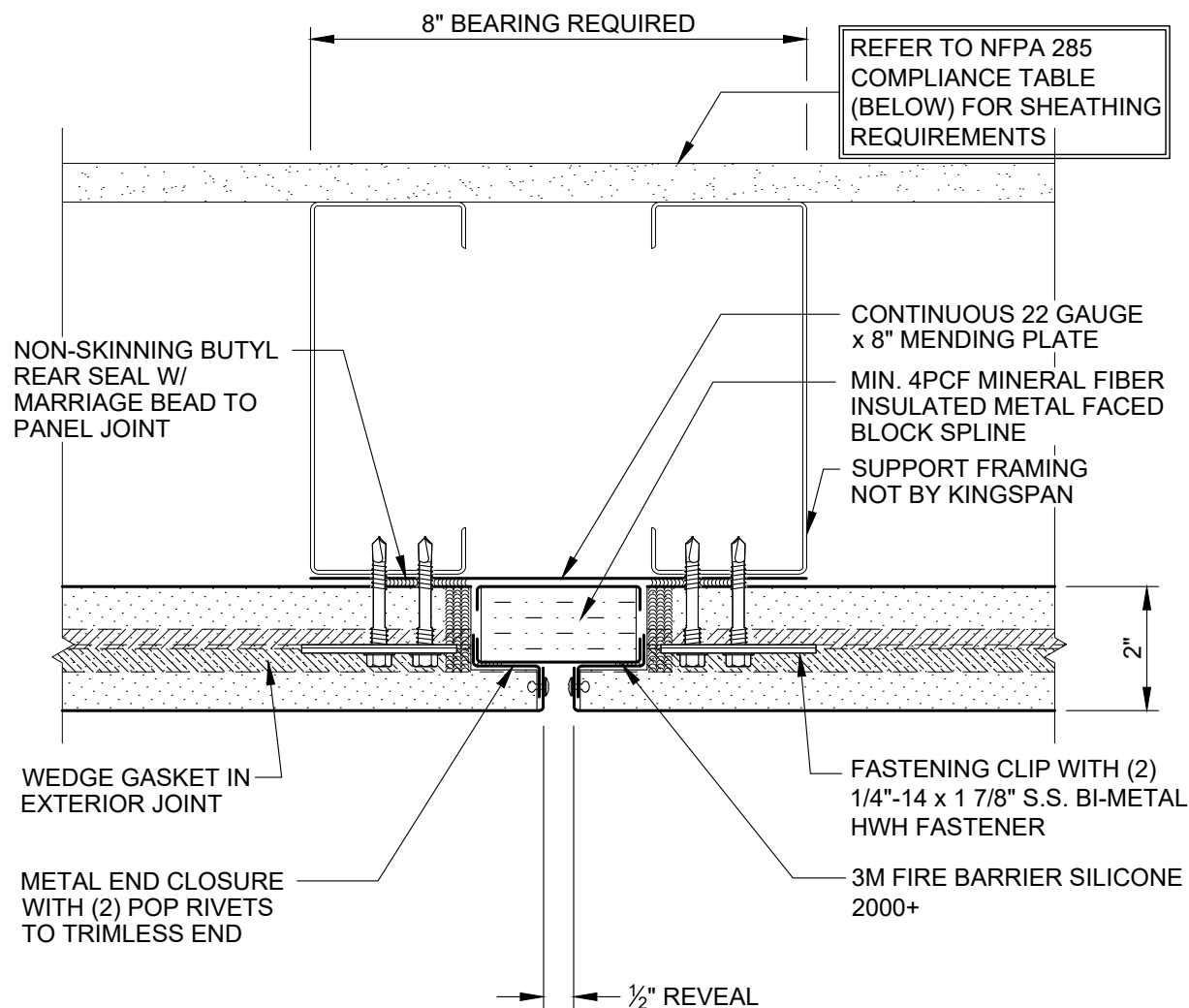
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# DW-2000 - HORIZONTAL INSTALLATION



NFPA 285 COMPLIANCE TABLE

PANEL TYPE	CORE	LEAST PANEL WIDTH	THERMAL BARRIER (WALL)	THERMAL BARRIER (HEAD /SILL/JAMB/STACK JOINT)
DESIGNWALL 2000 (HORIZONTAL)	PIR	< 24"	NON-COMPLIANT PANEL	NON-COMPLIANT PANEL
DESIGNWALL 2000 (HORIZONTAL)	PIR	≥ 24"	5/8" TYPE X WALL BOARD	NO THERMAL BARRIER REQUIRED
DESIGNWALL 2000 (HORIZONTAL)	QUADCORE B	< 24"	NON-COMPLIANT PANEL	NON-COMPLIANT PANEL
DESIGNWALL 2000 (HORIZONTAL)	QUADCORE B	≥ 24"	5/8" TYPE X WALL BOARD	NO THERMAL BARRIER REQUIRED

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2" VERTICAL  
PANEL JOINT  
BLOCK SPLINE

DETAIL #: AR-PJ-04b-DW2H

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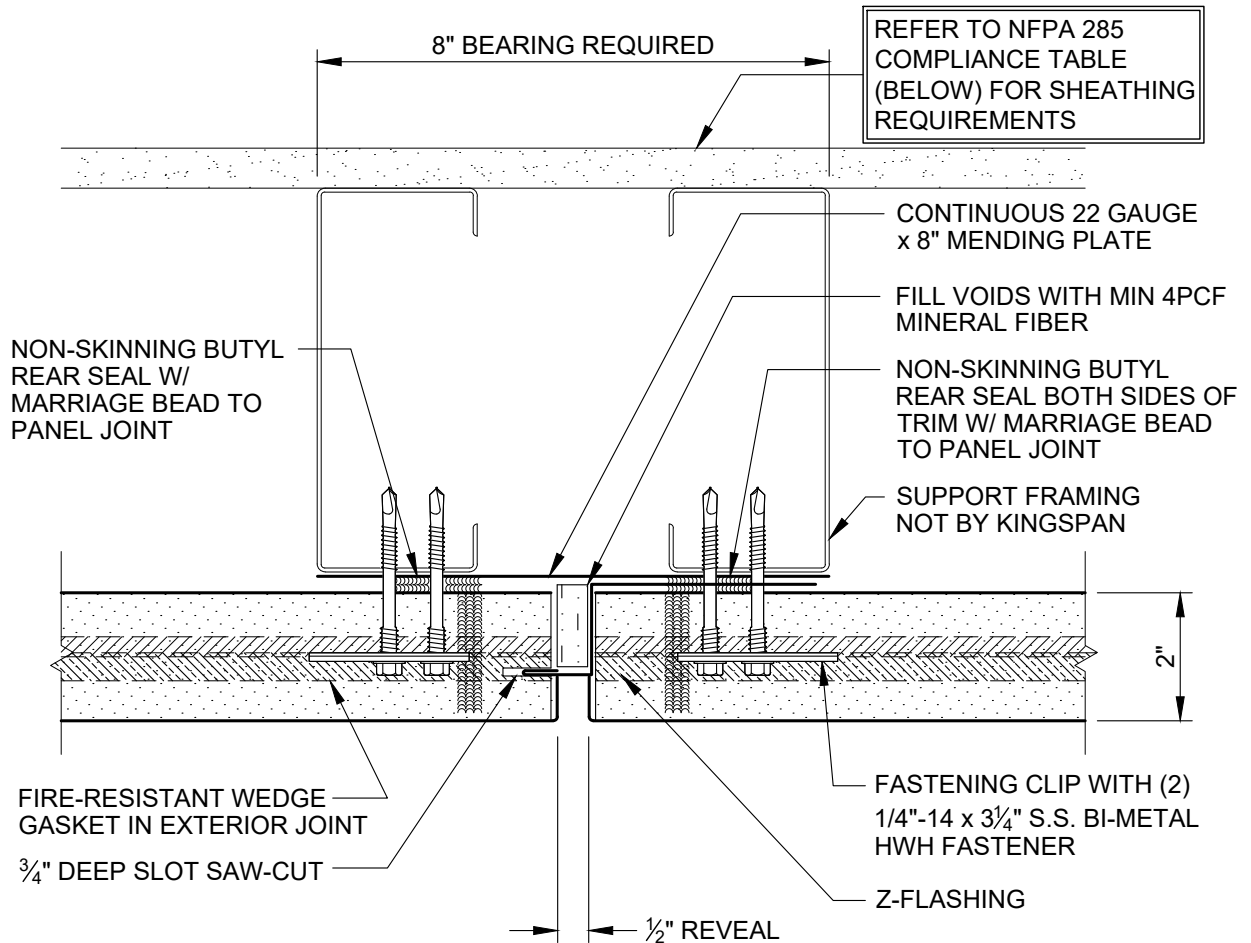
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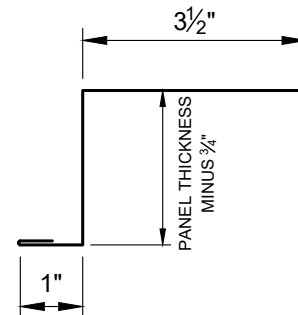


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NFPA 285 COMPLIANCE TABLE				
PANEL TYPE	CORE	LEAST PANEL WIDTH	THERMAL BARRIER (WALL)	THERMAL BARRIER (HEAD /SILL/JAMB/STACK JOINT)
DESIGNWALL 2000 (HORIZONTAL)	PIR	< 24"	NON-COMPLIANT PANEL	NON-COMPLIANT PANEL
DESIGNWALL 2000 (HORIZONTAL)	PIR	≥ 24"	NOT REQUIRED	NO THERMAL BARRIER REQUIRED
DESIGNWALL 2000 (HORIZONTAL)	QUADCORE B	< 24"	1/2" GYPSUM WALL BOARD	NO THERMAL BARRIER REQUIRED
DESIGNWALL 2000 (HORIZONTAL)	QUADCORE B	≥ 24"	NOT REQUIRED	NO THERMAL BARRIER REQUIRED



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2" VERTICAL  
PANEL JOINT ALT.

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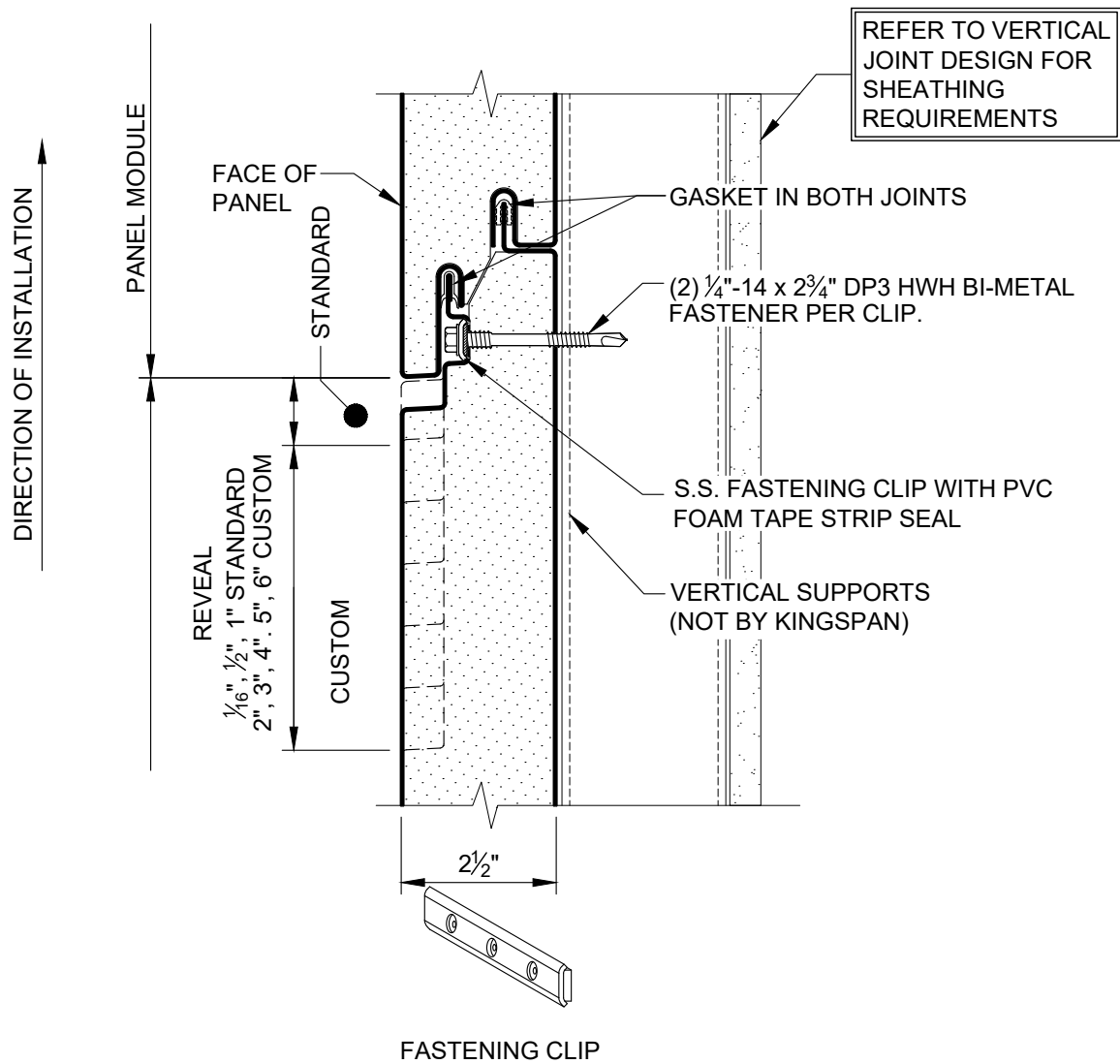
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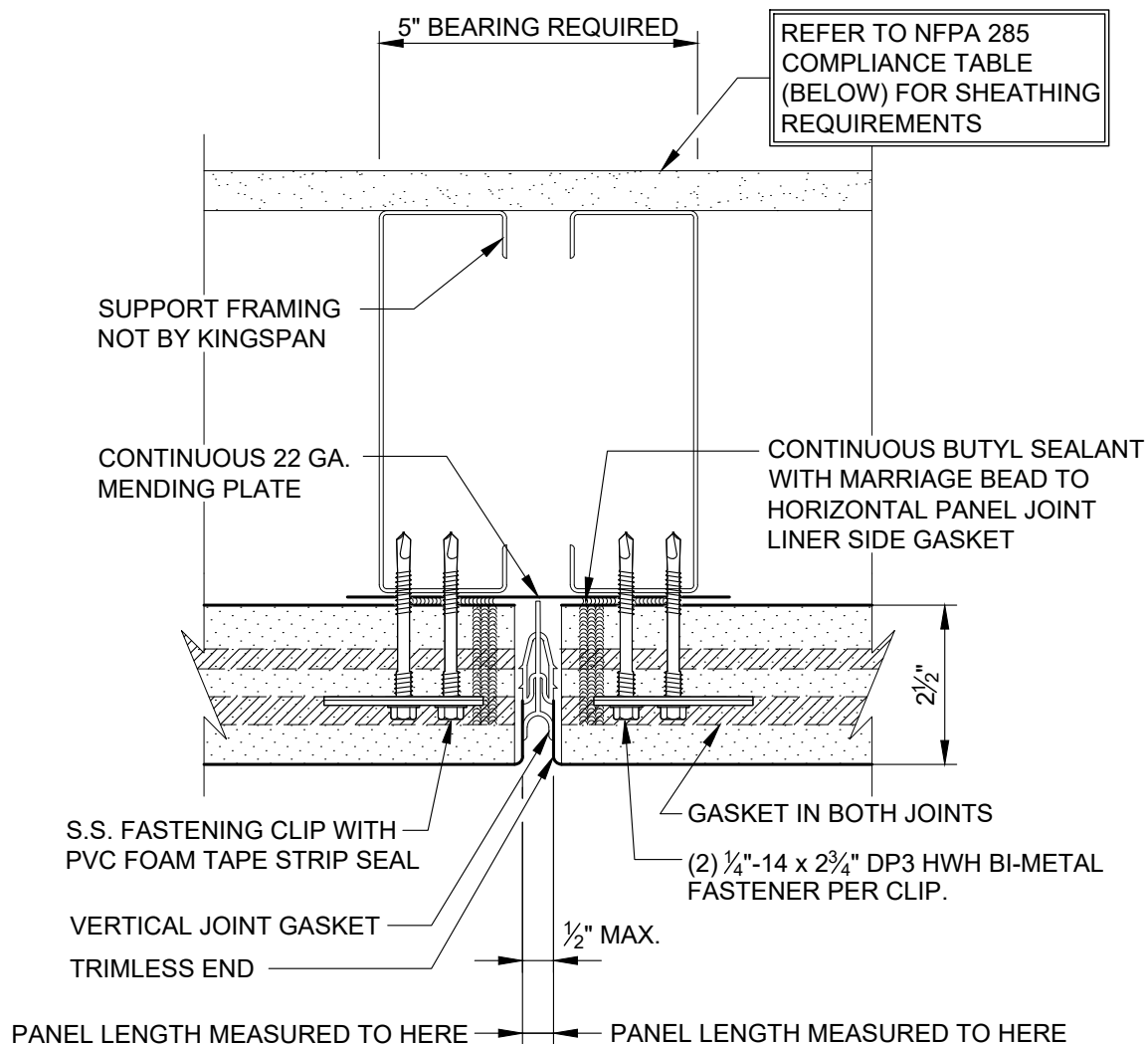
2.5" HORIZONTAL  
PANEL JOINT

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NFPA 285 COMPLIANCE TABLE

PANEL TYPE	CORE	LEAST PANEL WIDTH	THERMAL BARRIER (WALL)	THERMAL BARRIER (HEAD /SILL/JAMB/STACK JOINT)
DESIGNWALL 2000 (HORIZONTAL)	PIR	< 24"	NON-COMPLIANT PANEL	NON-COMPLIANT PANEL
DESIGNWALL 2000 (HORIZONTAL)	PIR	≥ 24"	NOT REQUIRED	NO THERMAL BARRIER REQUIRED
DESIGNWALL 2000 (HORIZONTAL)	QUADCORE B	< 24"	1/2" GYPSUM WALL BOARD	NO THERMAL BARRIER REQUIRED
DESIGNWALL 2000 (HORIZONTAL)	QUADCORE B	≥ 24"	NOT REQUIRED	NO THERMAL BARRIER REQUIRED

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## 2.5" VERTICAL PANEL JOINT GASKET

DETAIL #: AR-PJ-06a-DW2H

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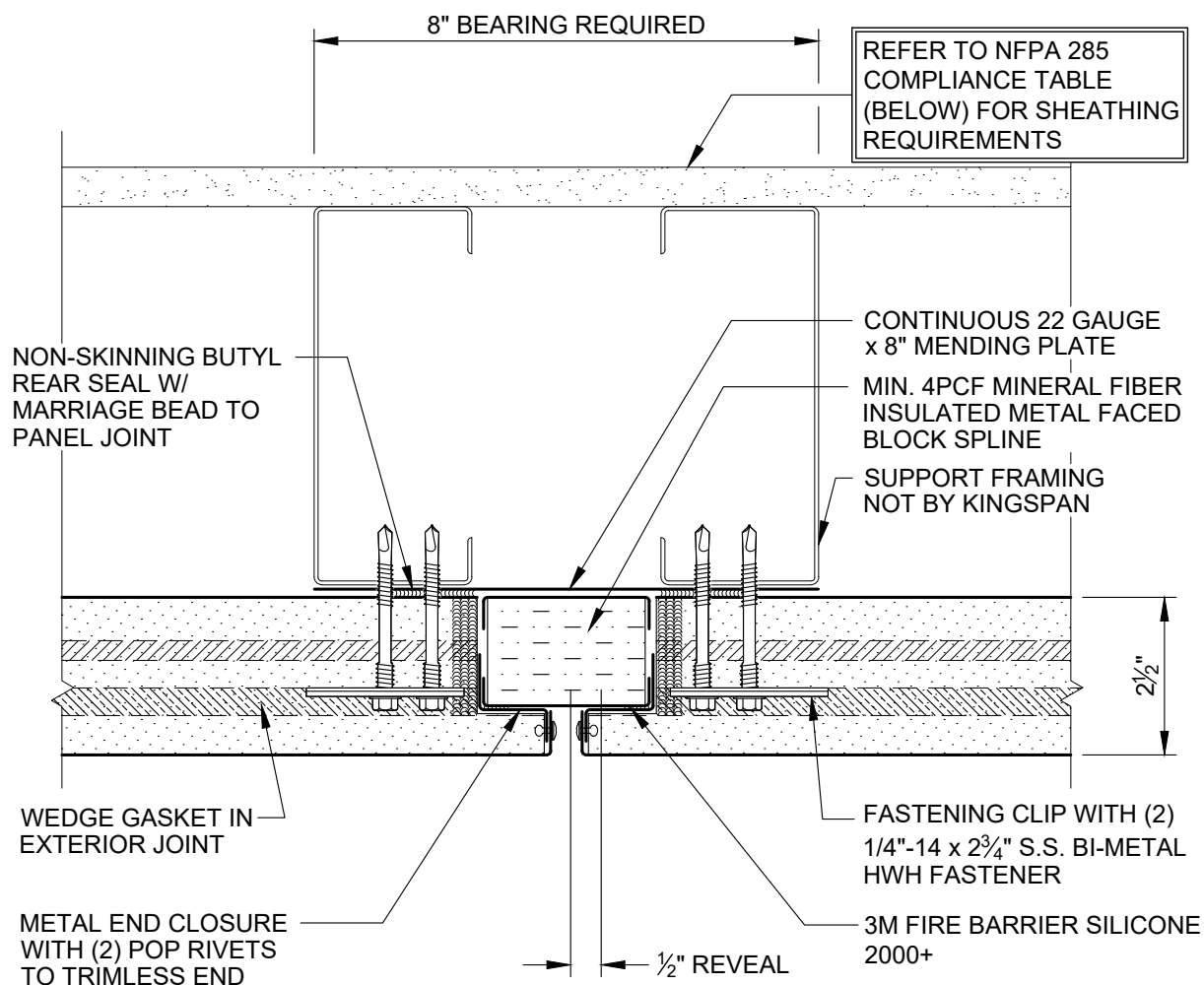
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NFPA 285 COMPLIANCE TABLE

PANEL TYPE	CORE	LEAST PANEL WIDTH	THERMAL BARRIER (WALL)	THERMAL BARRIER (HEAD /SILL/JAMB/STACK JOINT)
DESIGNWALL 2000 (HORIZONTAL)	PIR	< 24"	NON-COMPLIANT PANEL	NON-COMPLIANT PANEL
DESIGNWALL 2000 (HORIZONTAL)	PIR	≥ 24"	5/8" TYPE X WALL BOARD	NO THERMAL BARRIER REQUIRED
DESIGNWALL 2000 (HORIZONTAL)	QUADCORE B	< 24"	NON-COMPLIANT PANEL	NON-COMPLIANT PANEL
DESIGNWALL 2000 (HORIZONTAL)	QUADCORE B	≥ 24"	5/8" TYPE X WALL BOARD	NO THERMAL BARRIER REQUIRED

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2.5" VERTICAL  
PANEL JOINT  
BLOCK SPLINE

DETAIL #: AR-PJ-06b-DW2H

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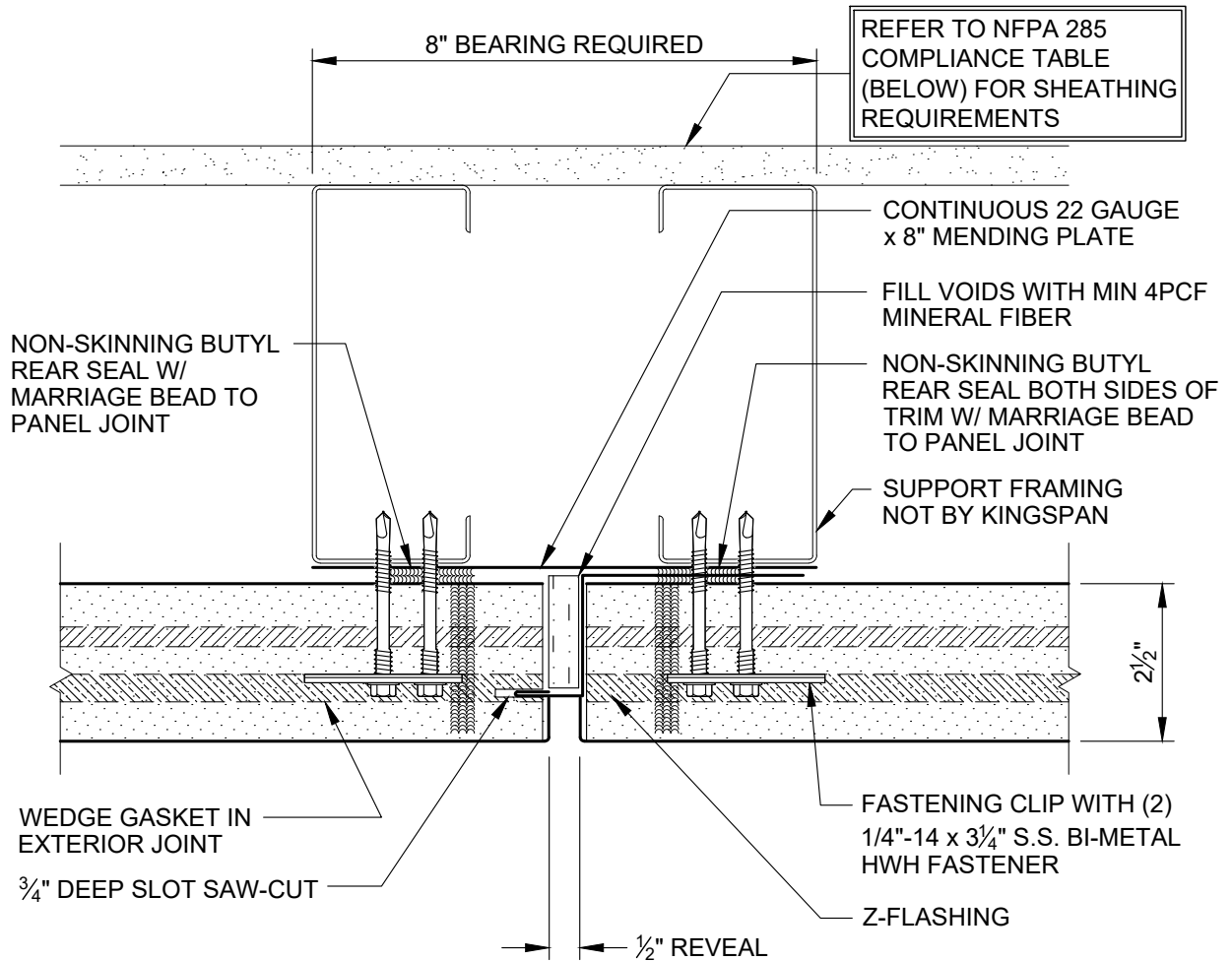
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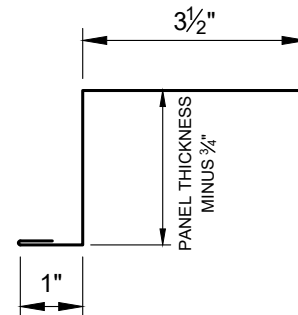


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# DW-2000 - HORIZONTAL INSTALLATION



NFPA 285 COMPLIANCE TABLE				
PANEL TYPE	CORE	LEAST PANEL WIDTH	THERMAL BARRIER (WALL)	THERMAL BARRIER (HEAD /SILL/JAMB/STACK JOINT)
DESIGNWALL 2000 (HORIZONTAL)	PIR	< 24"	NON-COMPLIANT PANEL	NON-COMPLIANT PANEL
DESIGNWALL 2000 (HORIZONTAL)	PIR	≥ 24"	NOT REQUIRED	NO THERMAL BARRIER REQUIRED
DESIGNWALL 2000 (HORIZONTAL)	QUADCORE B	< 24"	1/2" GYPSUM WALL BOARD	NO THERMAL BARRIER REQUIRED
DESIGNWALL 2000 (HORIZONTAL)	QUADCORE B	≥ 24"	NOT REQUIRED	NO THERMAL BARRIER REQUIRED



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2.5" VERTICAL  
PANEL JOINT ALT.

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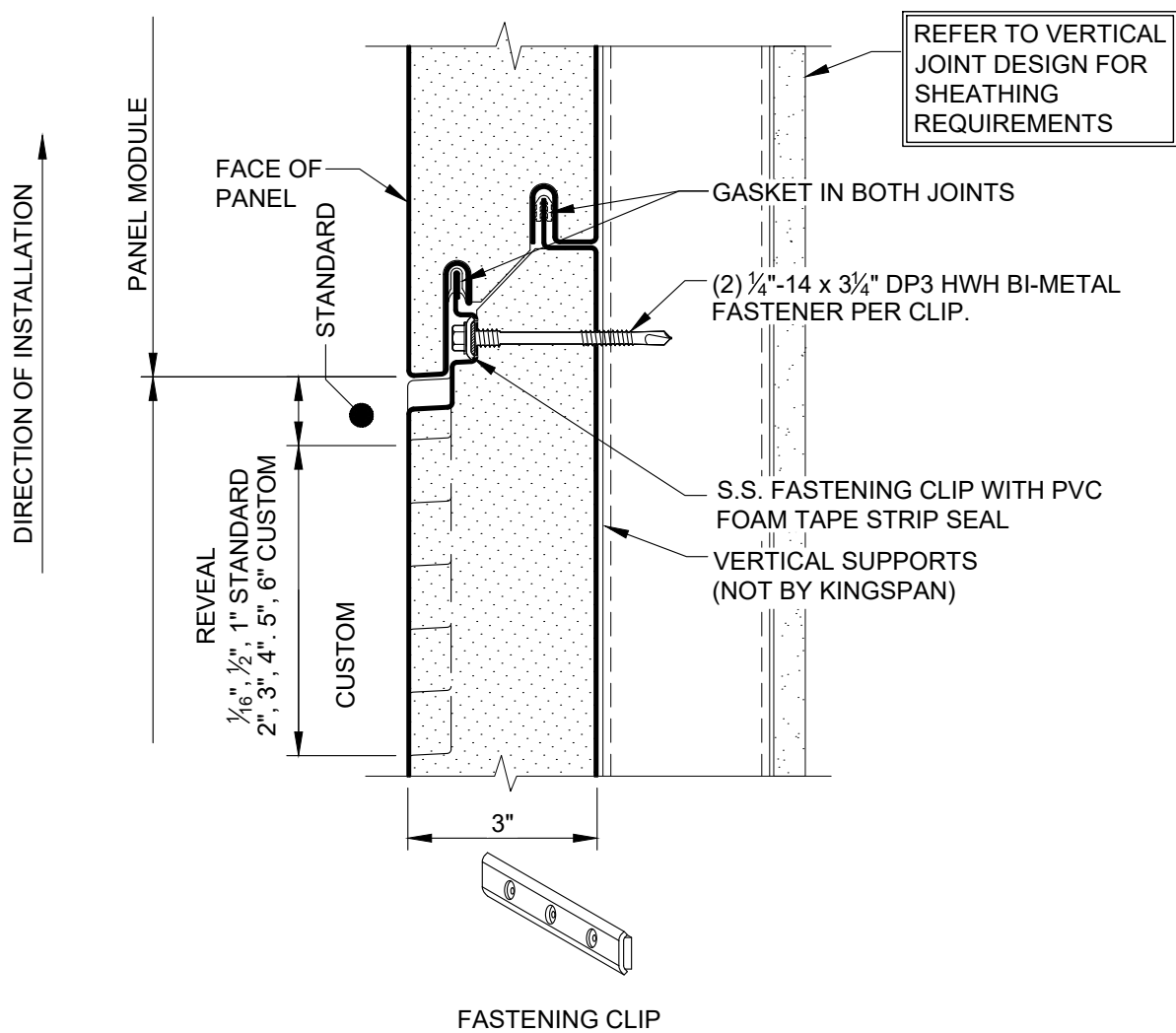
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# DW-2000 - HORIZONTAL INSTALLATION



CONTACT KINGSPAN TECHNICAL SERVICES FOR SPECIFIC PROJECT FASTENING REQUIREMENTS

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3" HORIZONTAL  
PANEL JOINT

DETAIL #: AR-PJ-07-DW2H

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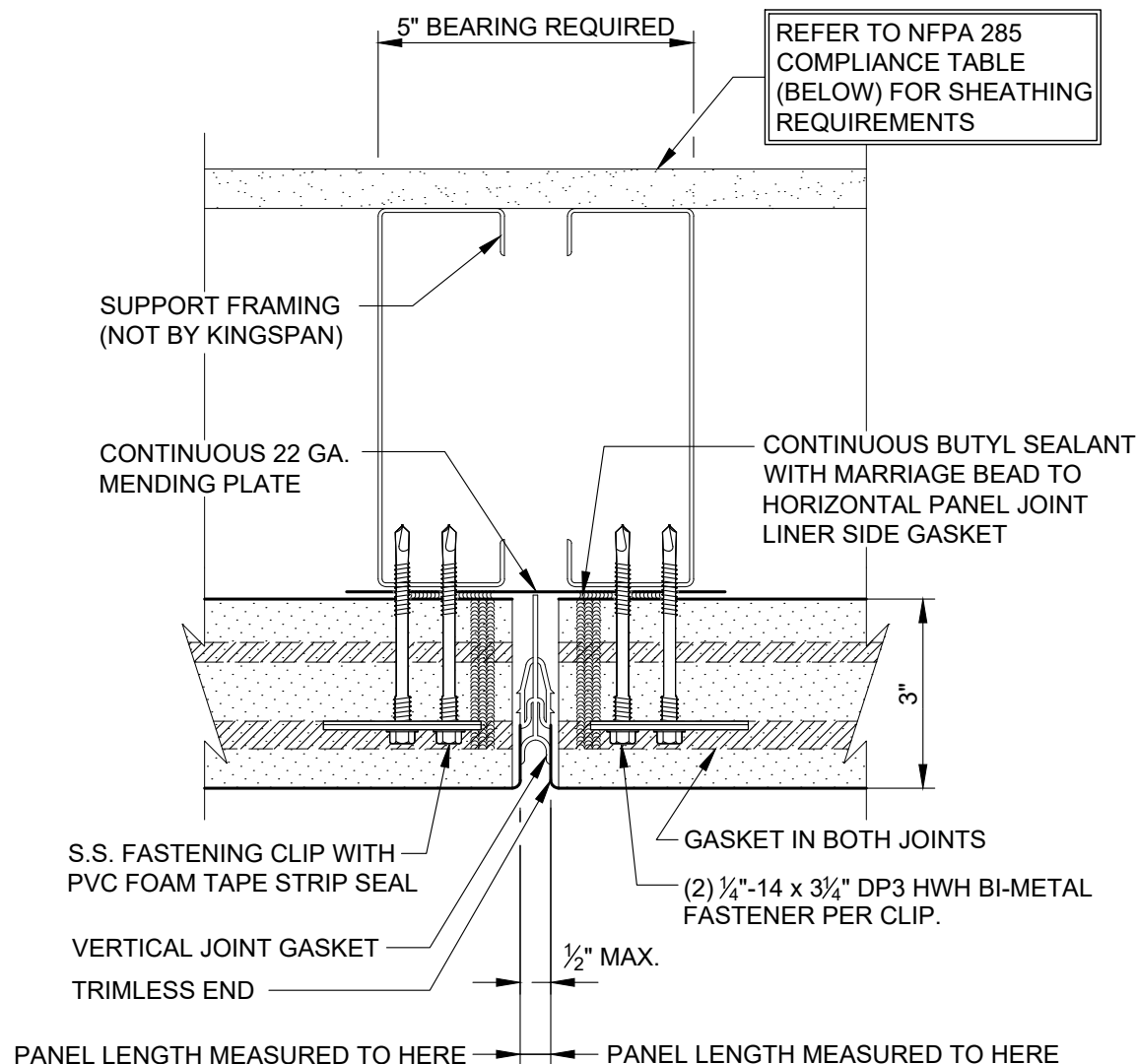
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# DW-2000 - HORIZONTAL INSTALLATION



NFPA 285 COMPLIANCE TABLE

PANEL TYPE	CORE	LEAST PANEL WIDTH	THERMAL BARRIER (WALL)	THERMAL BARRIER (HEAD /SILL/JAMB/STACK JOINT)
DESIGNWALL 2000 (HORIZONTAL)	PIR	< 24"	NON-COMPLIANT PANEL	NON-COMPLIANT PANEL
DESIGNWALL 2000 (HORIZONTAL)	PIR	≥ 24"	NOT REQUIRED	NO THERMAL BARRIER REQUIRED
DESIGNWALL 2000 (HORIZONTAL)	QUADCORE B	< 24"	1/2" GYPSUM WALL BOARD	NO THERMAL BARRIER REQUIRED
DESIGNWALL 2000 (HORIZONTAL)	QUADCORE B	≥ 24"	NOT REQUIRED	NO THERMAL BARRIER REQUIRED

REVISION

REVISION #	DATE
4	12/5/23

3" VERTICAL  
PANEL JOINT  
GASKET

DETAIL #: AR-PJ-08a-DW2H

RELEASE: 2024

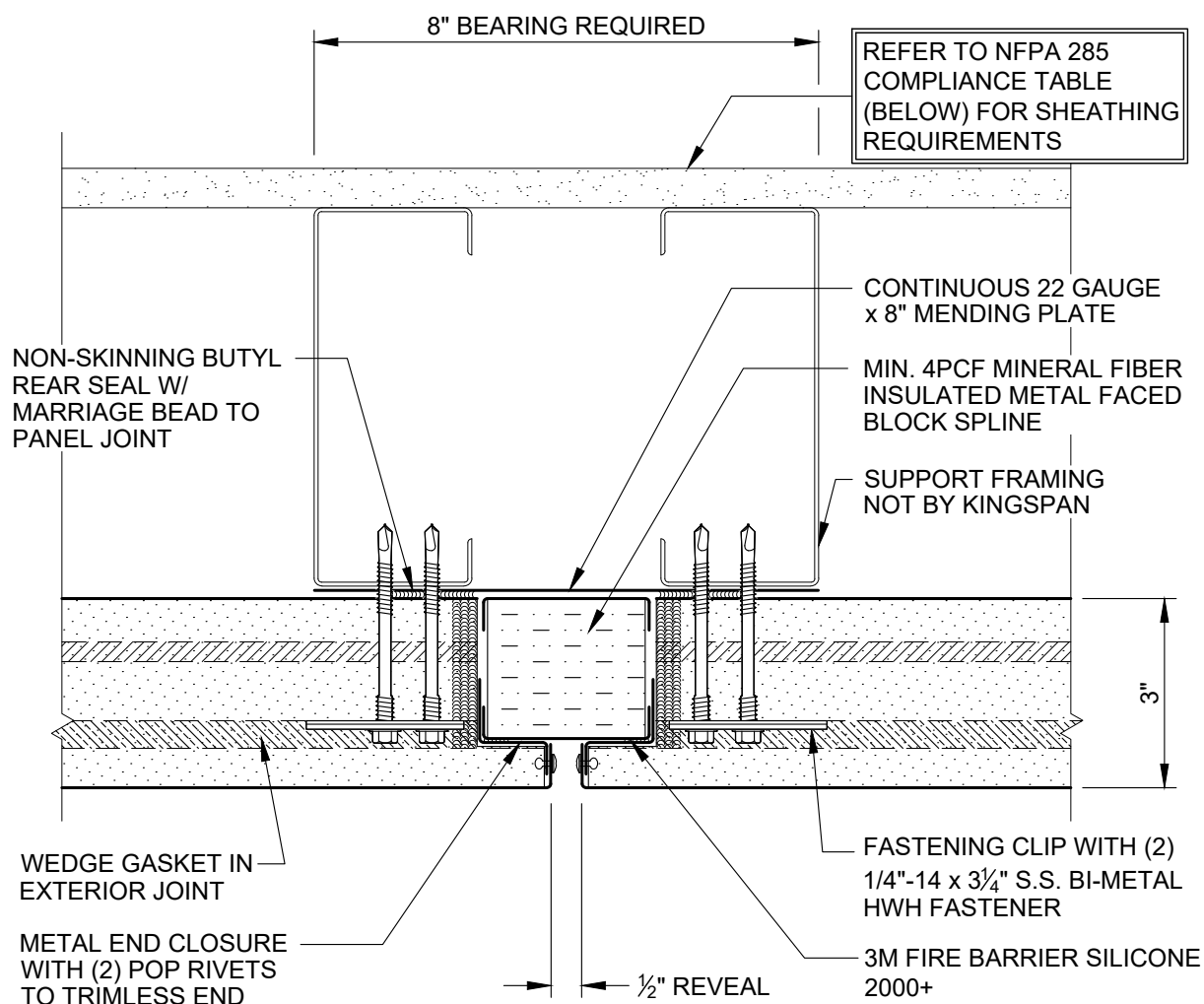
REGION: NORTH AMERICA

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# DW-2000 - HORIZONTAL INSTALLATION



NFPA 285 COMPLIANCE TABLE

PANEL TYPE	CORE	LEAST PANEL WIDTH	THERMAL BARRIER (WALL)	THERMAL BARRIER (HEAD /SILL/JAMB/STACK JOINT)
DESIGNWALL 2000 (HORIZONTAL)	PIR	< 24"	NON-COMPLIANT PANEL	NON-COMPLIANT PANEL
DESIGNWALL 2000 (HORIZONTAL)	PIR	≥ 24"	5/8" TYPE X WALL BOARD	NO THERMAL BARRIER REQUIRED
DESIGNWALL 2000 (HORIZONTAL)	QUADCORE B	< 24"	NON-COMPLIANT PANEL	NON-COMPLIANT PANEL
DESIGNWALL 2000 (HORIZONTAL)	QUADCORE B	≥ 24"	5/8" TYPE X WALL BOARD	NO THERMAL BARRIER REQUIRED

REVISION

REVISION #	DATE
4	12/5/23

3" VERTICAL  
PANEL JOINT  
BLOCK SPLINE

DETAIL #: AR-PJ-08b-DW2H

RELEASE: 2024

REGION: NORTH AMERICA

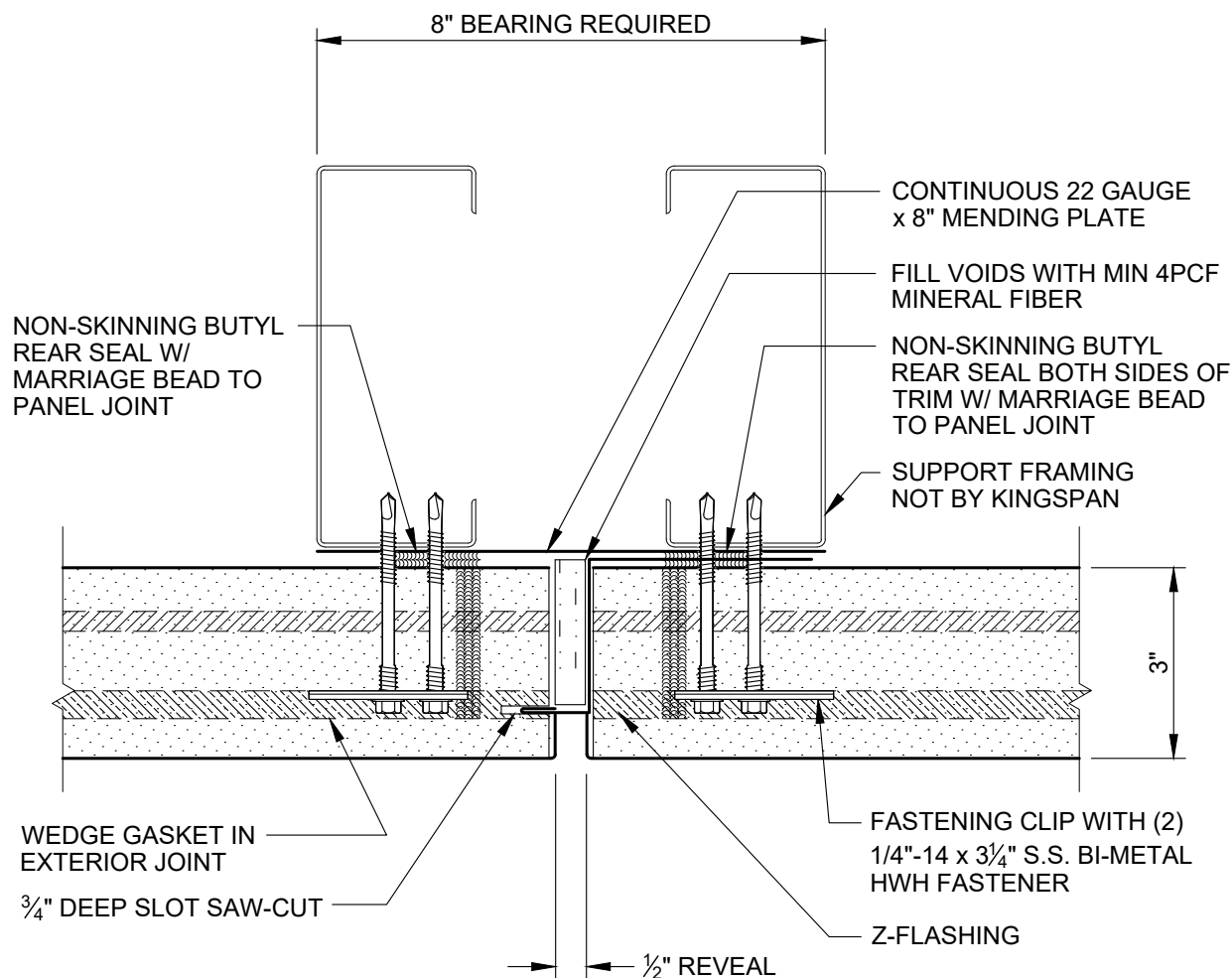
[www.kingspanpanels.com](http://www.kingspanpanels.com)



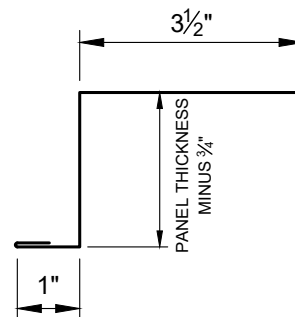
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# DW-2000 - HORIZONTAL INSTALLATION



NFPA 285 COMPLIANCE TABLE				
PANEL TYPE	CORE	LEAST PANEL WIDTH	THERMAL BARRIER (WALL)	THERMAL BARRIER (HEAD /SILL/JAMB/STACK JOINT)
DESIGNWALL 2000 (HORIZONTAL)	PIR	< 24"	NON-COMPLIANT PANEL	NON-COMPLIANT PANEL
DESIGNWALL 2000 (HORIZONTAL)	PIR	≥ 24"	NOT REQUIRED	NO THERMAL BARRIER REQUIRED
DESIGNWALL 2000 (HORIZONTAL)	QUADCORE B	< 24"	1/2" GYPSUM WALL BOARD	NO THERMAL BARRIER REQUIRED
DESIGNWALL 2000 (HORIZONTAL)	QUADCORE B	≥ 24"	NOT REQUIRED	NO THERMAL BARRIER REQUIRED



REVISION	
REVISION #	DATE
4	12/5/23

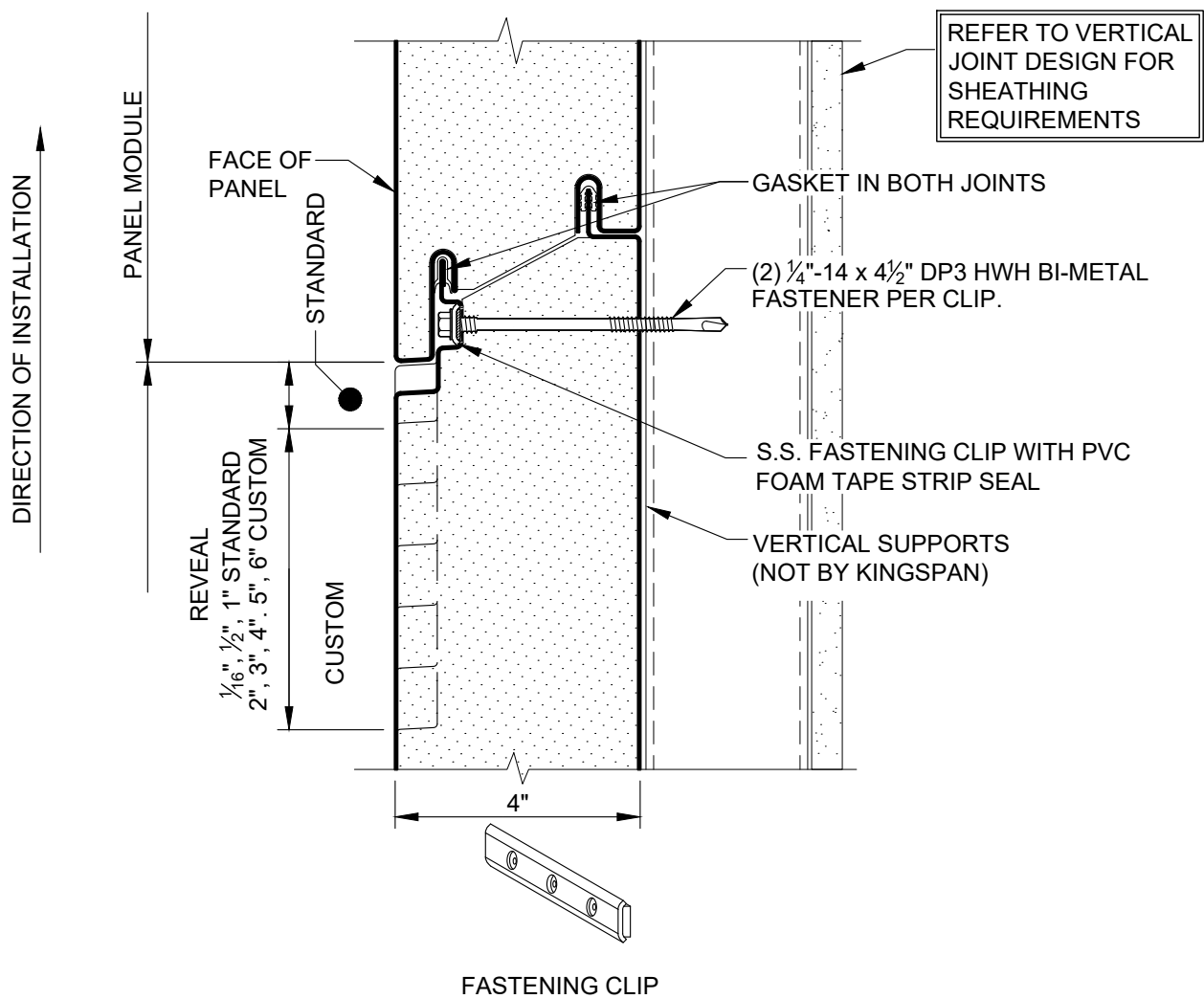
3" VERTICAL  
PANEL JOINT  
ALT

DETAIL #: AR-PJ-08c-DW2H  
RELEASE: 2024  
REGION: NORTH AMERICA  
[www.kingspanpanels.com](http://www.kingspanpanels.com)



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# DW-2000 - HORIZONTAL INSTALLATION



CONTACT KINGSPAN TECHNICAL SERVICES FOR SPECIFIC PROJECT FASTENING REQUIREMENTS

REVISION	
REVISION #	DATE
5	12/13/23

4" HORIZONTAL  
PANEL JOINT

DETAIL #: AR-PJ-09-DW2H

RELEASE: 2024

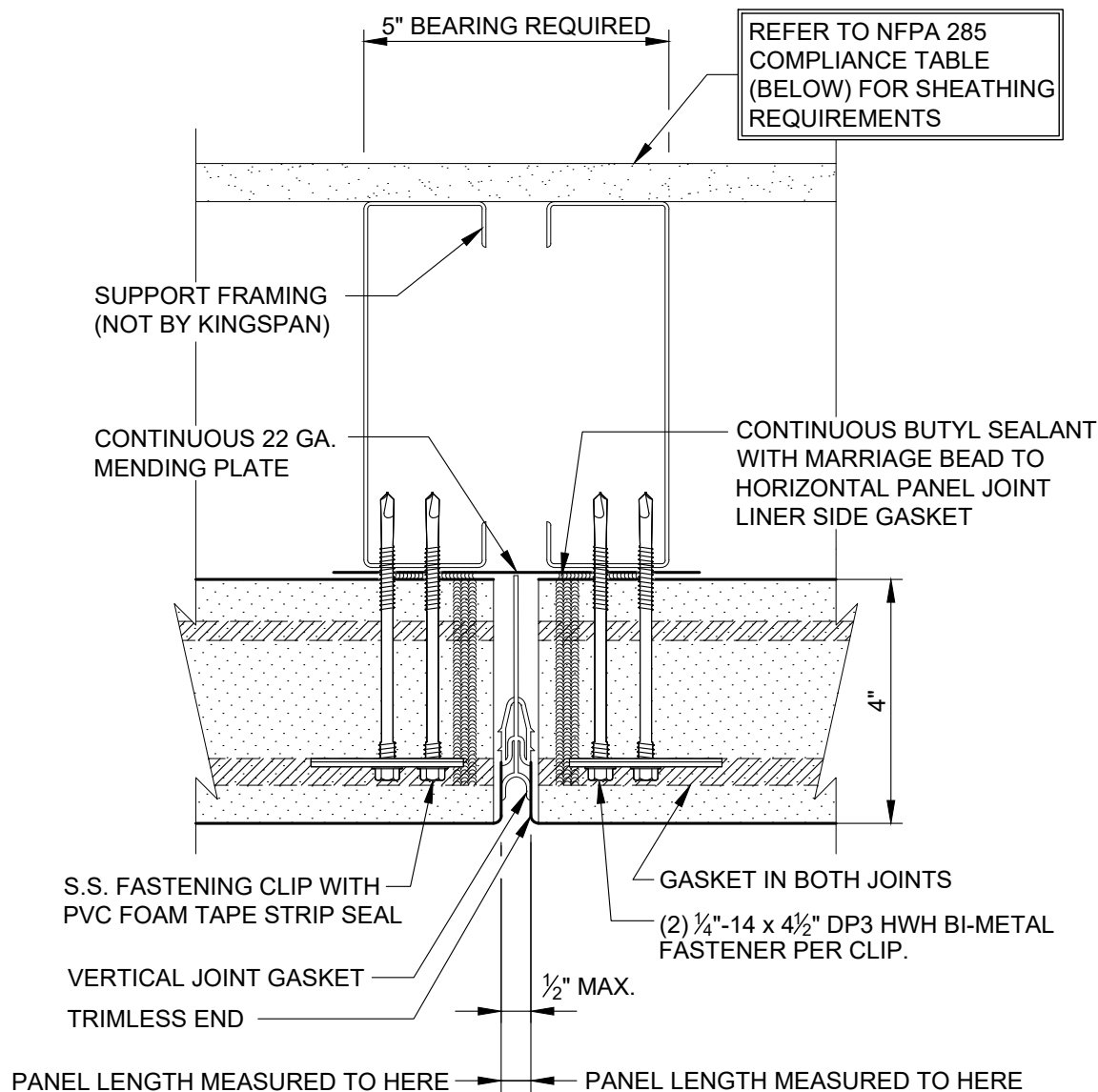
REGION: NORTH AMERICA

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# DW-2000 - HORIZONTAL INSTALLATION



NFPA 285 COMPLIANCE TABLE

PANEL TYPE	CORE	LEAST PANEL WIDTH	THERMAL BARRIER (WALL)	THERMAL BARRIER (HEAD /SILL/JAMB/STACK JOINT)
DESIGNWALL 2000 (HORIZONTAL)	PIR	< 24"	NON-COMPLIANT PANEL	NON-COMPLIANT PANEL
DESIGNWALL 2000 (HORIZONTAL)	PIR	≥ 24"	NOT REQUIRED	NO THERMAL BARRIER REQUIRED
DESIGNWALL 2000 (HORIZONTAL)	QUADCORE B	< 24"	1/2" GYPSUM WALL BOARD	NO THERMAL BARRIER REQUIRED
DESIGNWALL 2000 (HORIZONTAL)	QUADCORE B	≥ 24"	NOT REQUIRED	NO THERMAL BARRIER REQUIRED

REVISION

REVISION #	DATE
4	12/5/23

4" VERTICAL  
PANEL JOINT  
GASKET

DETAIL #: AR-PJ-10a-DW2H

RELEASE: 2024

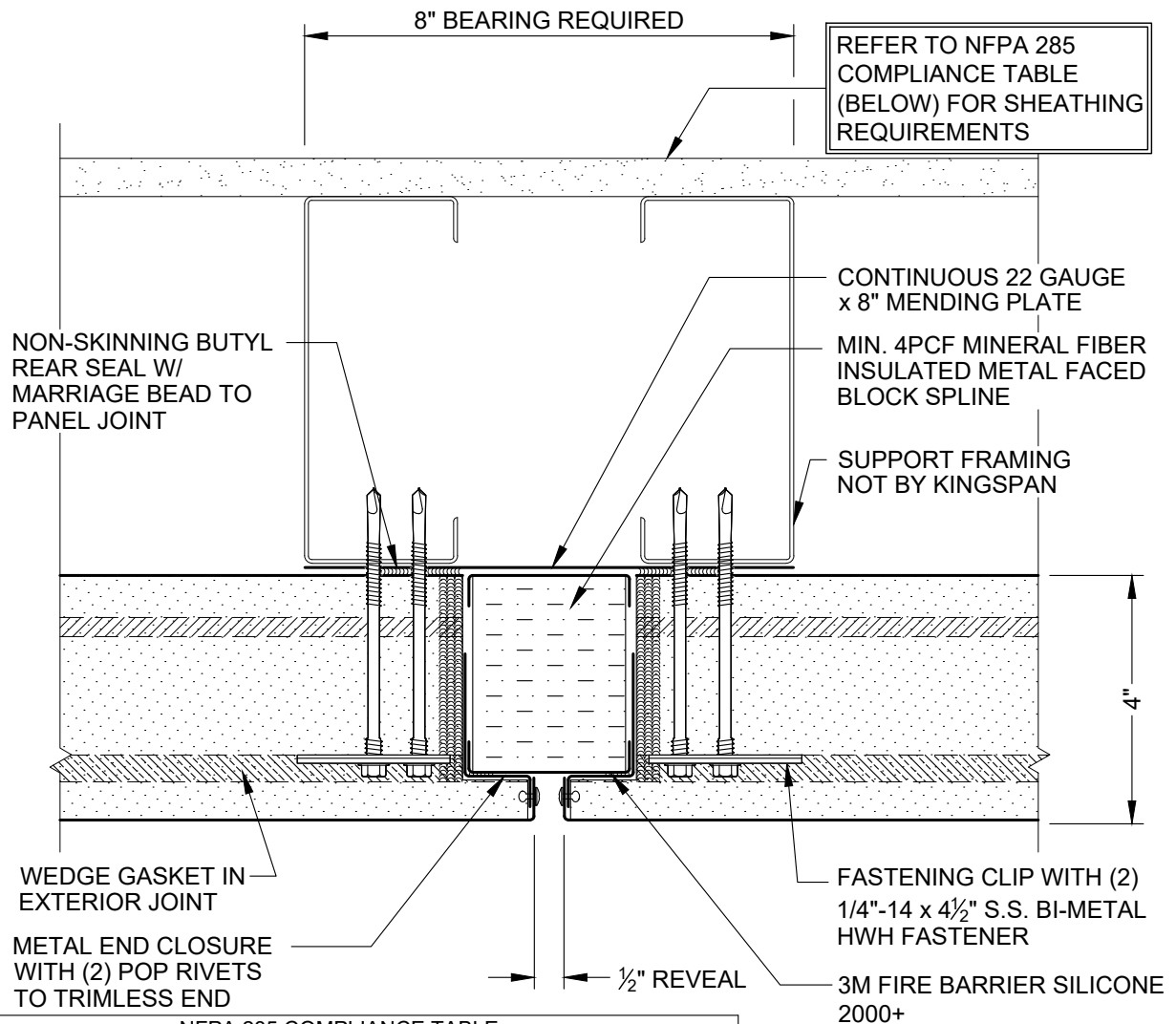
REGION: NORTH AMERICA

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# DW-2000 - HORIZONTAL INSTALLATION



NFPA 285 COMPLIANCE TABLE

PANEL TYPE	CORE	LEAST PANEL WIDTH	THERMAL BARRIER (WALL)	THERMAL BARRIER (HEAD /SILL/JAMB/STACK JOINT)
DESIGNWALL 2000 (HORIZONTAL)	PIR	< 24"	NON-COMPLIANT PANEL	NON-COMPLIANT PANEL
DESIGNWALL 2000 (HORIZONTAL)	PIR	≥ 24"	5/8" TYPE X WALL BOARD	NO THERMAL BARRIER REQUIRED
DESIGNWALL 2000 (HORIZONTAL)	QUADCORE B	< 24"	NON-COMPLIANT PANEL	NON-COMPLIANT PANEL
DESIGNWALL 2000 (HORIZONTAL)	QUADCORE B	≥ 24"	5/8" TYPE X WALL BOARD	NO THERMAL BARRIER REQUIRED

REVISION

REVISION #	DATE
4	12/5/23

4" VERTICAL  
PANEL JOINT  
BLOCK SPLINE

DETAIL #: AR-PJ-10b-DW2H

RELEASE: 2024

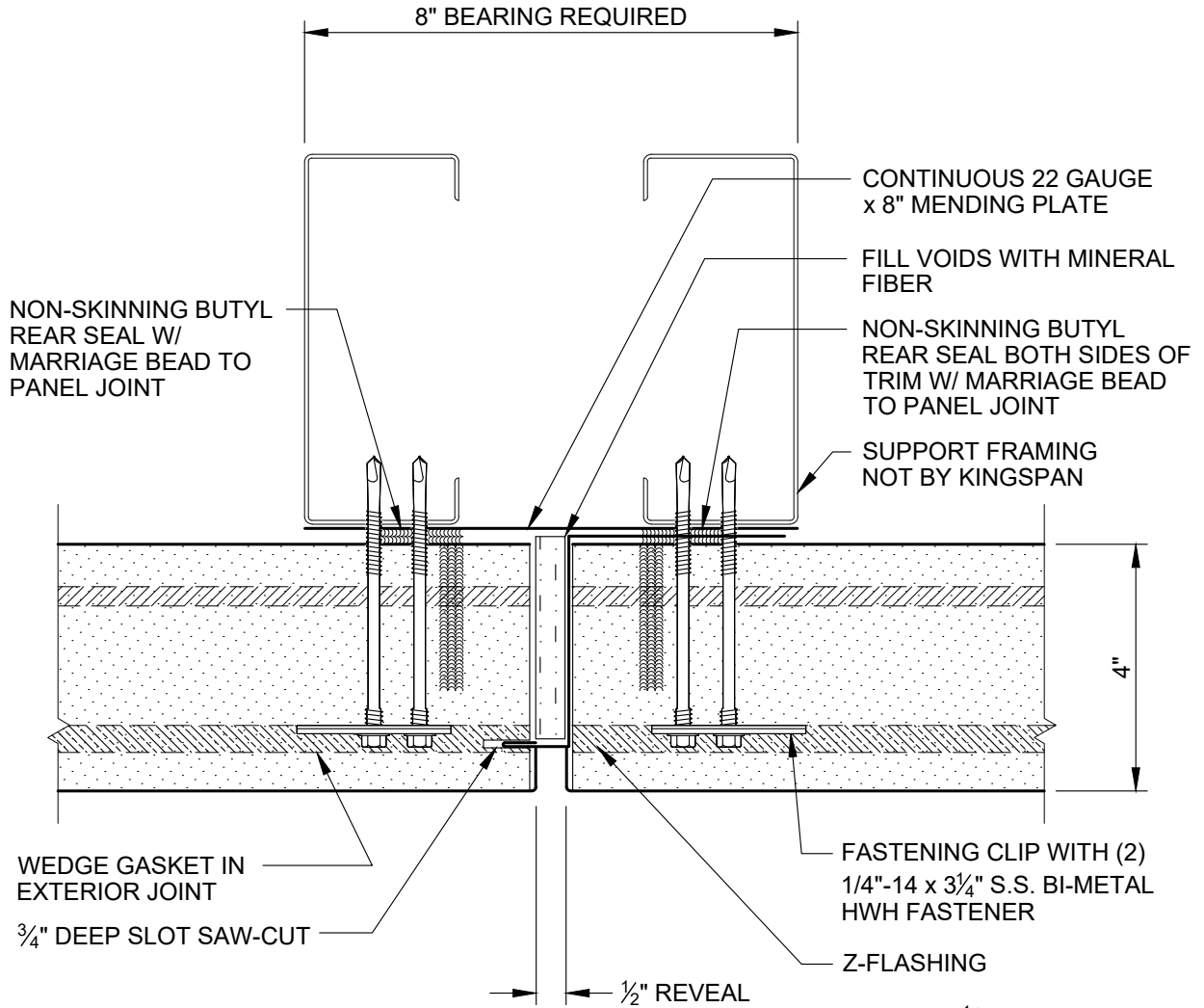
REGION: NORTH AMERICA

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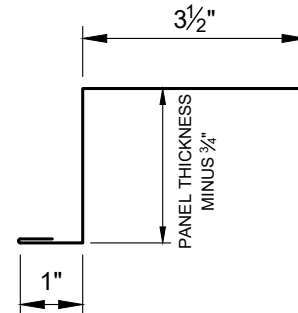


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# DW-2000 - HORIZONTAL INSTALLATION



NFPA 285 COMPLIANCE TABLE				
PANEL TYPE	CORE	LEAST PANEL WIDTH	THERMAL BARRIER (WALL)	THERMAL BARRIER (HEAD /SILL/JAMB/STACK JOINT)
DESIGNWALL 2000 (HORIZONTAL)	PIR	< 24"	NON-COMPLIANT PANEL	NON-COMPLIANT PANEL
DESIGNWALL 2000 (HORIZONTAL)	PIR	≥ 24"	NOT REQUIRED	NO THERMAL BARRIER REQUIRED
DESIGNWALL 2000 (HORIZONTAL)	QUADCORE B	< 24"	1/2" GYPSUM WALL BOARD	NO THERMAL BARRIER REQUIRED
DESIGNWALL 2000 (HORIZONTAL)	QUADCORE B	≥ 24"	NOT REQUIRED	NO THERMAL BARRIER REQUIRED



REVISION	
REVISION #	DATE
4	12/5/23

4" VERTICAL  
PANEL JOINT ALT

DETAIL #: AR-PJ-10c-DW2H

RELEASE: 2024

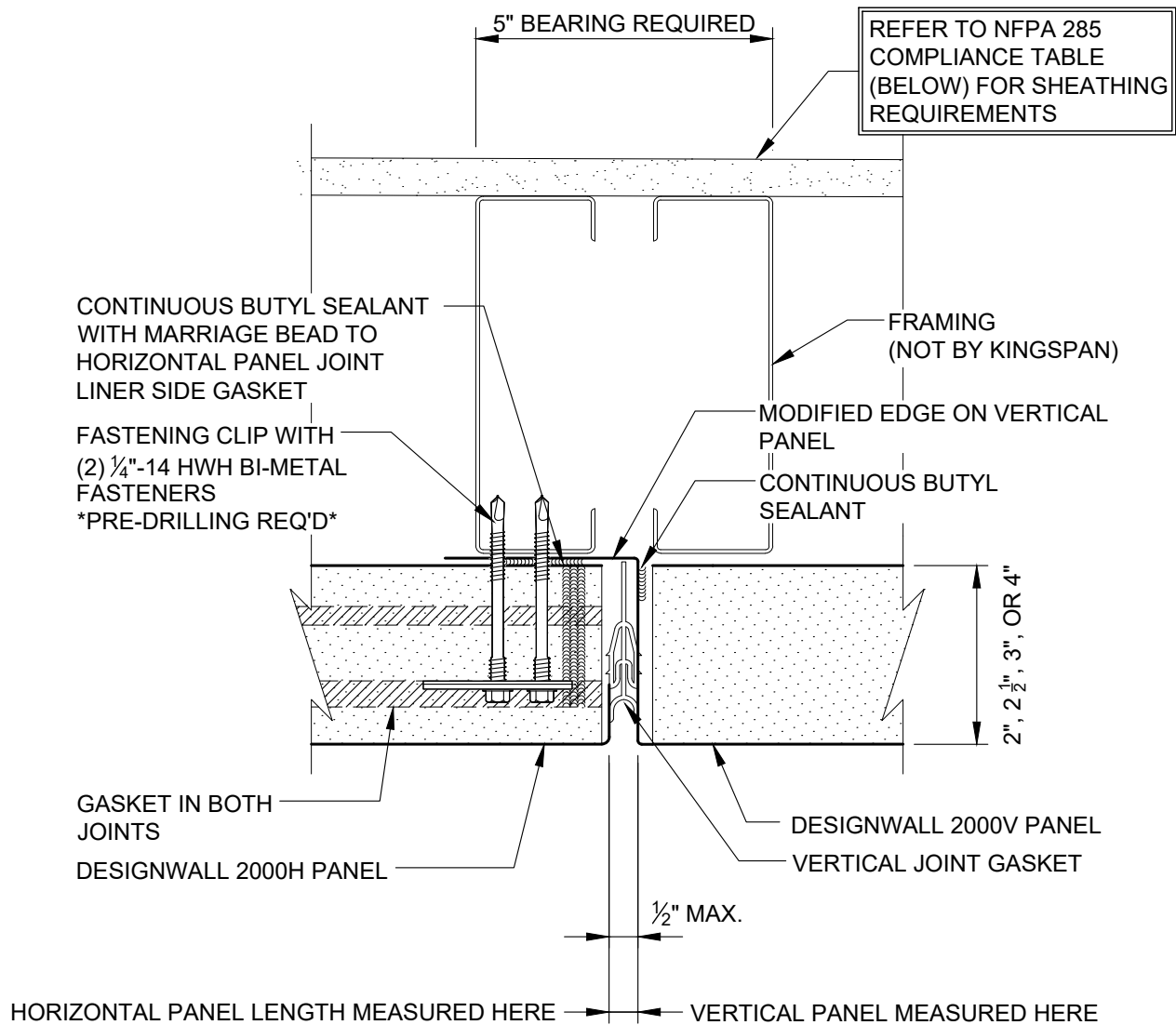
REGION: NORTH AMERICA

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# DW-2000 - HORIZONTAL INSTALLATION



NFPA 285 COMPLIANCE TABLE

PANEL TYPE	CORE	LEAST PANEL WIDTH	THERMAL BARRIER (WALL)	THERMAL BARRIER (HEAD /SILL/JAMB/STACK JOINT)
DESIGNWALL 2000 (HORIZONTAL)	PIR	< 24"	NON-COMPLIANT PANEL	NON-COMPLIANT PANEL
DESIGNWALL 2000 (HORIZONTAL)	PIR	≥ 24"	NOT REQUIRED	NO THERMAL BARRIER REQUIRED
DESIGNWALL 2000 (HORIZONTAL)	QUADCORE B	< 24"	1/2" GYPSUM WALL BOARD	NO THERMAL BARRIER REQUIRED
DESIGNWALL 2000 (HORIZONTAL)	QUADCORE B	≥ 24"	NOT REQUIRED	NO THERMAL BARRIER REQUIRED

REVISION

REVISION #	DATE
4	12/5/23

DW-2000H TO  
DW-2000V TRANSITION

DETAIL #: AR-PJ-11-DW2H

RELEASE: 2024

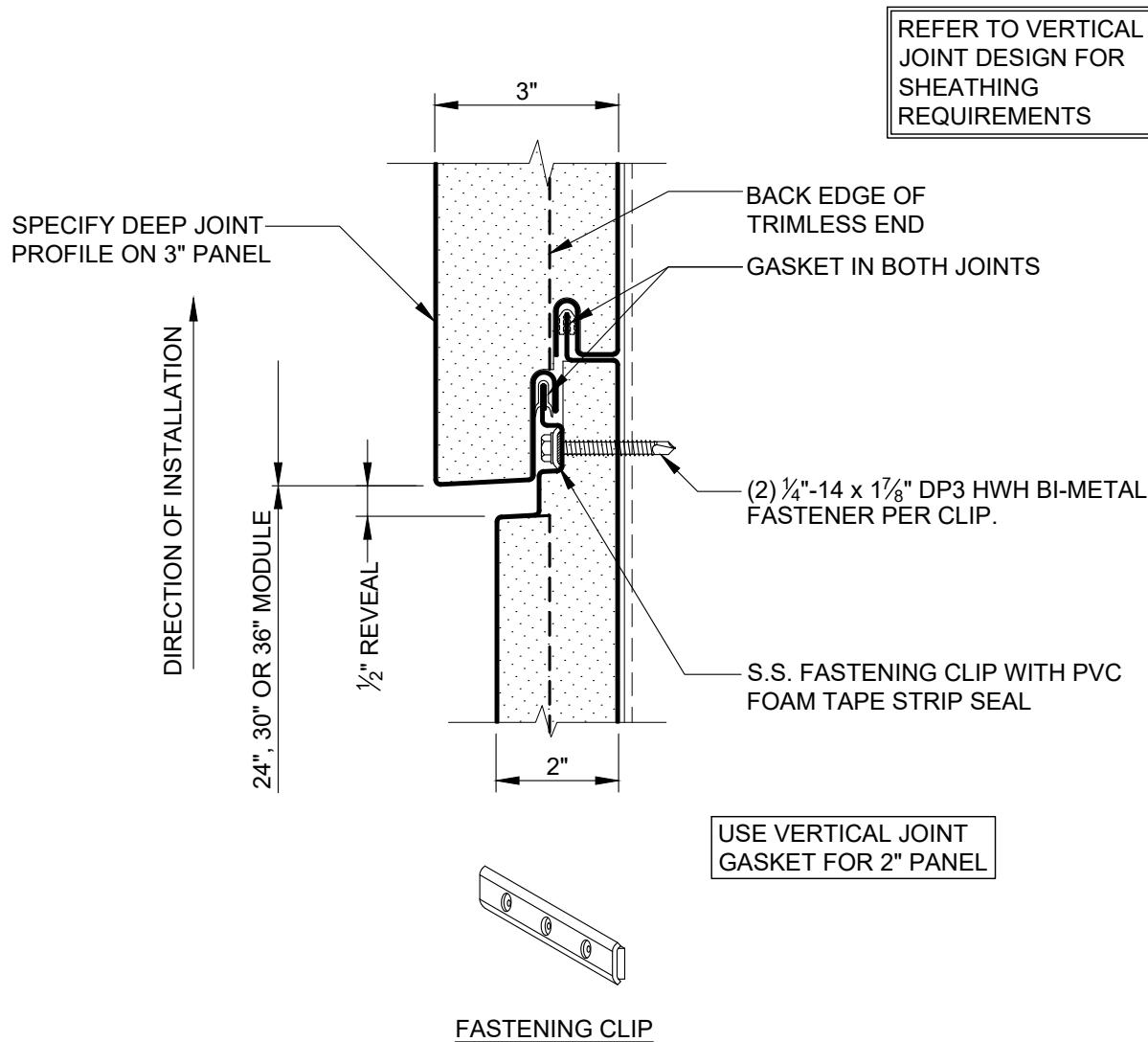
REGION: NORTH AMERICA

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CONTACT TECHNICAL SERVICES FOR SPECIFIC PROJECT FASTENING REQUIREMENTS

NFPA 285 COMPLIANCE TABLE				
PANEL TYPE	CORE	LEAST PANEL WIDTH	THERMAL BARRIER (WALL)	THERMAL BARRIER (HEAD /SILL/JAMB/STACK JOINT)
DESIGNWALL 2000 (HORIZONTAL)	PIR	< 24"	NON-COMPLIANT PANEL	NON-COMPLIANT PANEL
DESIGNWALL 2000 (HORIZONTAL)	PIR	≥ 24"	NOT REQUIRED	NO THERMAL BARRIER REQUIRED
DESIGNWALL 2000 (HORIZONTAL)	QUADCORE B	< 24"	1/2" GYPSUM WALL BOARD	NO THERMAL BARRIER REQUIRED
DESIGNWALL 2000 (HORIZONTAL)	QUADCORE B	≥ 24"	NOT REQUIRED	NO THERMAL BARRIER REQUIRED

REVISION	
REVISION #	DATE
4	12/5/23

3" TO 2" INTEGRATION

DETAIL #: AR-PJ-12-DW2H

RELEASE: 2024

REGION: NORTH AMERICA

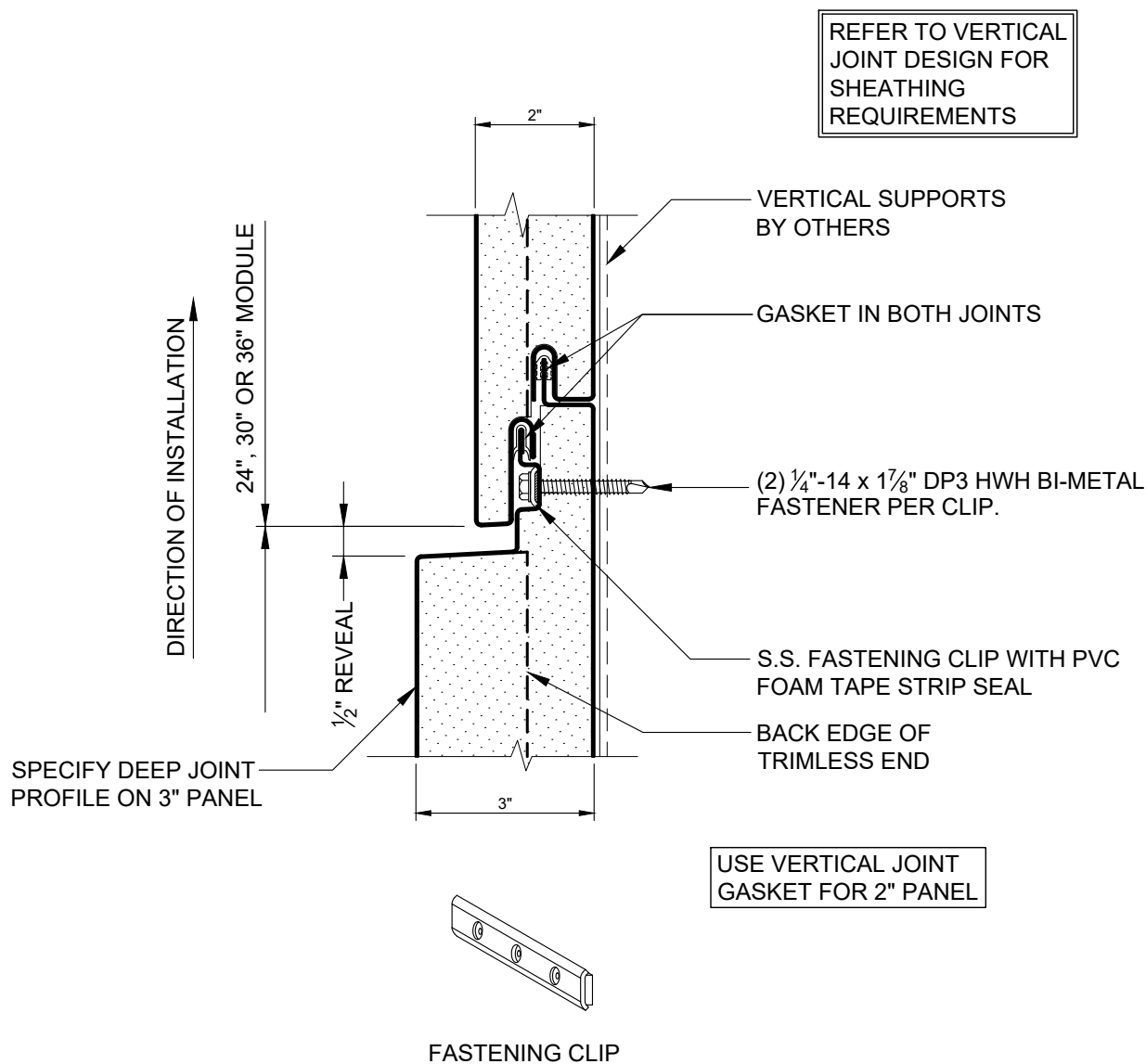
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# DW-2000 - HORIZONTAL INSTALLATION



CONTACT TECHNICAL SERVICES FOR SPECIFIC PROJECT FASTENING REQUIREMENTS

NFPA 285 COMPLIANCE TABLE				
PANEL TYPE	CORE	LEAST PANEL WIDTH	THERMAL BARRIER (WALL)	THERMAL BARRIER (HEAD /SILL/JAMB/STACK JOINT)
DESIGNWALL 2000 (HORIZONTAL)	PIR	< 24"	NON-COMPLIANT PANEL	NON-COMPLIANT PANEL
DESIGNWALL 2000 (HORIZONTAL)	PIR	≥ 24"	NOT REQUIRED	NO THERMAL BARRIER REQUIRED
DESIGNWALL 2000 (HORIZONTAL)	QUADCORE B	< 24"	1/2" GYPSUM WALL BOARD	NO THERMAL BARRIER REQUIRED
DESIGNWALL 2000 (HORIZONTAL)	QUADCORE B	≥ 24"	NOT REQUIRED	NO THERMAL BARRIER REQUIRED

REVISION	
REVISION #	DATE
4	12/5/23

2" TO 3" INTEGRATION

DETAIL #: AR-PJ-13-DW2H

RELEASE: 2024

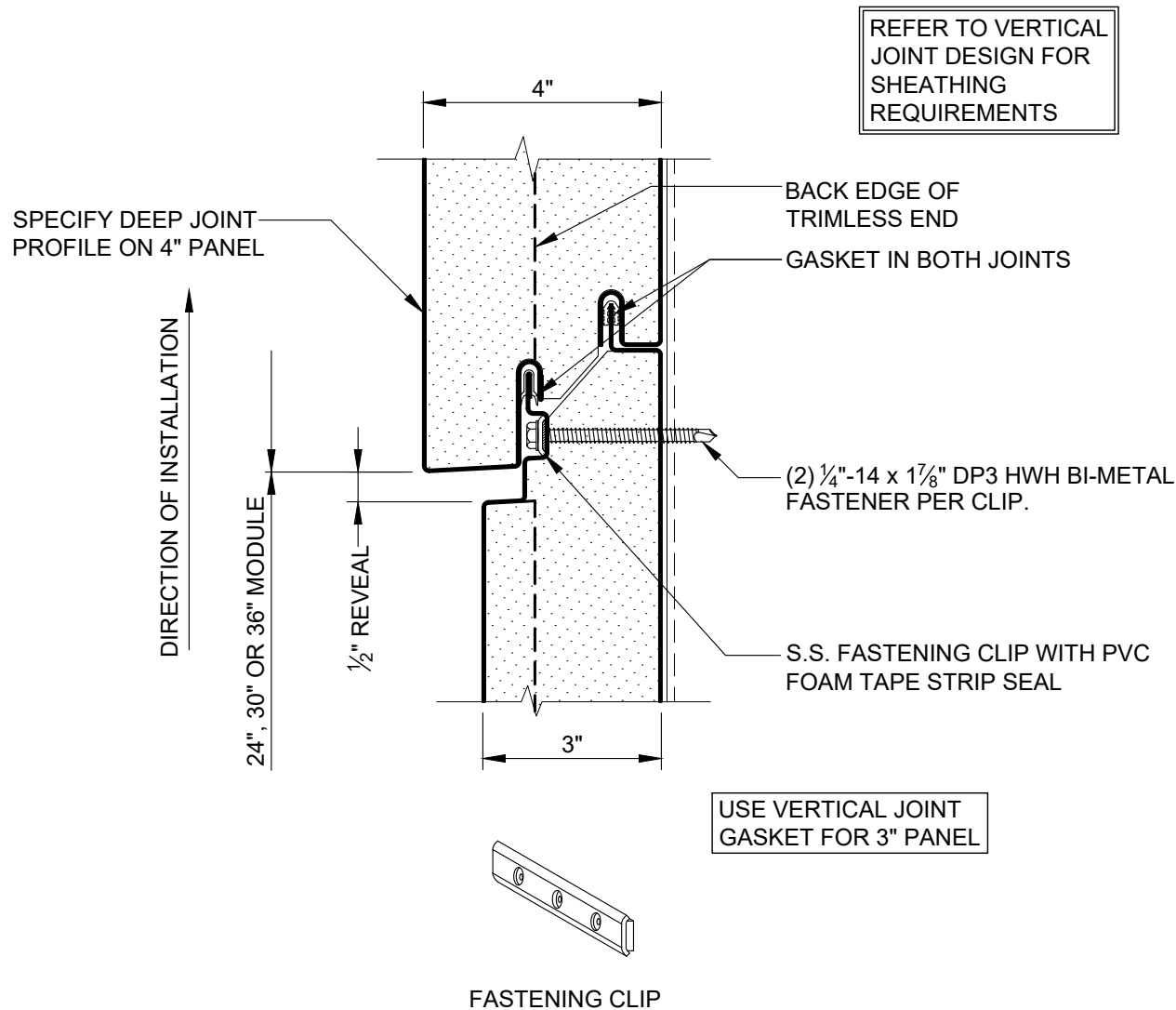
REGION: NORTH AMERICA

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# DW-2000 - HORIZONTAL INSTALLATION



CONTACT TECHNICAL SERVICES FOR SPECIFIC PROJECT FASTENING REQUIREMENTS

NFPA 285 COMPLIANCE TABLE

PANEL TYPE	CORE	LEAST PANEL WIDTH	THERMAL BARRIER (WALL)	THERMAL BARRIER (HEAD /SILL/JAMB/STACK JOINT)
DESIGNWALL 2000 (HORIZONTAL)	PIR	< 24"	NON-COMPLIANT PANEL	NON-COMPLIANT PANEL
DESIGNWALL 2000 (HORIZONTAL)	PIR	≥ 24"	NOT REQUIRED	NO THERMAL BARRIER REQUIRED
DESIGNWALL 2000 (HORIZONTAL)	QUADCORE B	< 24"	1/2" GYPSUM WALL BOARD	NO THERMAL BARRIER REQUIRED
DESIGNWALL 2000 (HORIZONTAL)	QUADCORE B	≥ 24"	NOT REQUIRED	NO THERMAL BARRIER REQUIRED

REVISION

REVISION #	DATE
4	12/5/23

4" TO 3" INTEGRATION

DETAIL #: AR-PJ-14-DW2H

RELEASE: 2024

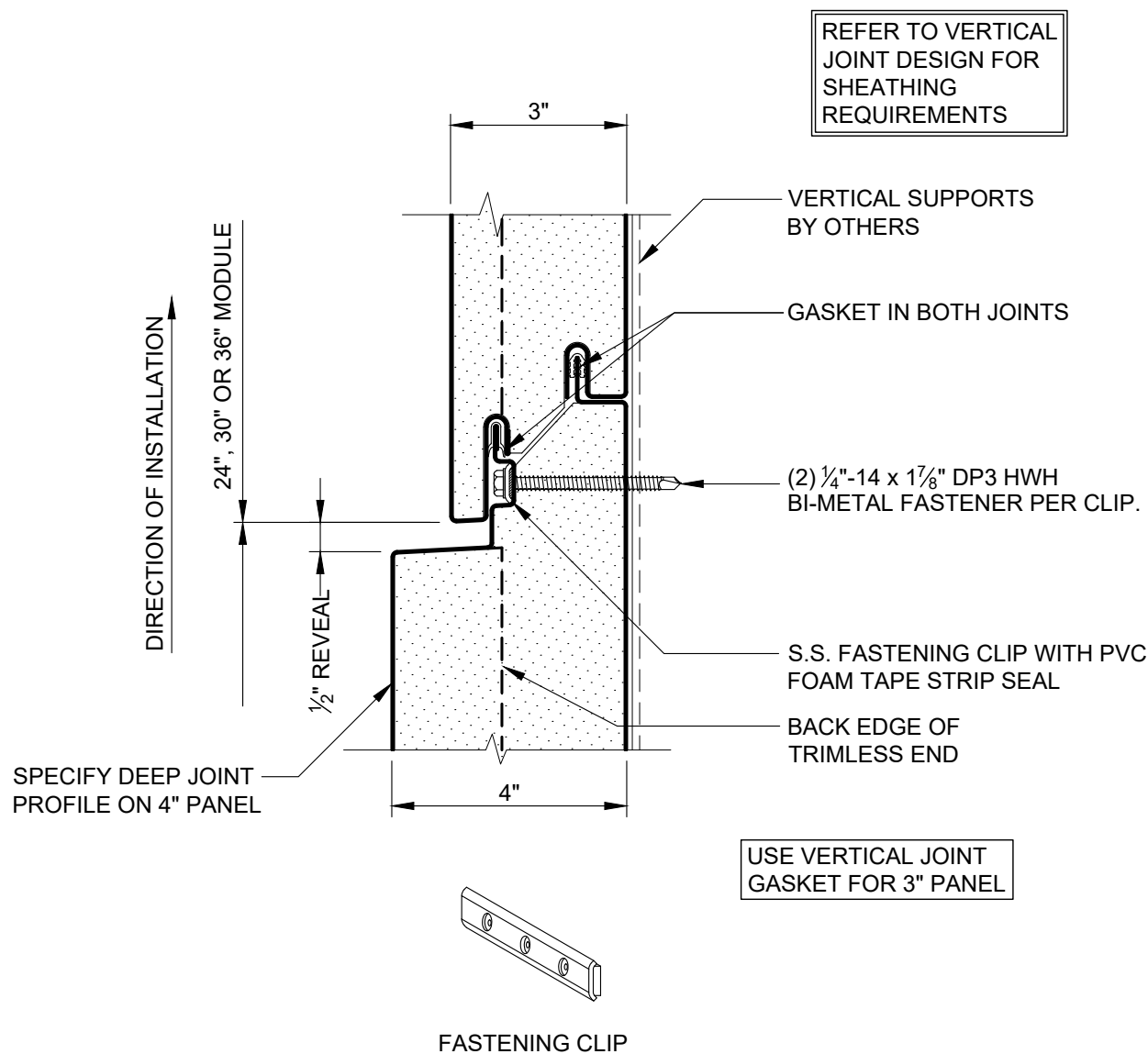
REGION: NORTH AMERICA

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# DW-2000 - HORIZONTAL INSTALLATION



CONTACT TECHNICAL SERVICES FOR SPECIFIC PROJECT FASTENING REQUIREMENTS

NFPA 285 COMPLIANCE TABLE				
PANEL TYPE	CORE	LEAST PANEL WIDTH	THERMAL BARRIER (WALL)	THERMAL BARRIER (HEAD /SILL/JAMB/STACK JOINT)
DESIGNWALL 2000 (HORIZONTAL)	PIR	< 24"	NON-COMPLIANT PANEL	NON-COMPLIANT PANEL
DESIGNWALL 2000 (HORIZONTAL)	PIR	≥ 24"	NOT REQUIRED	NO THERMAL BARRIER REQUIRED
DESIGNWALL 2000 (HORIZONTAL)	QUADCORE B	< 24"	1/2" GYPSUM WALL BOARD	NO THERMAL BARRIER REQUIRED
DESIGNWALL 2000 (HORIZONTAL)	QUADCORE B	≥ 24"	NOT REQUIRED	NO THERMAL BARRIER REQUIRED

REVISION	
REVISION #	DATE
4	12/5/23

3" TO 4" INTEGRATION

DETAIL #: AR-PJ-15-DW2H

RELEASE: 2024

REGION: NORTH AMERICA

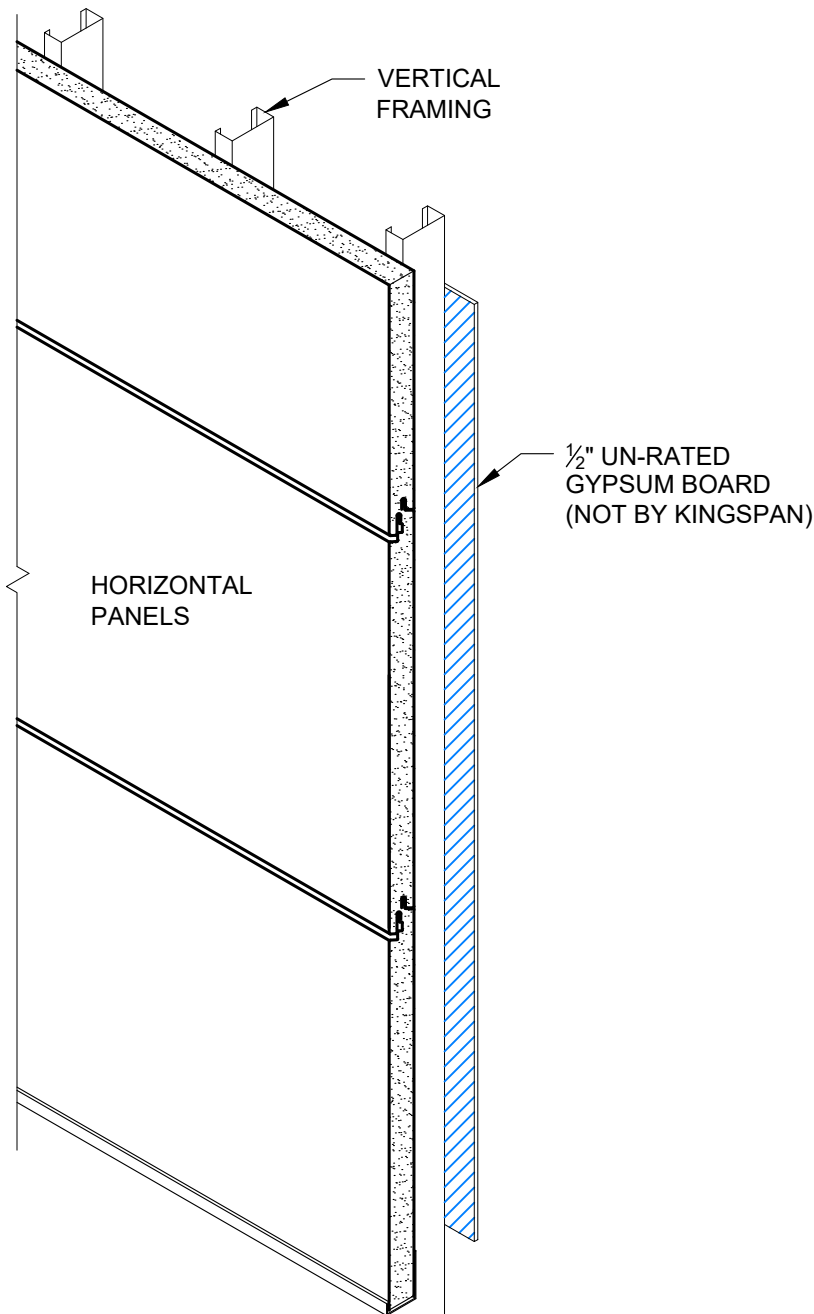
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# DW-2000 - HORIZONTAL INSTALLATION

ALWAYS ATTACH HORIZONTAL PANELS TO  
VERTICALLY ORIENTED SUPPORTS



REVISION	
REVISION #	DATE
4	12/5/23

PANELS OVER  
METAL STUDS

DETAIL #: AR-PJ-16-DW2H

RELEASE: 2024

REGION: NORTH AMERICA

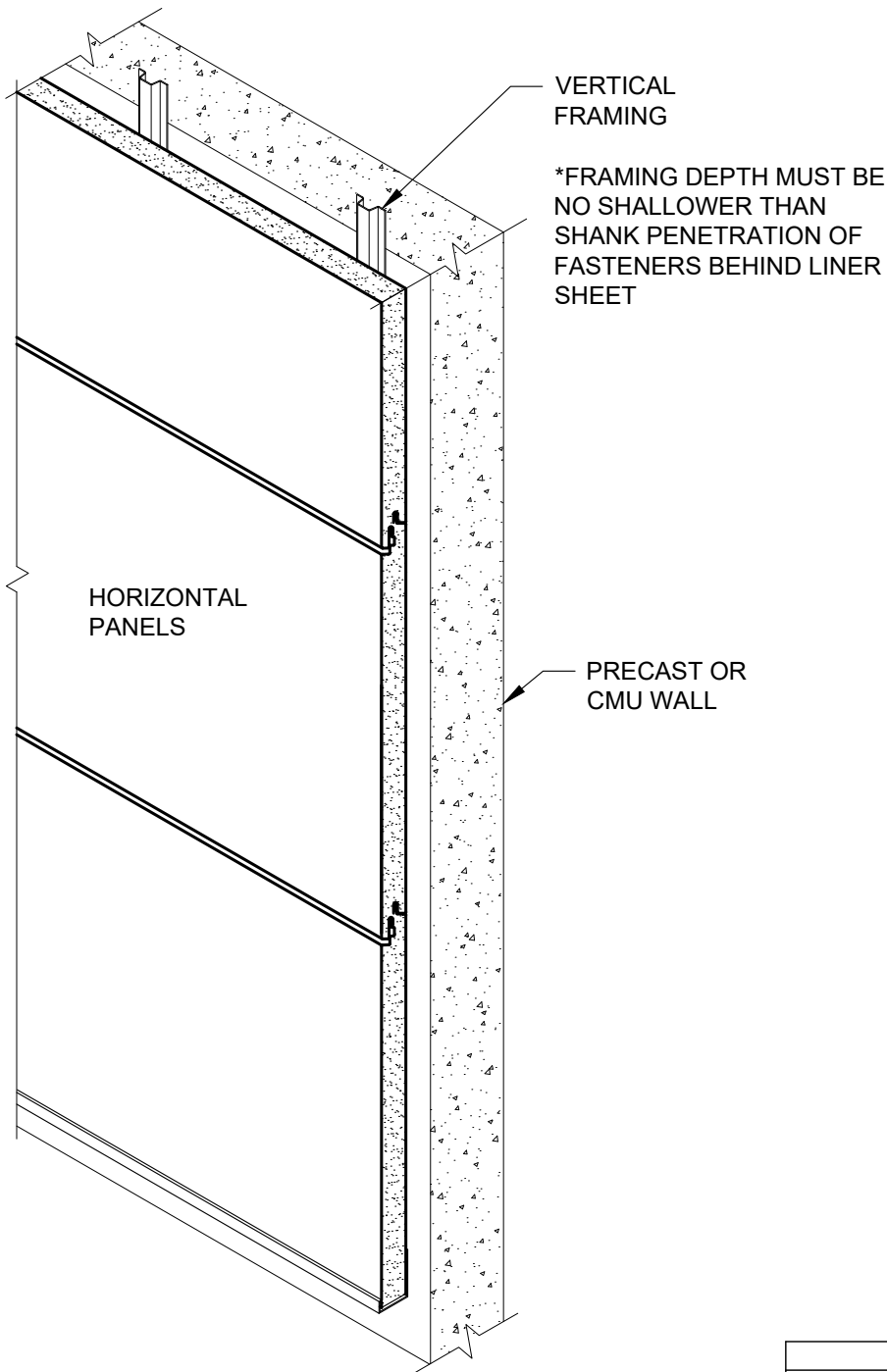
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# DW-2000 - HORIZONTAL INSTALLATION

ALWAYS ATTACH HORIZONTAL PANELS TO  
VERTICALLY ORIENTED SUPPORTS



REVISION	
REVISION #	DATE
4	12/5/23

PANELS OVER  
MASONRY OR CMU

DETAIL #: AR-PJ-17-DW2H

RELEASE: 2024

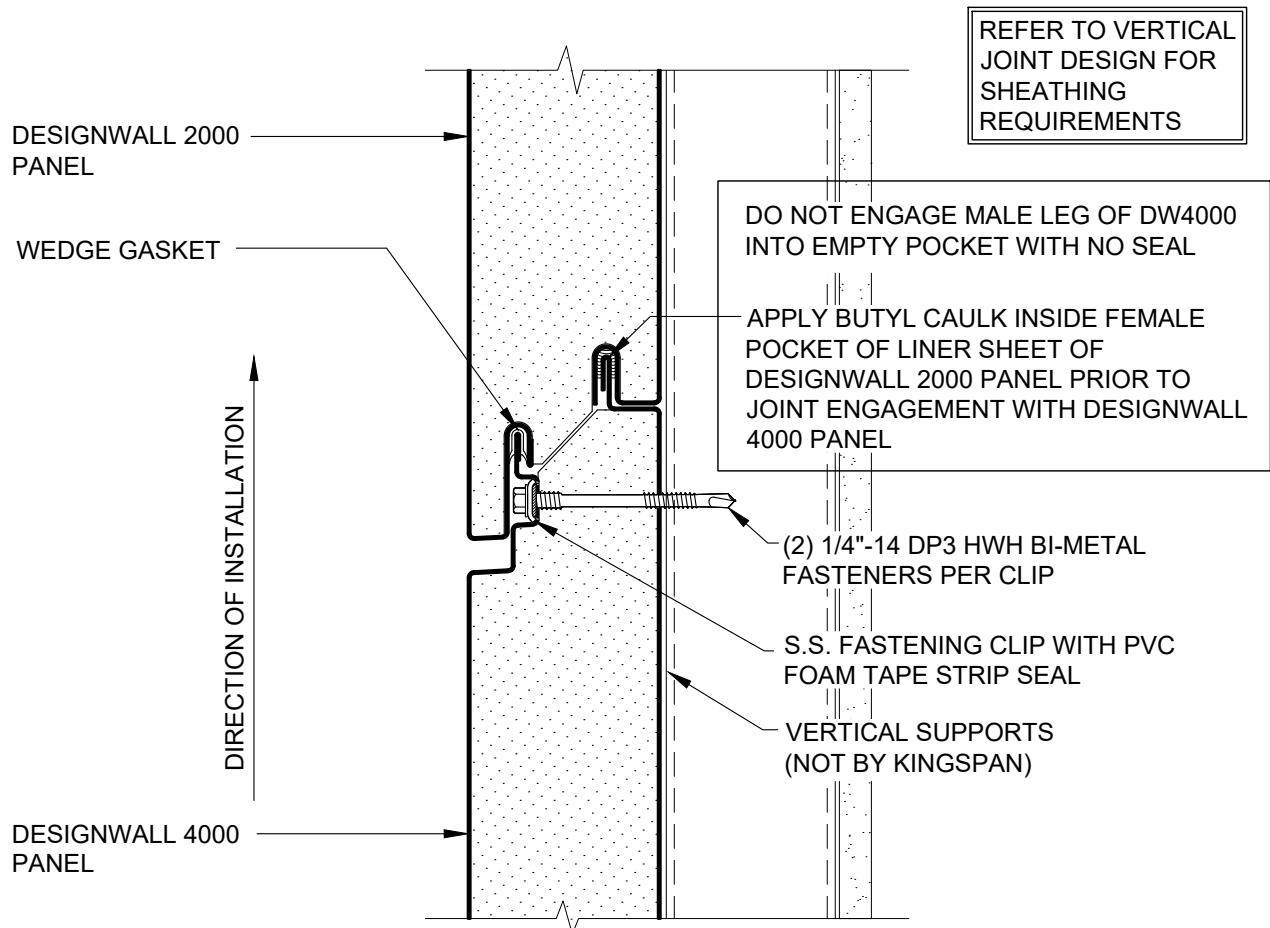
REGION: NORTH AMERICA

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# DW-2000 - HORIZONTAL INSTALLATION



REVISION	
REVISION #	DATE
4	12/5/23

DW2000 TO  
DW4000

DETAIL #: AR-PJ-18-DW2H

RELEASE: 2024

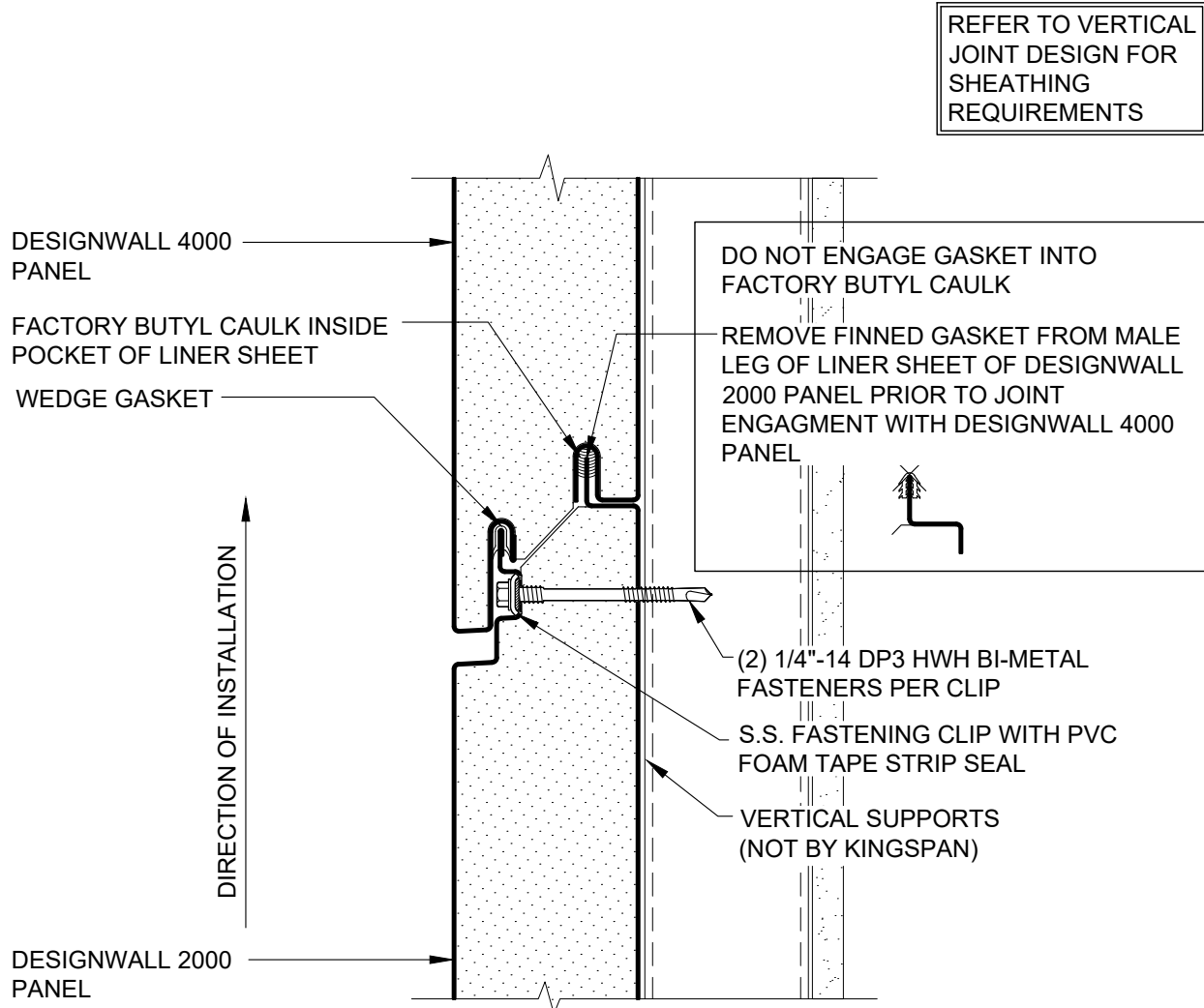
REGION: NORTH AMERICA

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# DW-2000 - HORIZONTAL INSTALLATION



REVISION	
REVISION #	DATE
4	12/5/23

DW2000 TO  
DW4000

DETAIL #: AR-PJ-19-DW2H

RELEASE: 2024

REGION: NORTH AMERICA

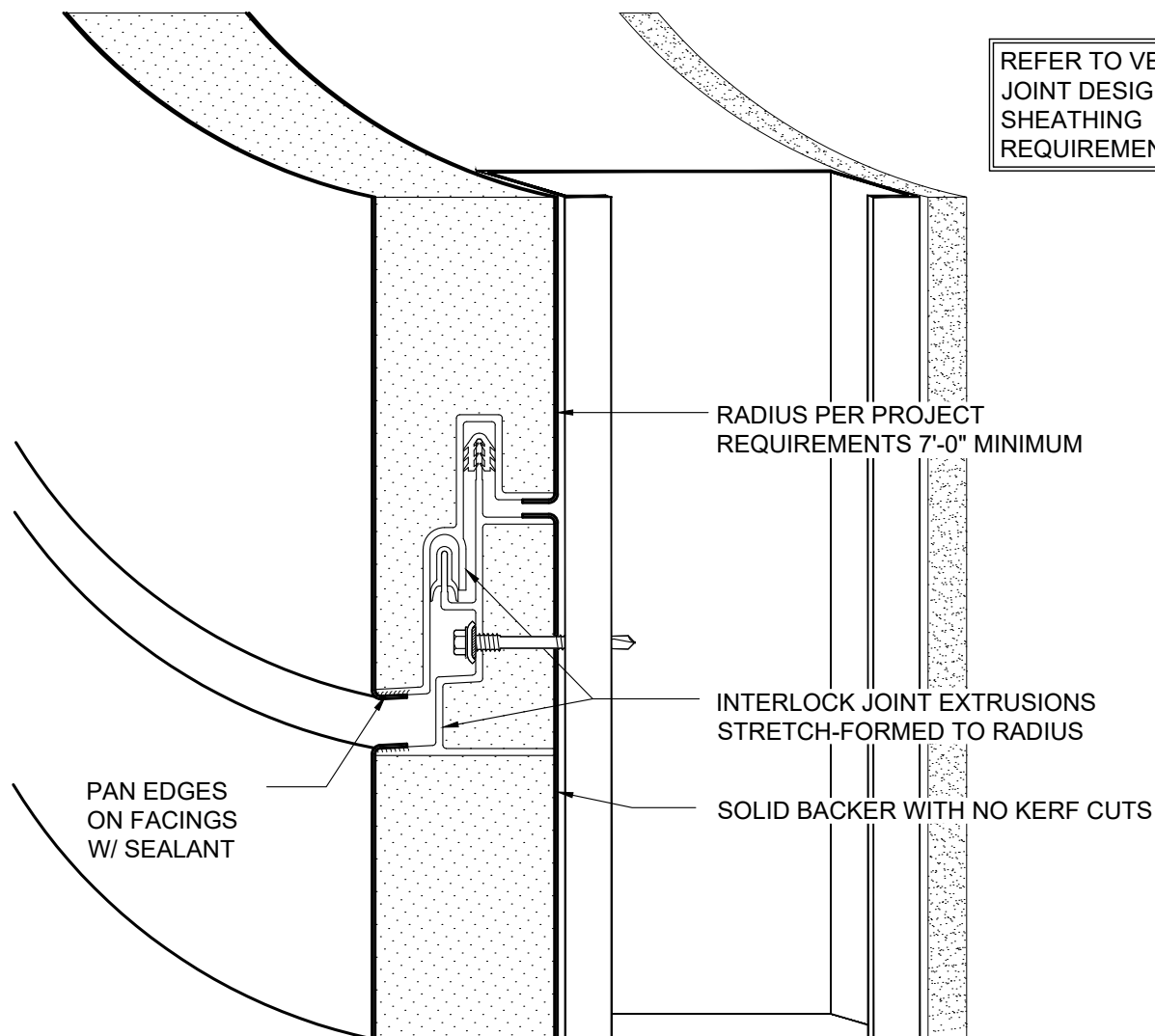
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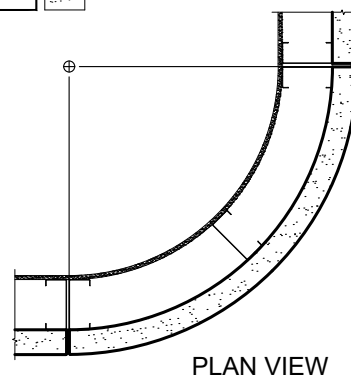


# DW-2000 - HORIZONTAL INSTALLATION



PANELS CURVED "HARD WAY" - CURVED JOINT

\*NOTE: RADII LARGER THAN 150 FT DO NOT REQUIRE MOCK INTERLOCK JOINT EXTRUSIONS STANDARD HORIZONTAL JOINT CONFIGURATION WILL BE USED.



## REVISION

REVISION #	DATE
4	12/5/23

RADIUS PANEL  
JOINT

DETAIL #: AR-PJ-20-DW2H

RELEASE: 2024

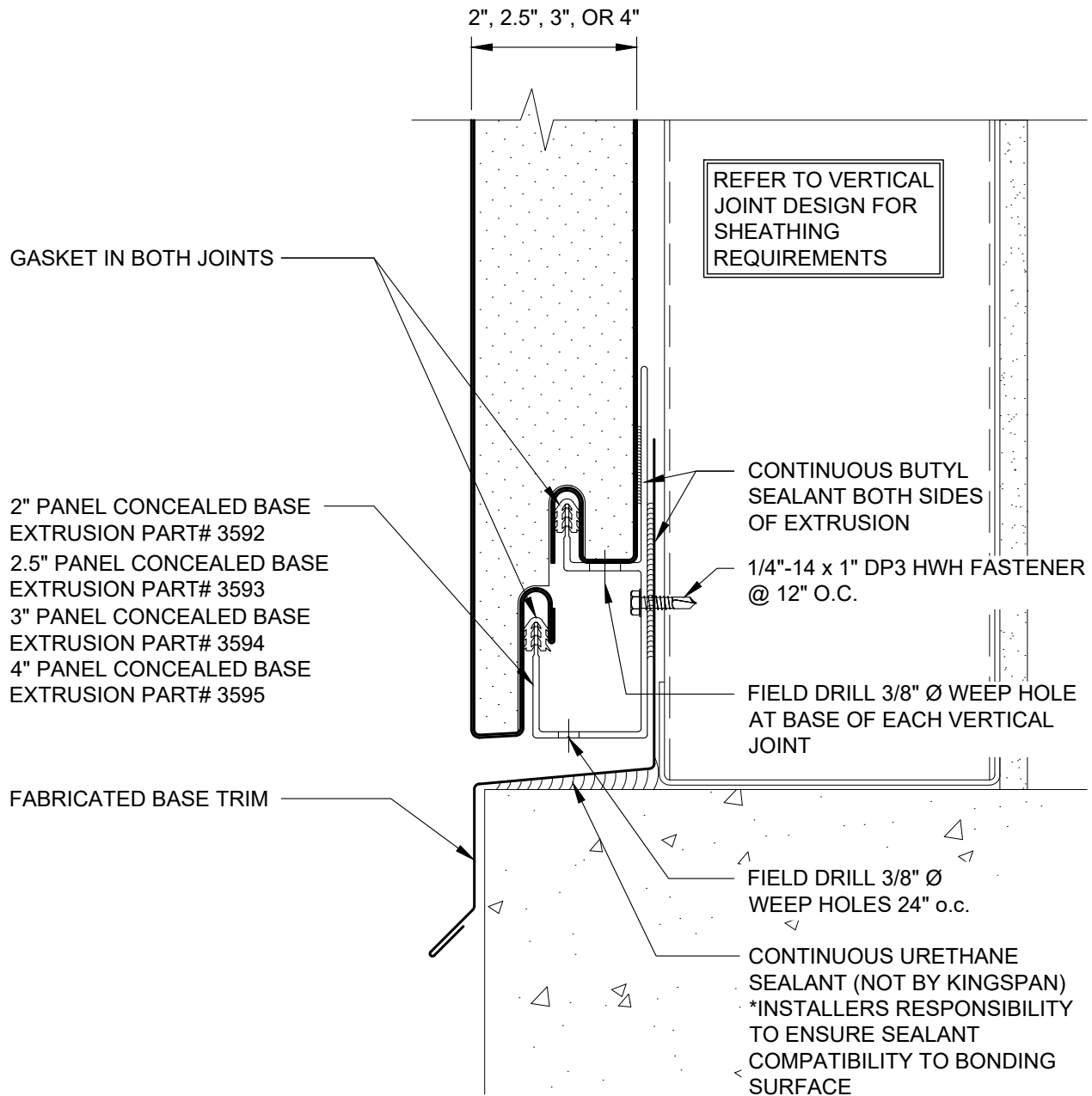
REGION: NORTH AMERICA

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# DW-2000 - HORIZONTAL INSTALLATION



**NOTE:**

- MINIMUM MODULE WIDTH = 24".
- 1 LAYER OF 5/8" TYPE "X" GYPSUM BOARD REQUIRED TO CONFORM TO NFPA 285.
- WEDGE GASKET REQUIRED IN EXTERIOR JOINT.

**REVISION**

REVISION #	DATE
6	1/8/24

**BASE DETAIL - FLUSH**

DETAIL #: AR-BS-01-DW2H

RELEASE: 2024

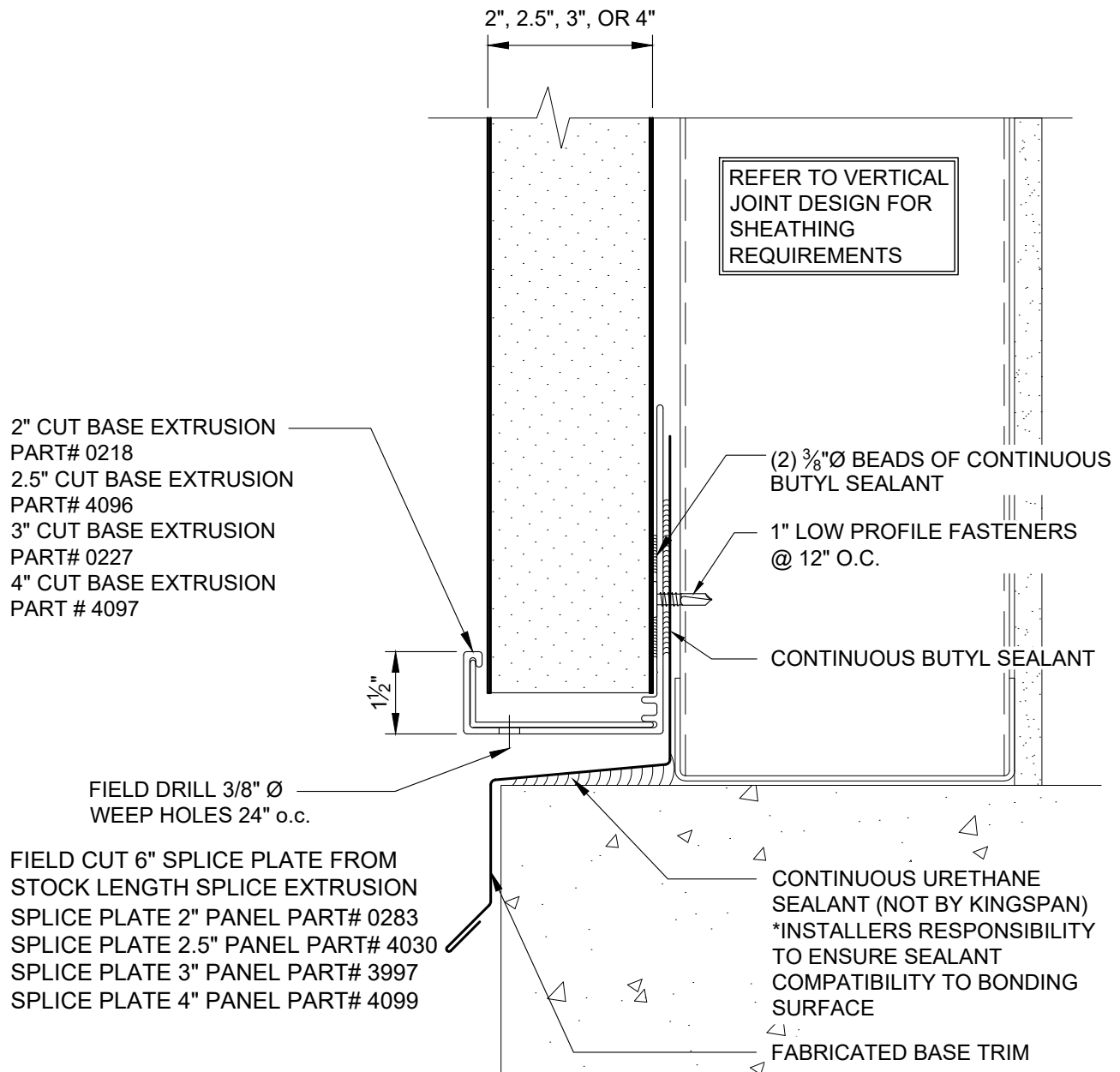
REGION: NORTH AMERICA

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# DW-2000 - HORIZONTAL INSTALLATION



## NOTE:

- MINIMUM MODULE WIDTH = 24".
- 1 LAYER OF 5/8" TYPE "X" GYPSUM BOARD REQUIRED TO CONFORM TO NFPA 285.
- WEDGE GASKET REQUIRED IN EXTERIOR JOINT.

## REVISION

REVISION #	DATE
6	1/8/24

BASE DETAIL - FIELD  
CUT FLUSH W/  
EXTRUSION

DETAIL #: AR-BS-02-DW2H

RELEASE: 2024

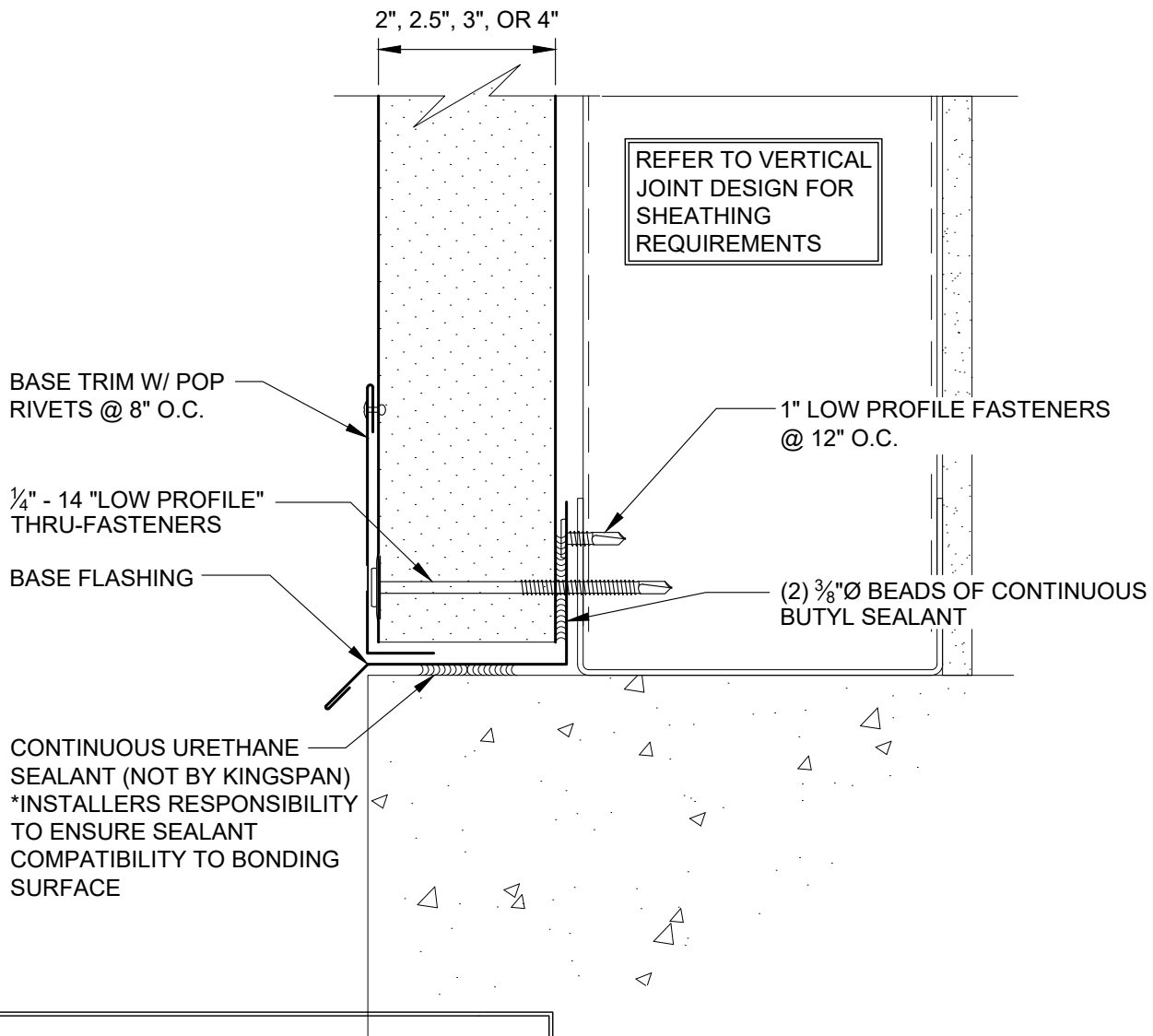
REGION: NORTH AMERICA

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# DW-2000 - HORIZONTAL INSTALLATION



## NOTE:

- MINIMUM MODULE WIDTH = 24".
- 1 LAYER OF 5/8" TYPE "X" GYPSUM BOARD REQUIRED TO CONFORM TO NFPA 285.
- WEDGE GASKET REQUIRED IN EXTERIOR JOINT.

## REVISION

REVISION #	DATE
6	1/8/24

BASE DETAIL - FIELD CUT  
FLUSH W/ TRIM

DETAIL #: AR-BS-03-DW2H

RELEASE: 2024

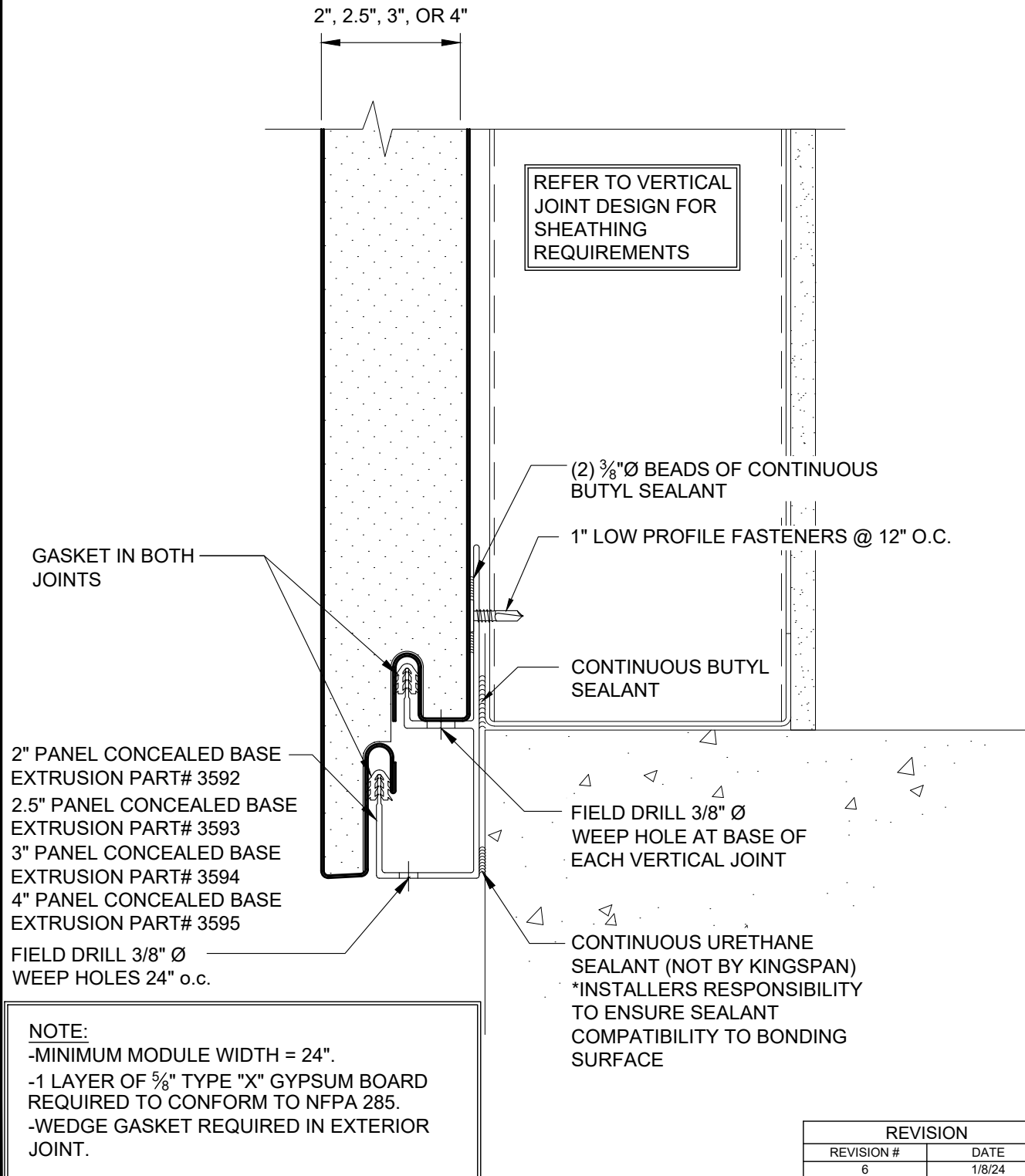
REGION: NORTH AMERICA

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# DW-2000 - HORIZONTAL INSTALLATION



BASE DETAIL -  
OVERHANG W/  
EXTRUSION

DETAIL #: AR-BS-04-DW2H

RELEASE: 2024

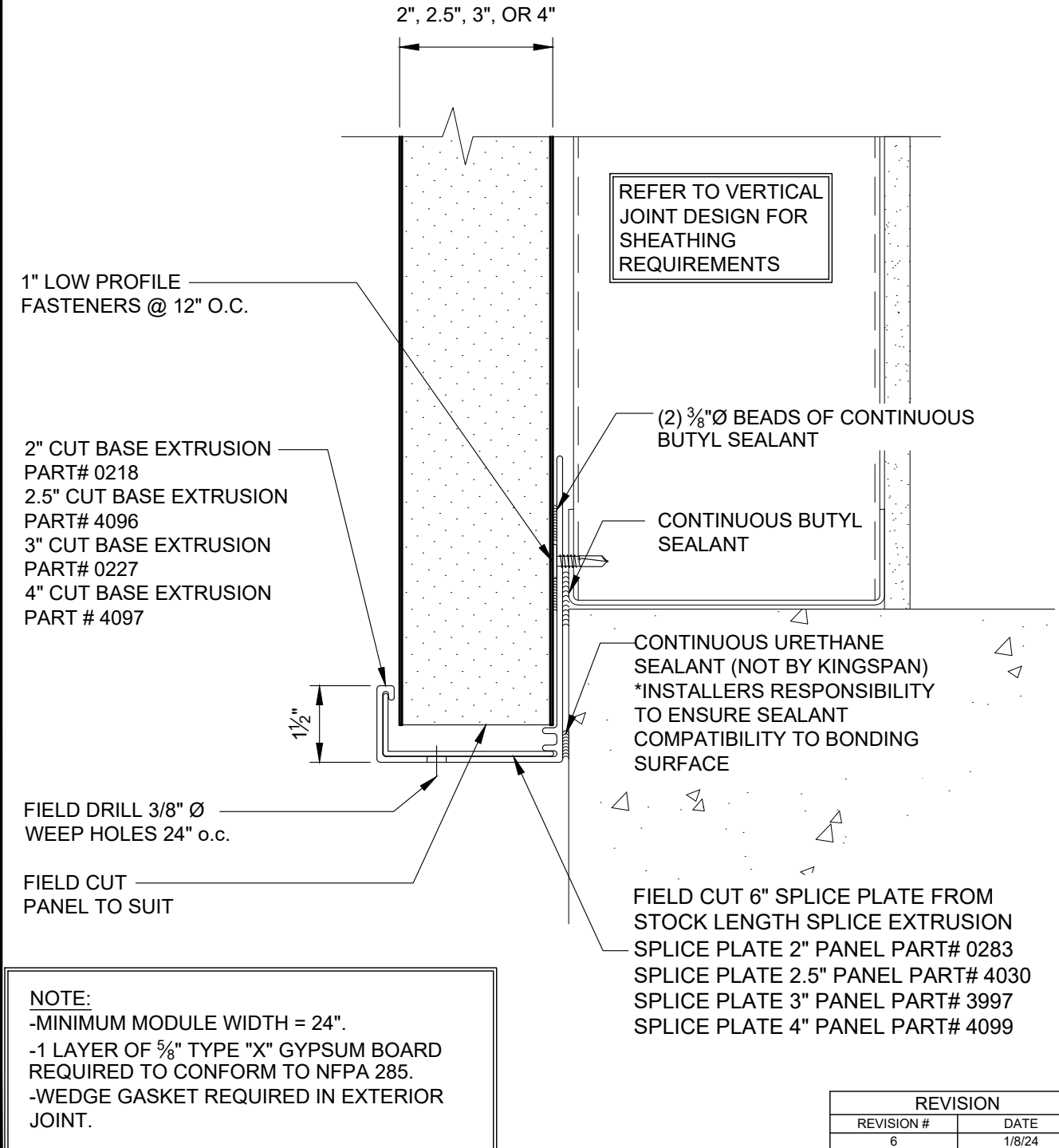
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# DW-2000 - HORIZONTAL INSTALLATION



BASE DETAIL - FIELD  
CUT OVERHANG  
W/ EXTRUSION

DETAIL #: AR-BS-05-DW2H

RELEASE: 2024

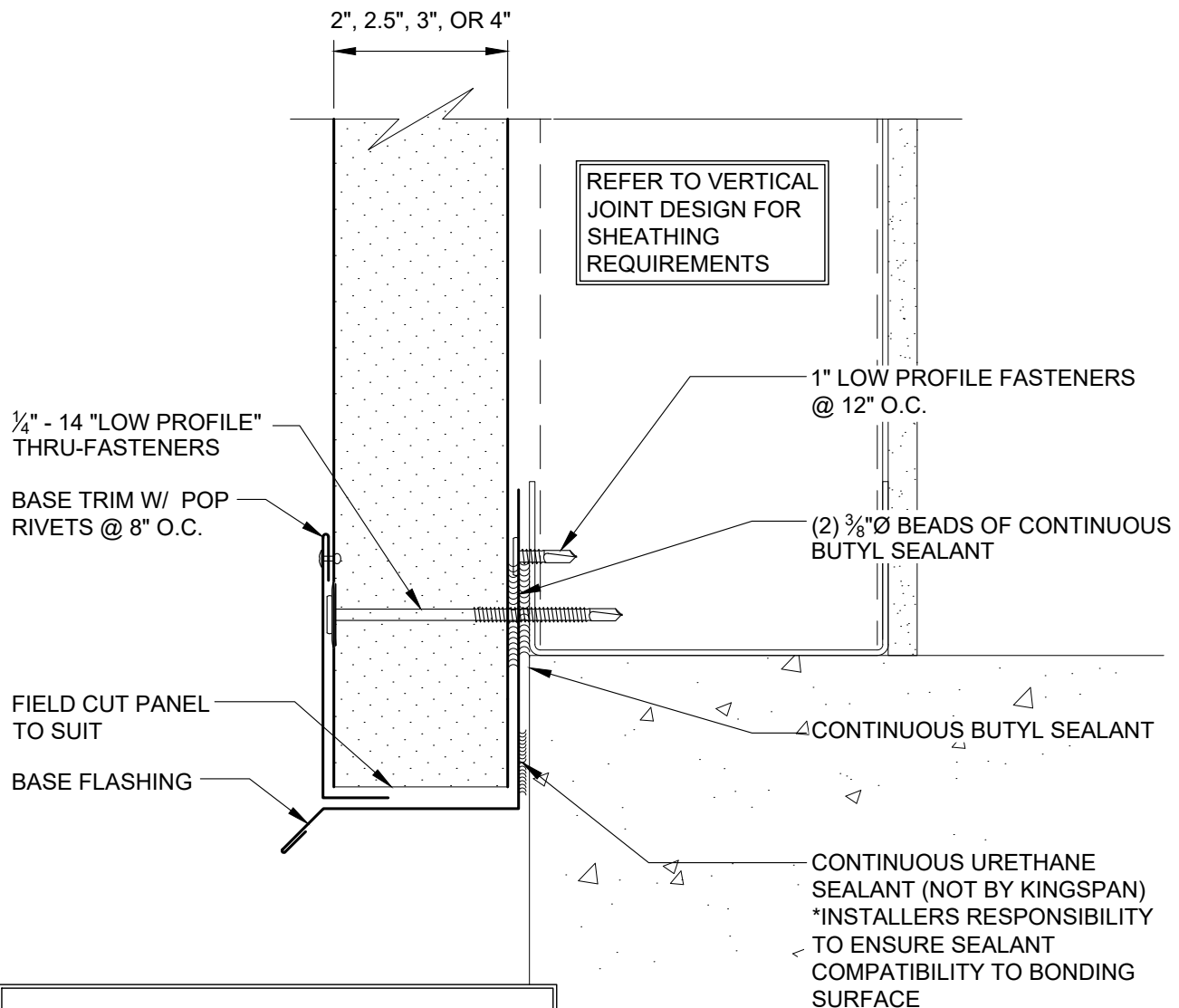
REGION: NORTH AMERICA

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# DW-2000 - HORIZONTAL INSTALLATION



**NOTE:**

- MINIMUM MODULE WIDTH = 24".
- 1 LAYER OF  $\frac{5}{8}$ " TYPE "X" GYPSUM BOARD REQUIRED TO CONFORM TO NFPA 285.
- WEDGE GASKET REQUIRED IN EXTERIOR JOINT.

REVISION

REVISION #	DATE
6	1/8/24

BASE DETAIL - FIELD CUT  
OVERHANG W/ TRIM

DETAIL #: AR-BS-06-DW2H

RELEASE: 2024

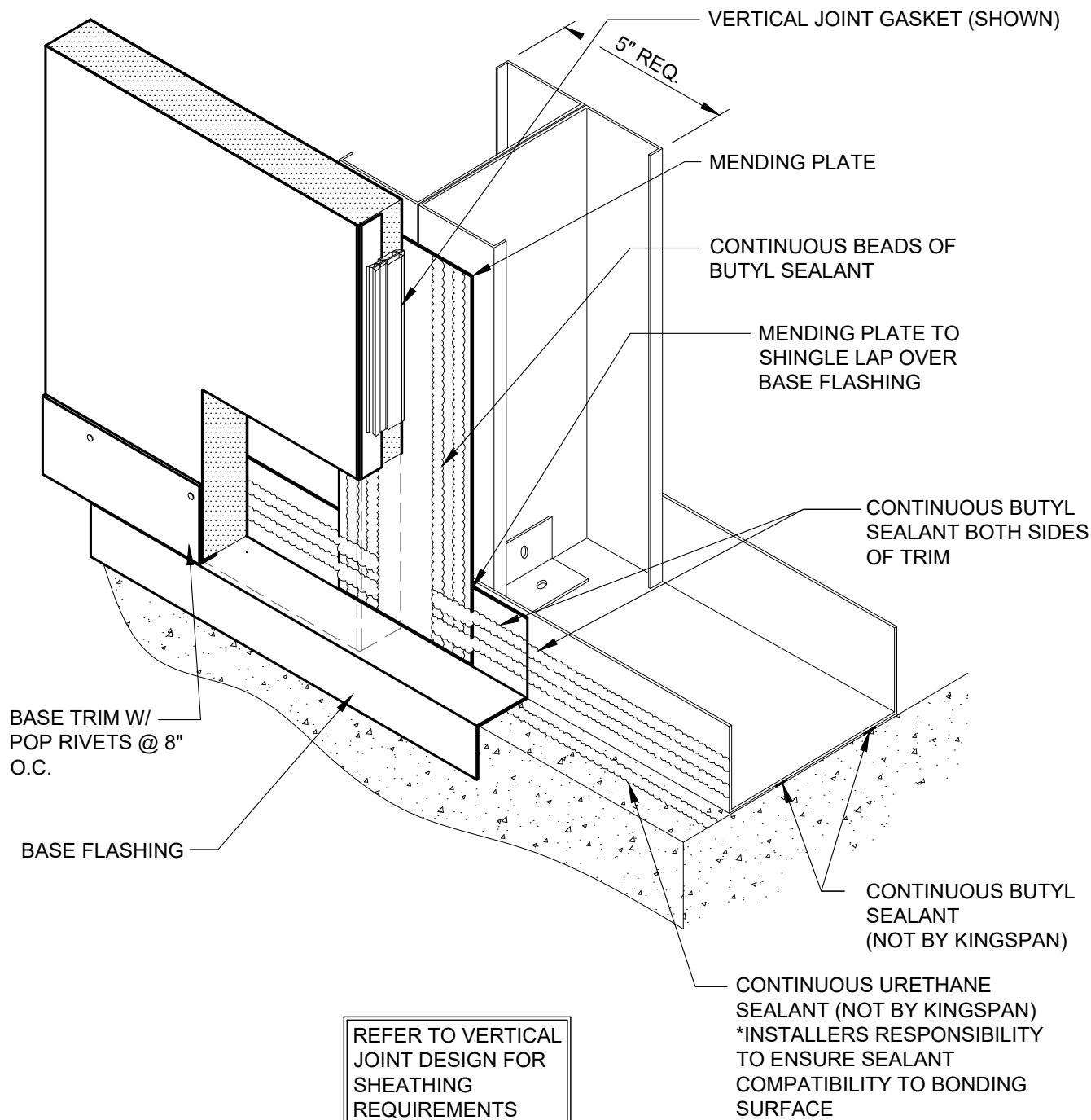
REGION: NORTH AMERICA

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# DW-2000 - HORIZONTAL INSTALLATION



REVISION	
REVISION #	DATE
6	1/8/24

BASE DETAIL AT  
VERTICAL JOINT  
(FLUSH)

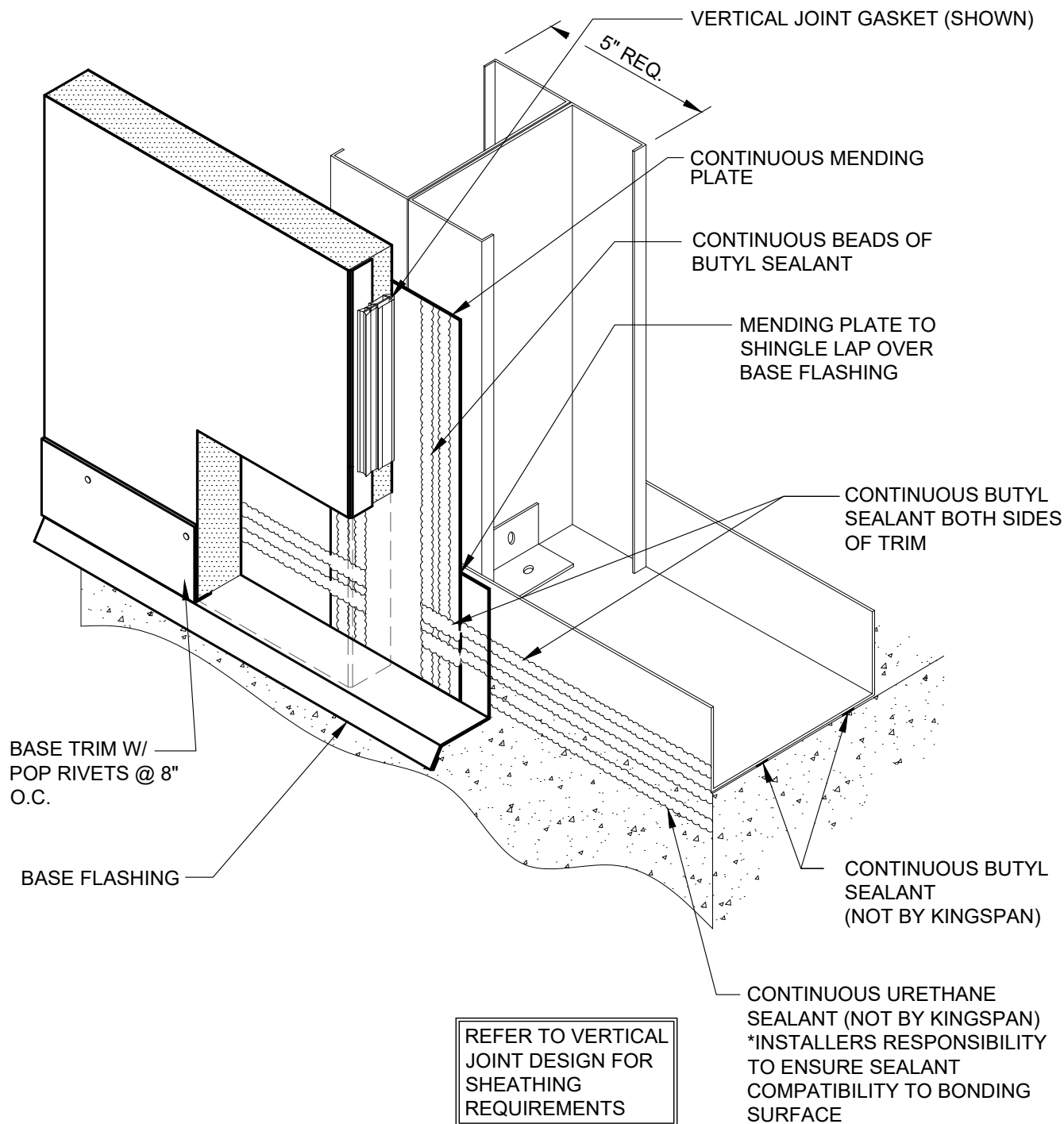
DETAIL #: AR-BS-07-DW2H  
RELEASE: 2024  
REGION: NORTH AMERICA  
[www.kingspanpanels.com](http://www.kingspanpanels.com)



BENCHMARK™



# DW-2000 - HORIZONTAL INSTALLATION



REVISION	
REVISION #	DATE
6	1/8/24

BASE DETAIL AT  
VERTICAL JOINT  
(OVERHANG)

DETAIL #: AR-BS-08-DW2H

RELEASE: 2024

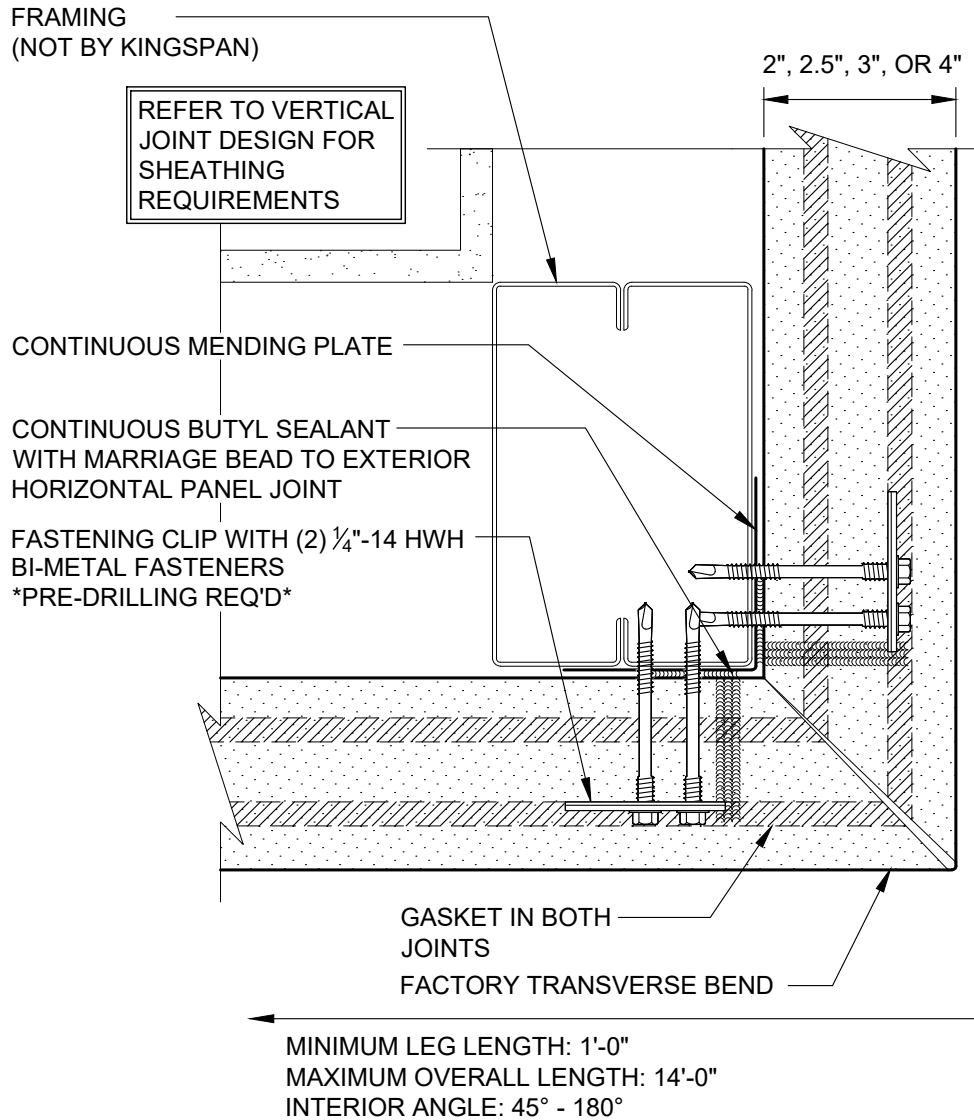
REGION: NORTH AMERICA

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# DW-2000 - HORIZONTAL INSTALLATION



\*NOTE: FACTORY TRANSVERSE BEND ANGLE MAY VARY BASED ON SPECIFIC PROJECT REQUIREMENTS

REVISION	
REVISION #	DATE
4	12/5/23

TRANSVERSE  
BENT CORNER

DETAIL #: AR-OC-01-DW2H

RELEASE: 2024

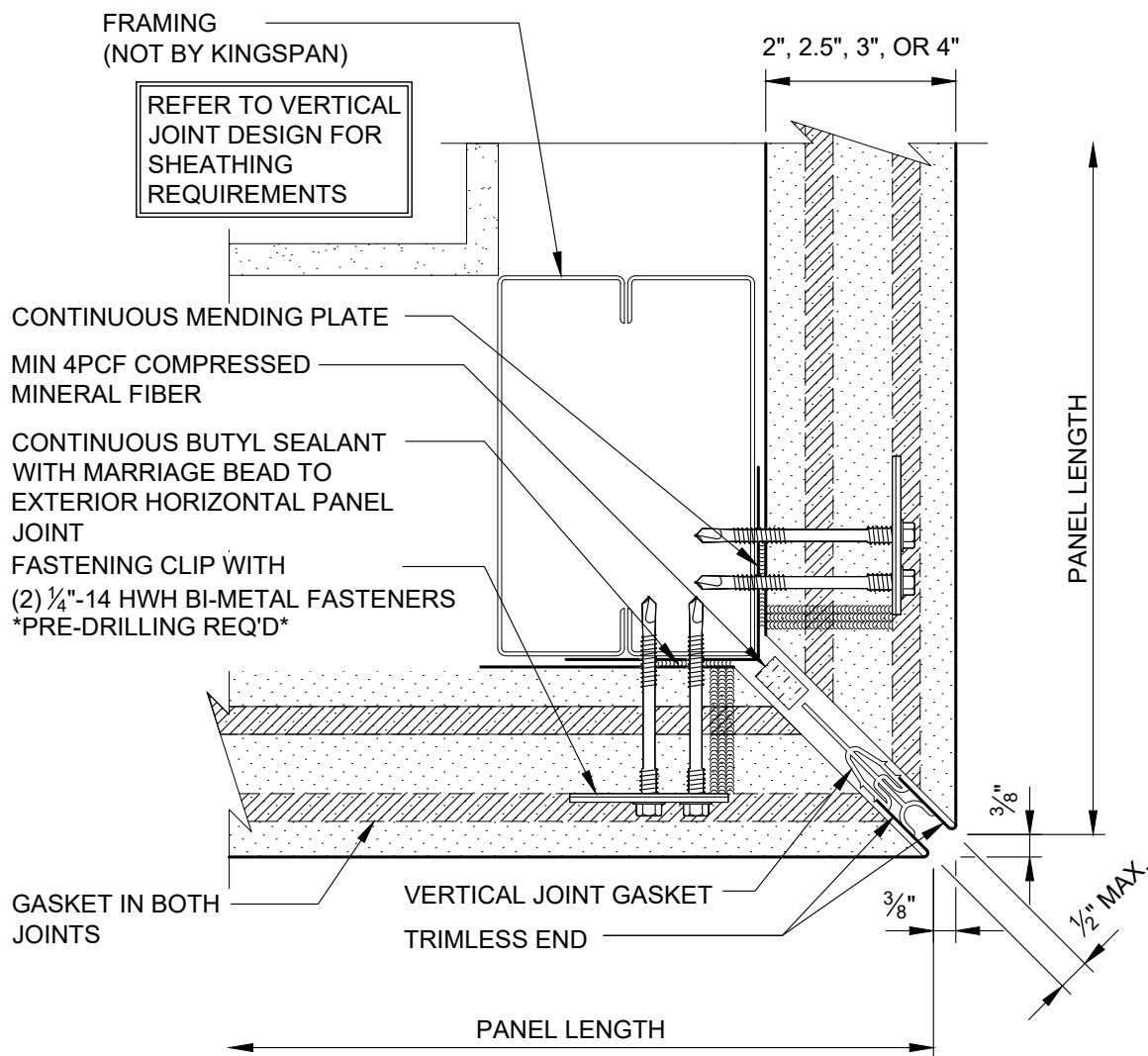
REGION: NORTH AMERICA

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# DW-2000 - HORIZONTAL INSTALLATION



\*NOTE: TRIMLESS END ANGLE MAY VARY BASED ON SPECIFIC PROJECT REQUIREMENTS

\*NOTE: DETAIL NOT AVAILABLE WITH RIBBED PROFILES

REVISION	
REVISION #	DATE
4	12/5/23

45° TRIMLESS END  
CORNER

DETAIL #: AR-OC-02-DW2H

RELEASE: 2024

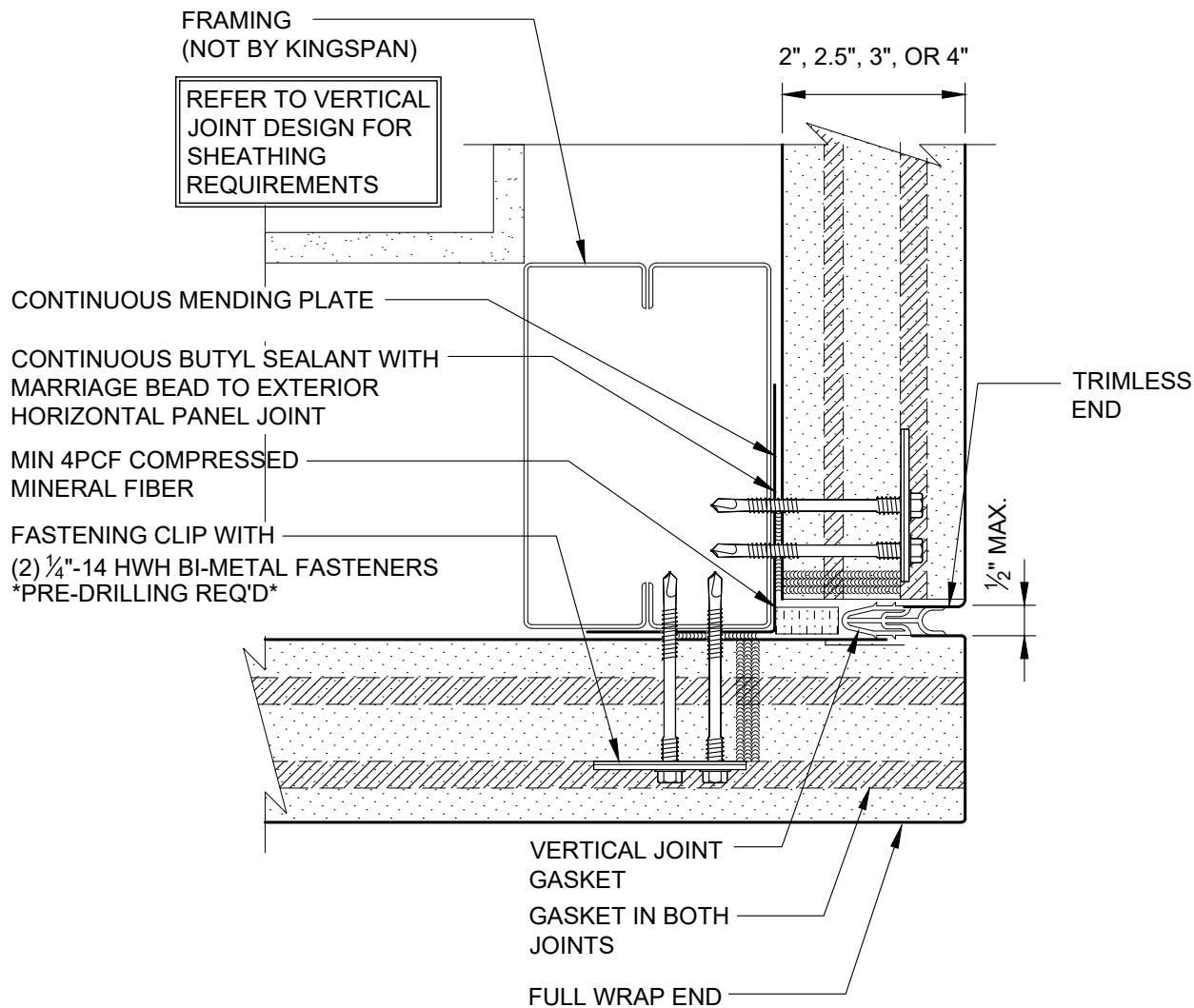
REGION: NORTH AMERICA

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# DW-2000 - HORIZONTAL INSTALLATION



\*NOTE: DETAIL NOT AVAILABLE WITH RIBBED PROFILES

REVISION	
REVISION #	DATE
4	12/5/23

FULL WRAP END

DETAIL #: AR-OC-03-DW2H

RELEASE: 2024

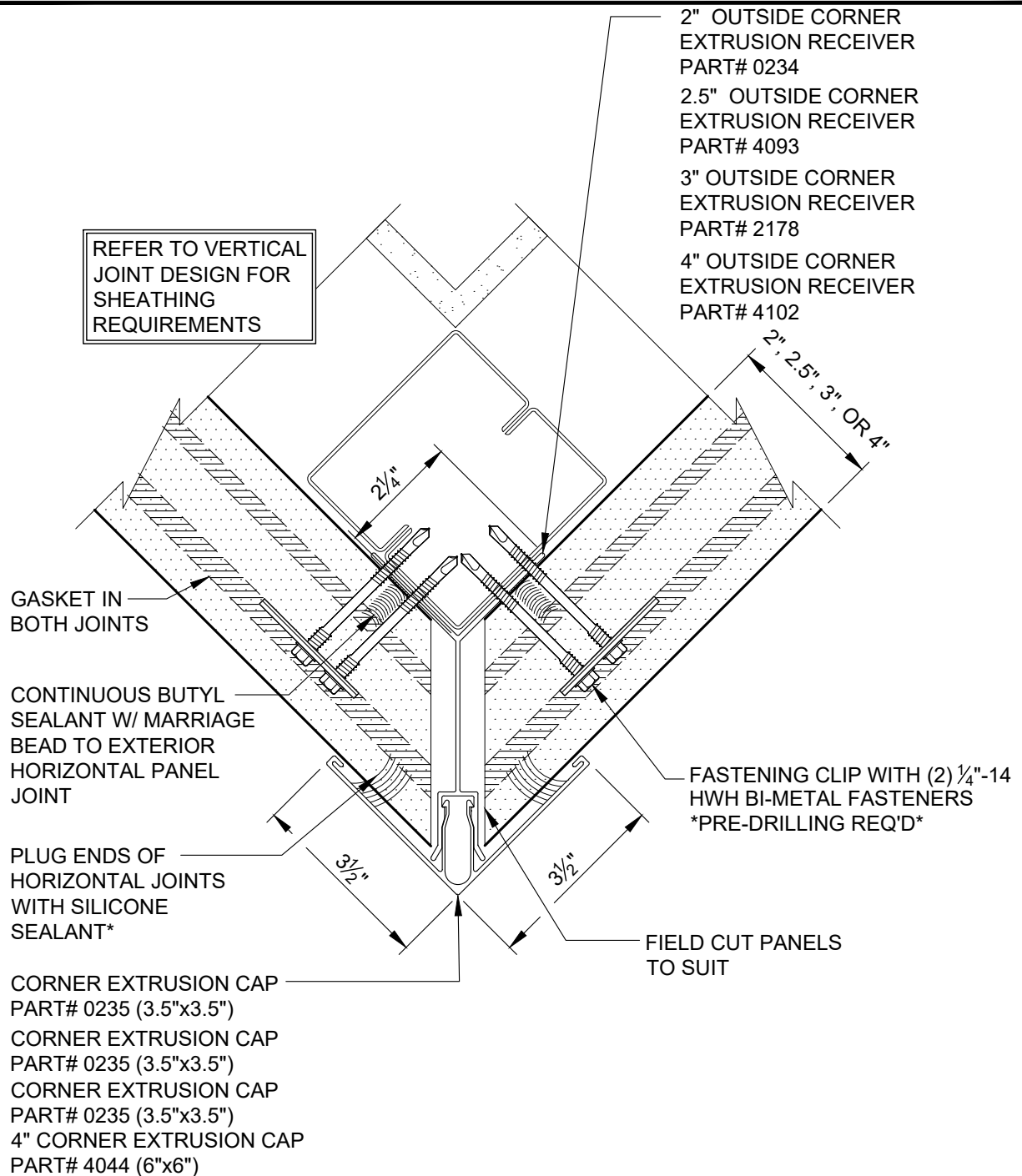
REGION: NORTH AMERICA

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# DW-2000 - HORIZONTAL INSTALLATION



\*NOTES: EXTRUSION FACE CAP FOR 4\" PANEL IS 6\" x 6\".  
FOR REVEALS GREATER THAN 1/2\" METAL CLOSURES MAY BE REQUIRED.

REVISION	
REVISION #	DATE
4	12/5/23

OUTSIDE CORNER W/  
2-PIECE EXTRUSION

DETAIL #: AR-OC-04-DW2H

RELEASE: 2024

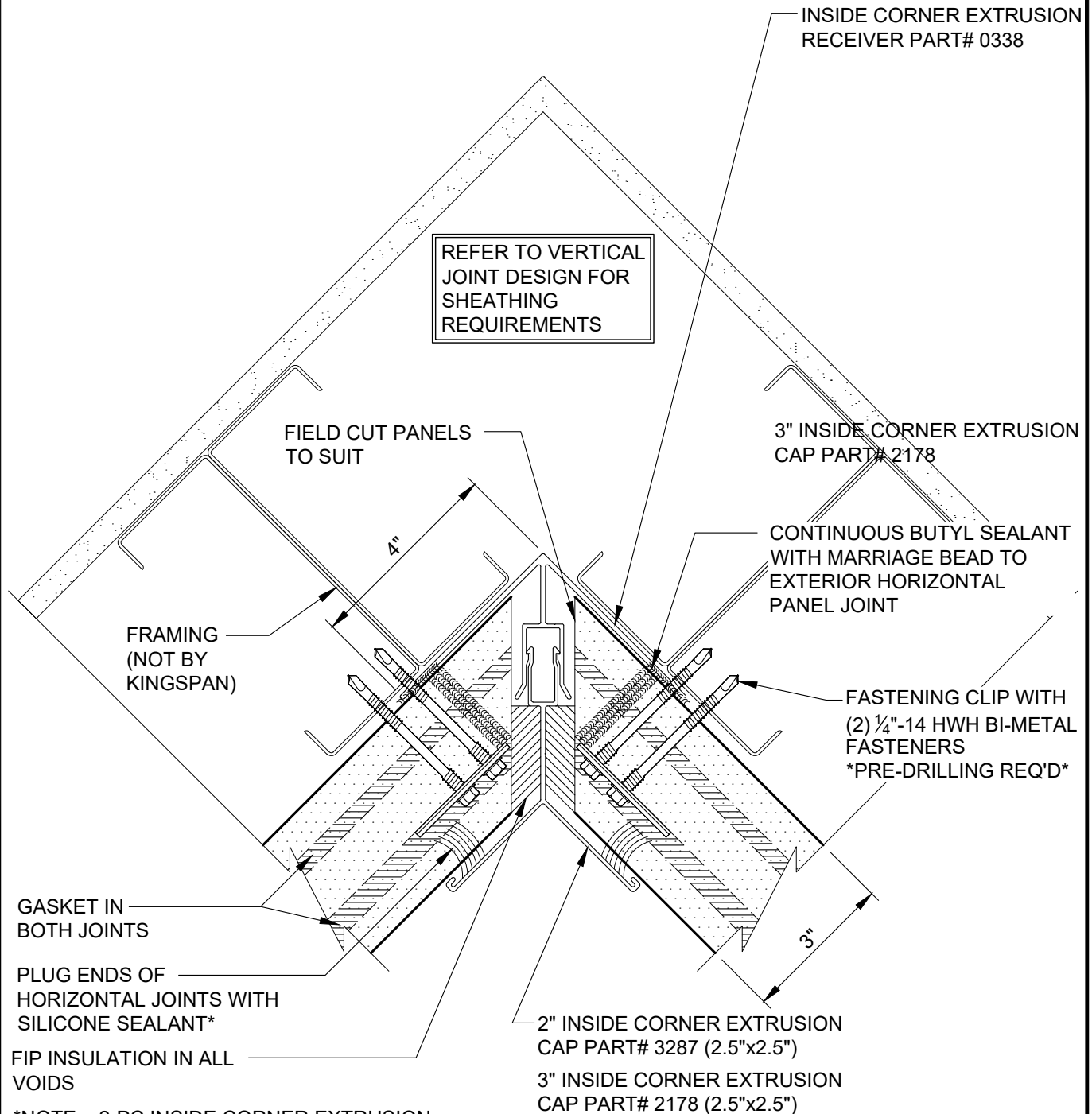
REGION: NORTH AMERICA

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# DW-2000 - HORIZONTAL INSTALLATION



\*NOTE: 2-PC INSIDE CORNER EXTRUSION AVAILABLE FOR 3" PANELS ONLY. FOR REVEALS GREATER THAN 1/2" METAL CLOSURES MAY BE REQUIRED.

REVISION	
REVISION #	DATE
4	12/5/23

INSIDE CORNER W/  
2-PIECE EXTRUSION

DETAIL #: AR-IC-01-DW2H

RELEASE: 2024

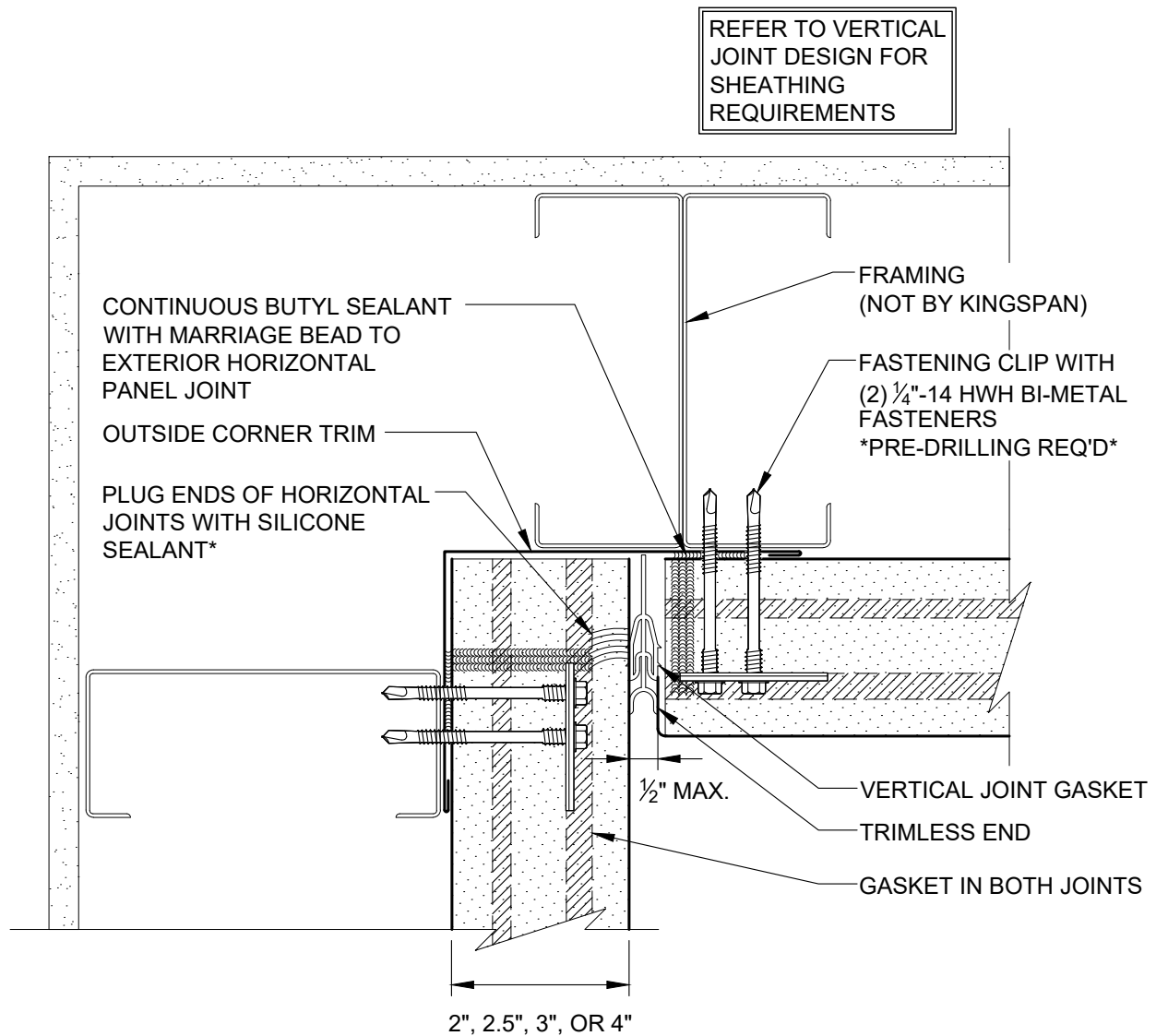
REGION: NORTH AMERICA

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# DW-2000 - HORIZONTAL INSTALLATION



\*NOTE: FOR REVEALS GREATER THAN 1/2" METAL CLOSURES MAY BE REQUIRED

REVISION	
REVISION #	DATE
4	12/5/23

INSIDE CORNER W/  
TRIMLESS ENDS

DETAIL #: AR-IC-02-DW2H

RELEASE: 2024

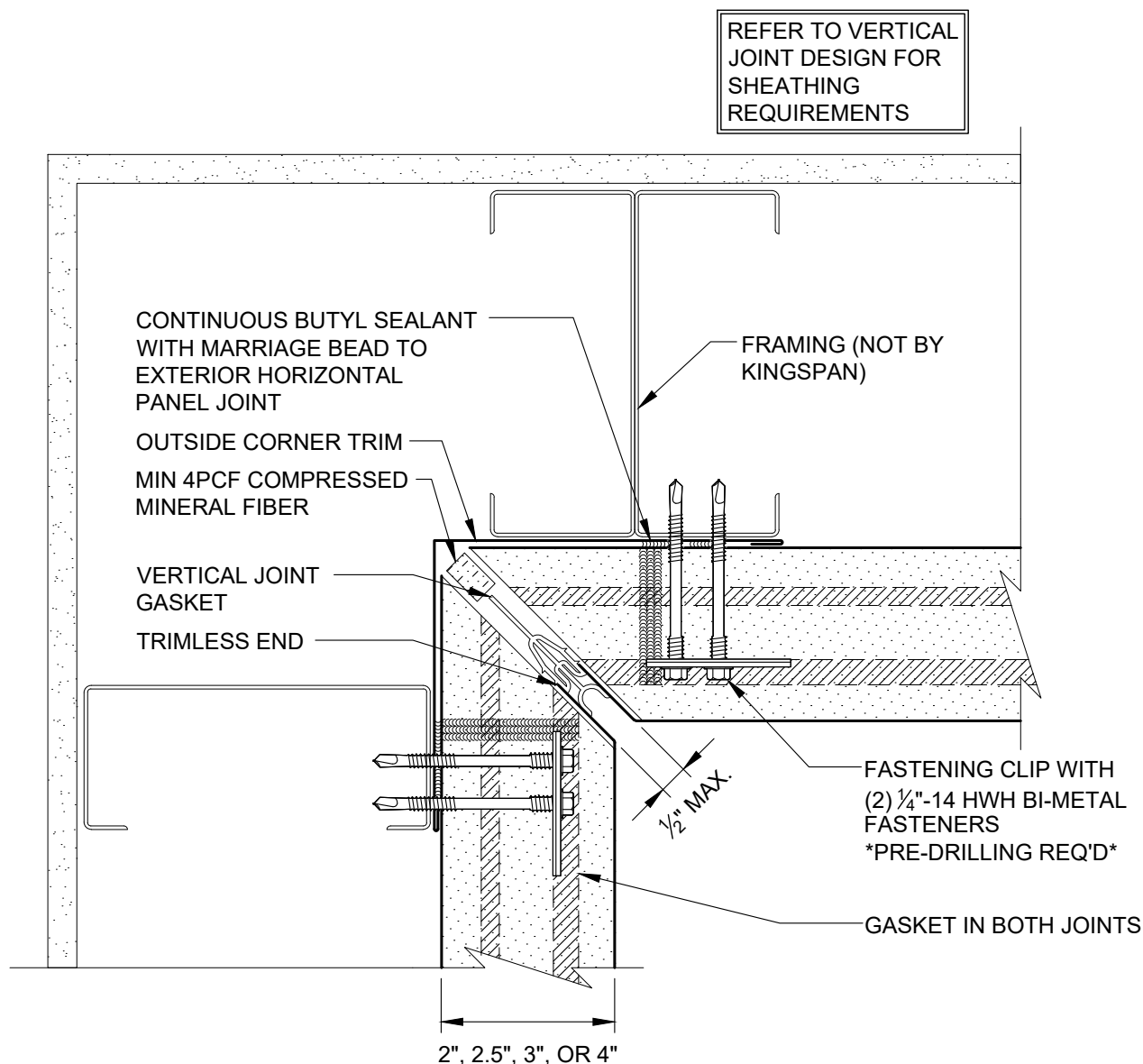
REGION: NORTH AMERICA

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# DW-2000 - HORIZONTAL INSTALLATION



\*NOTE: TRIMLESS END ANGLE MAY VARY BASED ON SPECIFIC PROJECT REQUIREMENTS

\*NOTE: DETAIL NOT AVAILABLE WITH RIBBED PROFILES

REVISION	
REVISION #	DATE
4	12/5/23

INSIDE CORNER W/  
135 DEGREE TRIMLESS  
ENDS

DETAIL #: AR-IC-03-DW2H  
RELEASE: 2024  
REGION: NORTH AMERICA  
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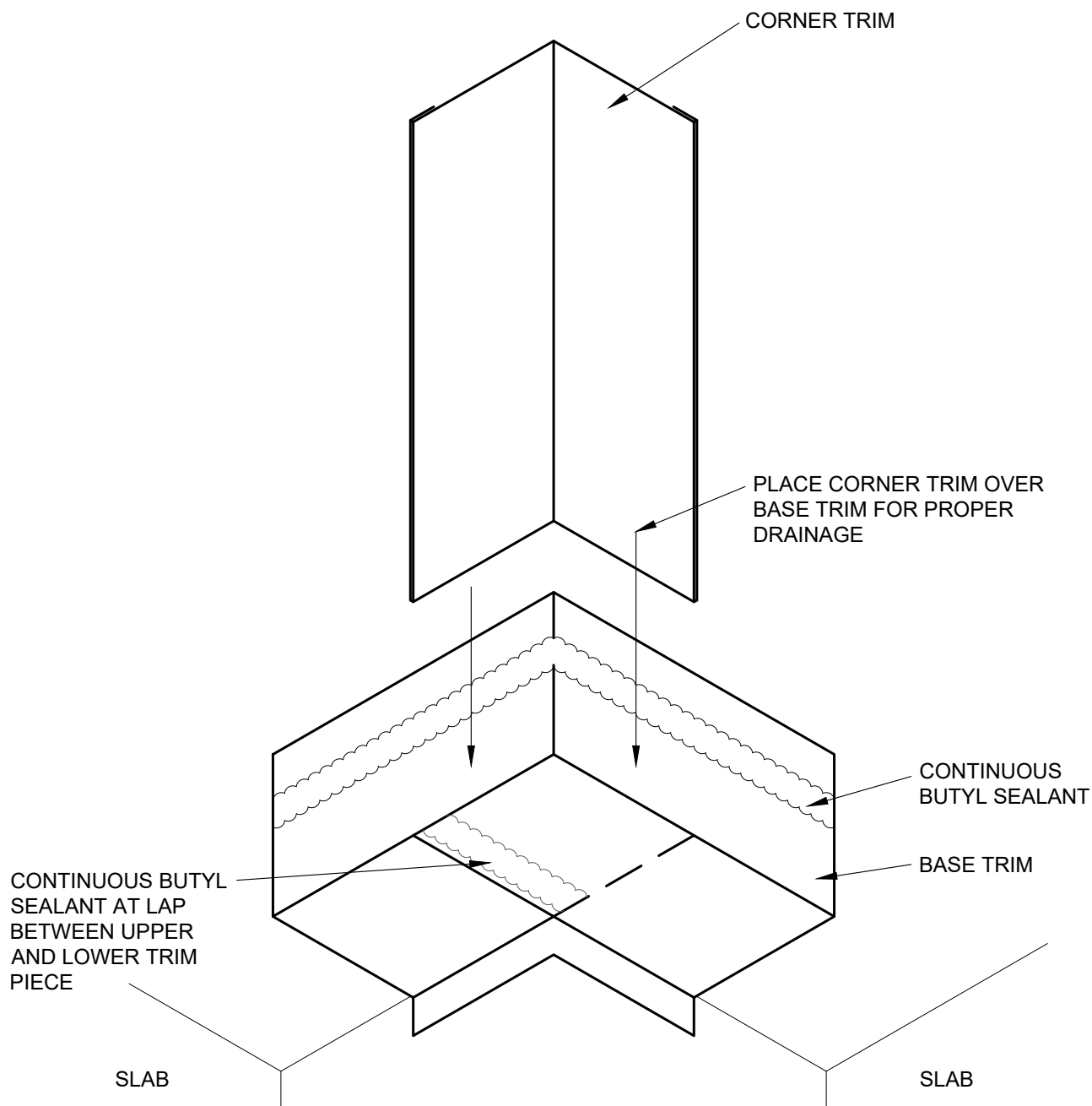


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# DW-2000 - HORIZONTAL INSTALLATION

FRAMING NOT SHOWN FOR  
CLARITY OF DETAIL



REVISION	
REVISION #	DATE
4	12/5/23

INSIDE CORNER LAP AT  
BASE TRIM EXPANDED

DETAIL #: AR-IC-04-DW2H

RELEASE: 2024

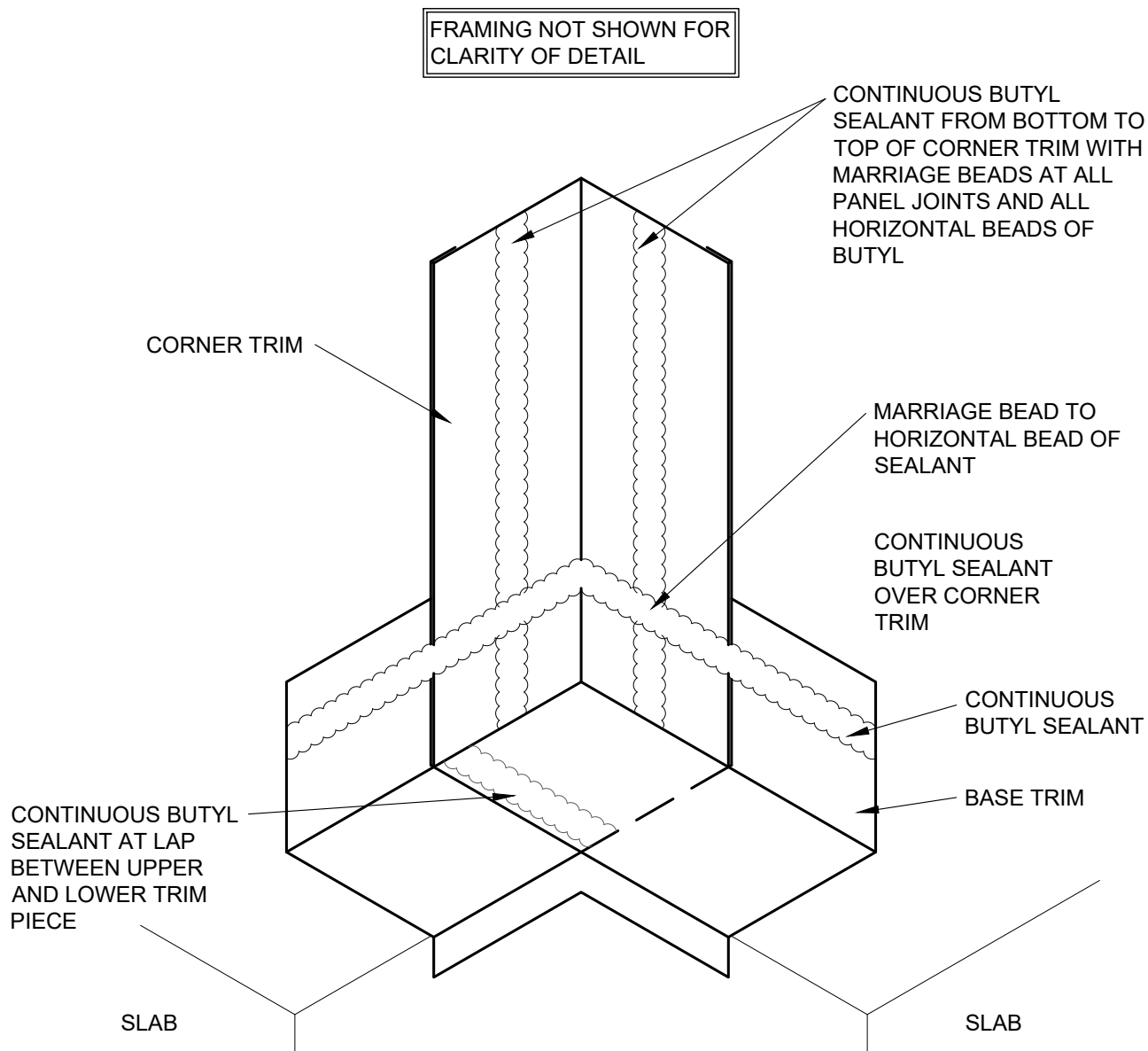
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# DW-2000 - HORIZONTAL INSTALLATION



REVISION	
REVISION #	DATE
4	12/5/23

INSIDE CORNER LAP AT  
BASE TRIM ENGAGED

DETAIL #: AR-IC-05-DW2H

RELEASE: 2024

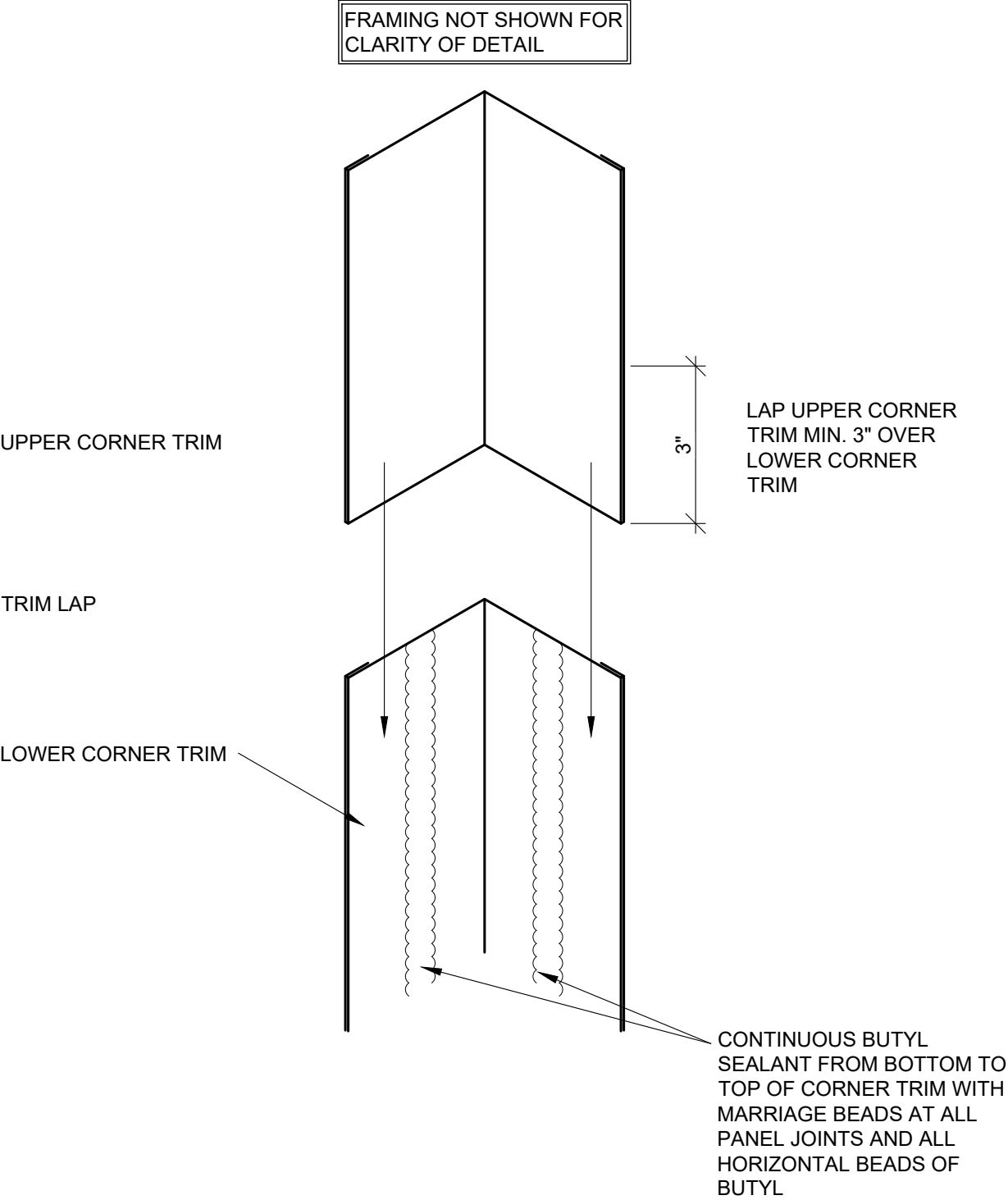
REGION: NORTH AMERICA

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# DW-2000 - HORIZONTAL INSTALLATION



REVISION	
REVISION #	DATE
4	12/5/23

INSIDE CORNER TRIM  
LAP EXPANDED

DETAIL #: AR-IC-06-DW2H

RELEASE: 2024

REGION: NORTH AMERICA

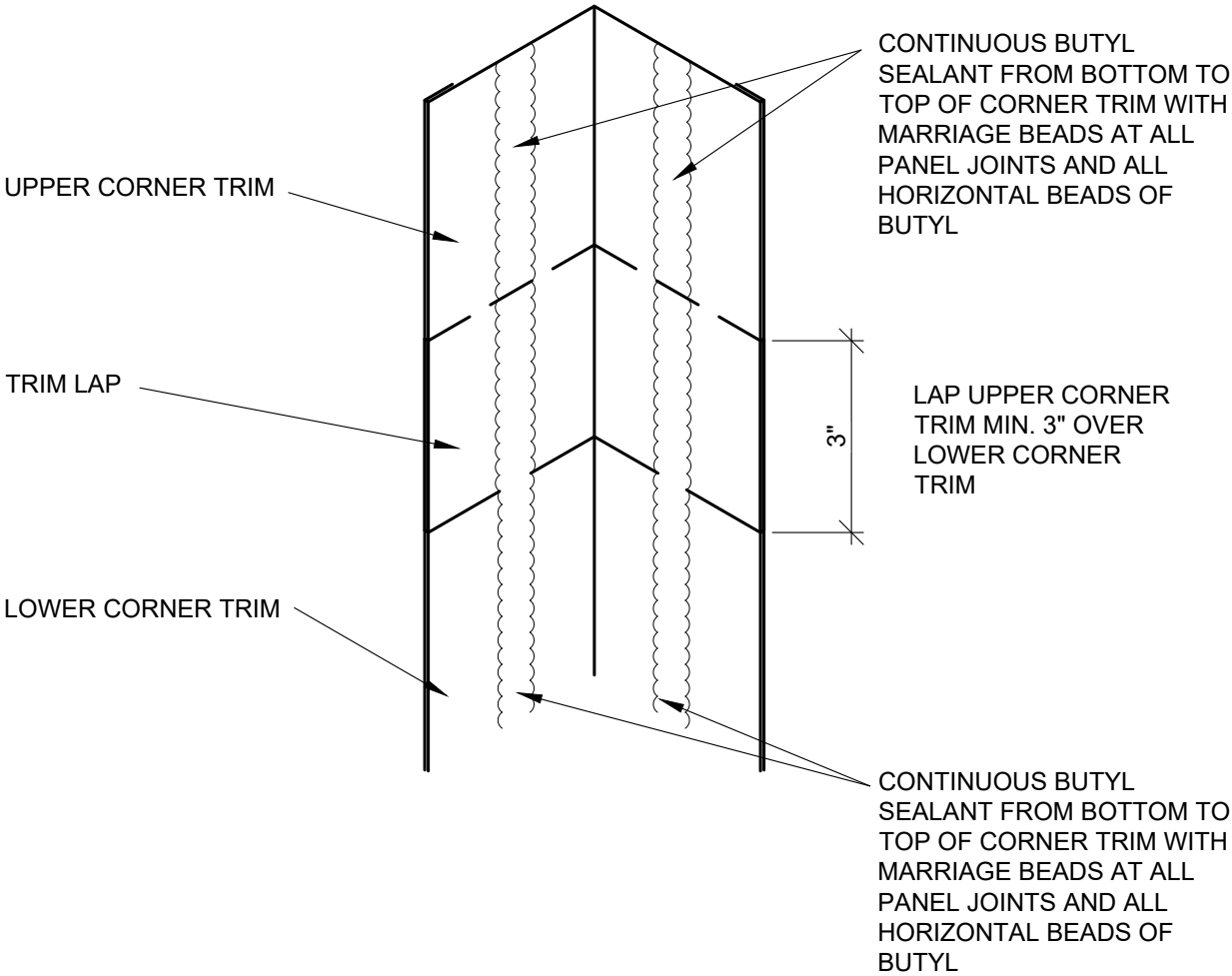
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# DW-2000 - HORIZONTAL INSTALLATION

FRAMING NOT SHOWN FOR  
CLARITY OF DETAIL



REVISION	
REVISION #	DATE
4	12/5/23

INSIDE CORNER TRIM  
LAP ENGAGED

DETAIL #: AR-IC-07-DW2H

RELEASE: 2024

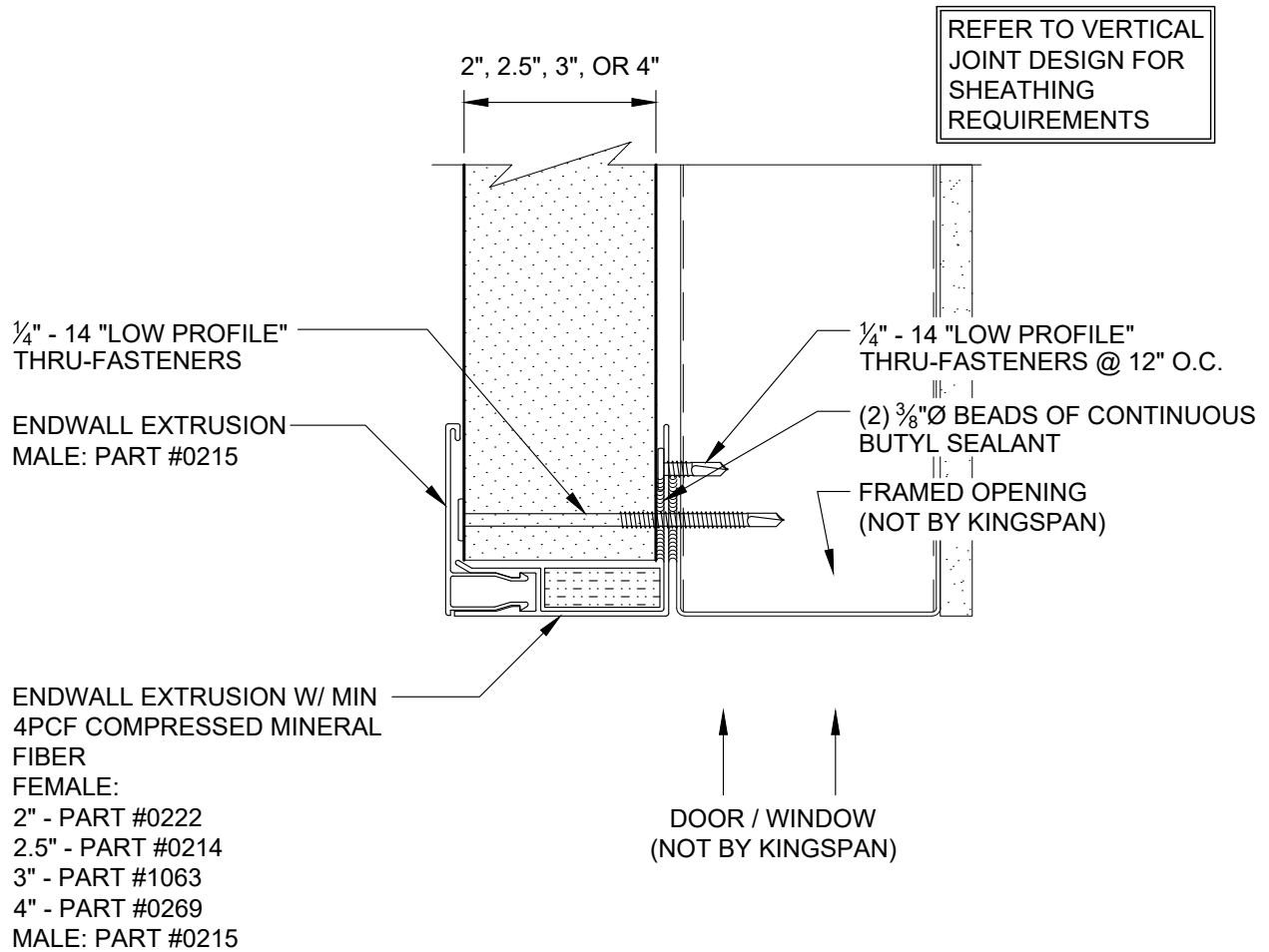
REGION: NORTH AMERICA

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# DW-2000 - HORIZONTAL INSTALLATION



REVISION	
REVISION #	DATE
4	12/5/23

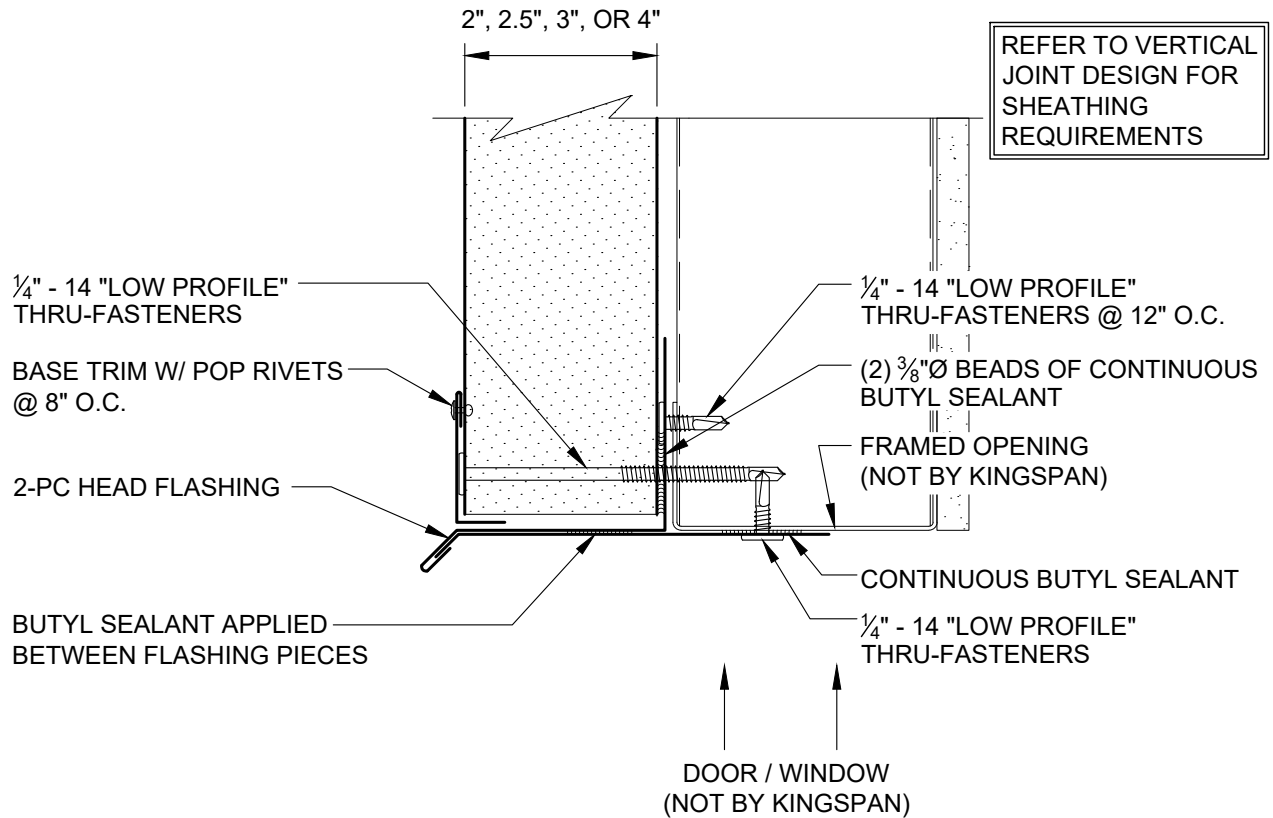
FRAMED OPENING  
HEAD -  
EXTRUSION

DETAIL #: AR-FO-01-DW2H  
RELEASE: 2024  
REGION: NORTH AMERICA  
[www.kingspanpanels.com](http://www.kingspanpanels.com)



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# DW-2000 - HORIZONTAL INSTALLATION



NOTE: 1) SEE DETAIL AR-FO-14-DW2H, AR-TL-13-DW2H, AR-TL-14-DW2H, AR-TL-15-DW2H AND AR-TL-16-DW2H FOR TYPICAL TRIM LAP INSTRUCTIONS

REVISION	
REVISION #	DATE
4	12/5/23

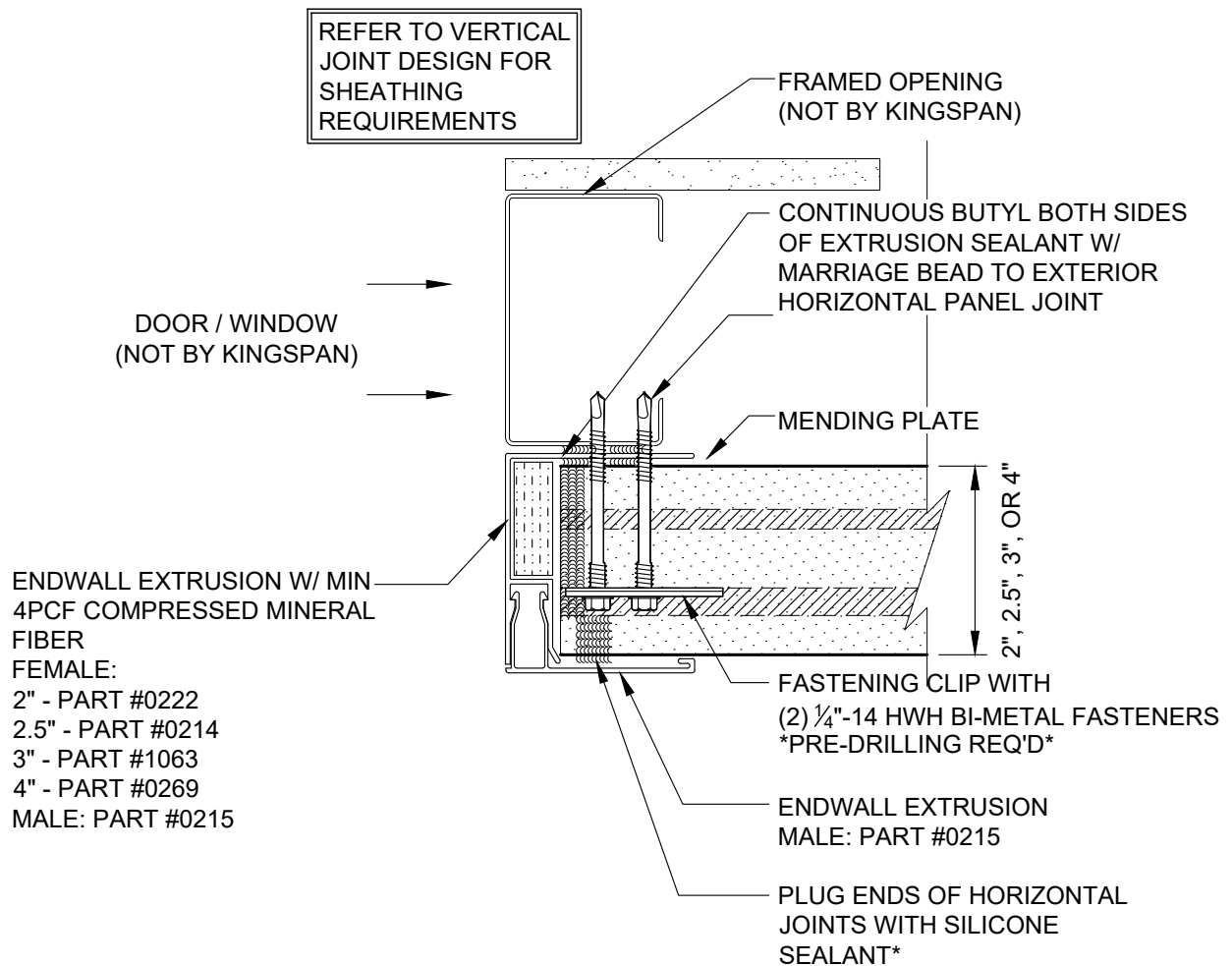
FRAMED OPENING  
HEAD - TRIM

DETAIL #: AR-FO-02-DW2H  
RELEASE: 2024  
REGION: NORTH AMERICA  
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# DW-2000 - HORIZONTAL INSTALLATION



REVISION	
REVISION #	DATE
4	12/5/23

FRAMED OPENING  
JAMB - EXTRUSION

DETAIL #: AR-FO-03-DW2H

RELEASE: 2024

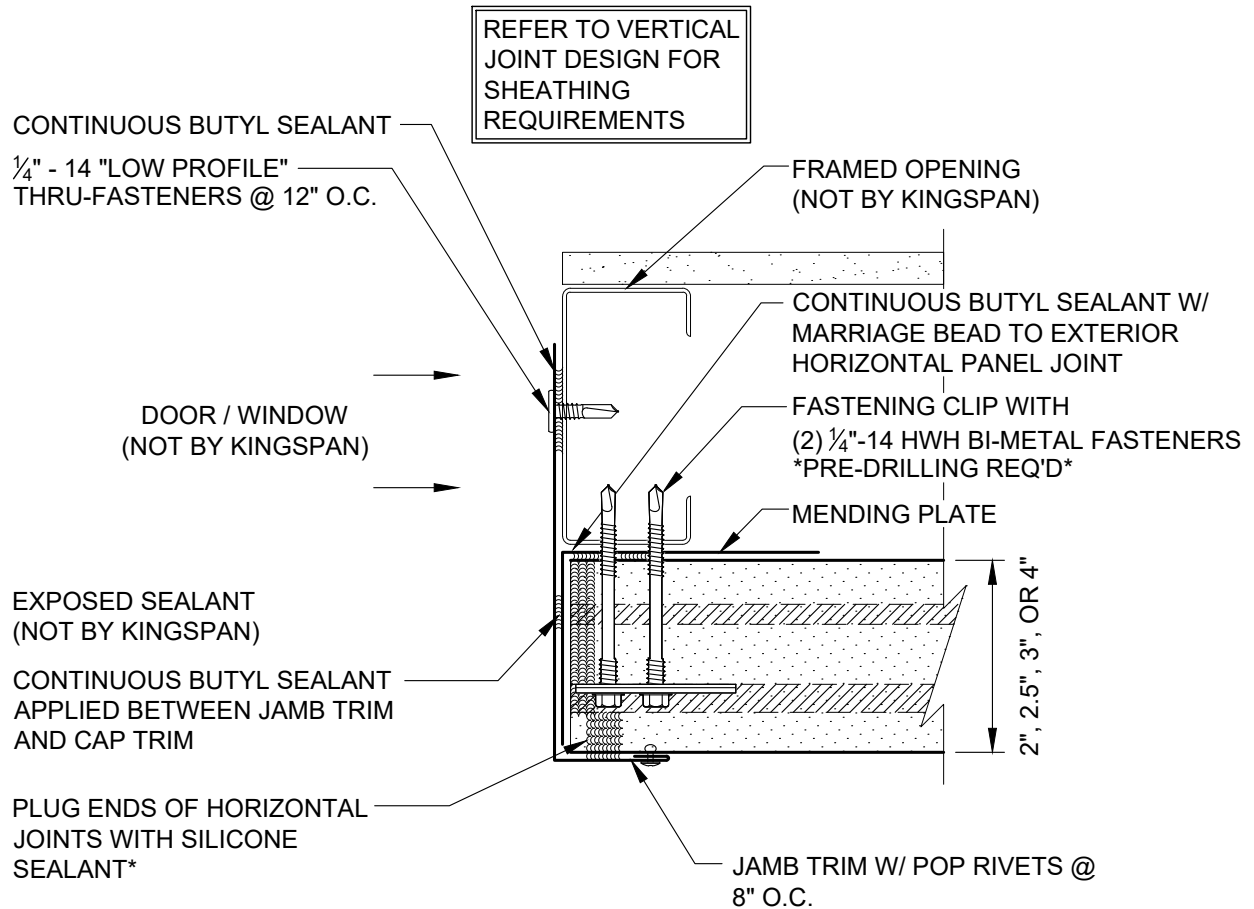
REGION: NORTH AMERICA

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# DW-2000 - HORIZONTAL INSTALLATION



NOTE: 1) SEE DETAIL AR-FO-14-DW2H, AR-TL-13-DW2H, AR-TL-14-DW2H, AR-TL-15-DW2H AND AR-TL-16-DW2H FOR TYPICAL TRIM LAP INSTRUCTIONS

REVISION	
REVISION #	DATE
4	12/5/23

FRAMED OPENING  
JAMB - TRIM

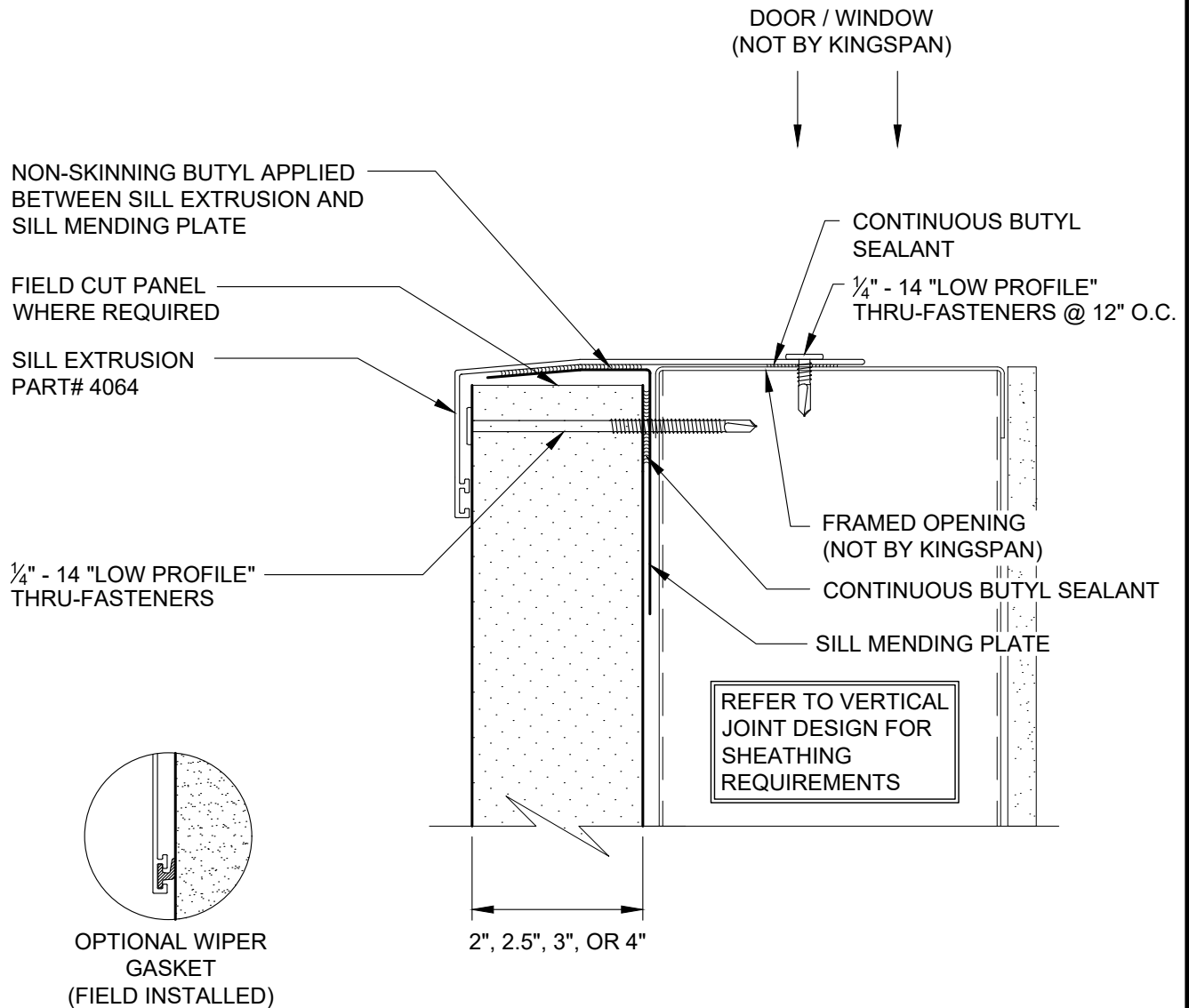
DETAIL #: AR-FO-04-DW2H  
RELEASE: 2024  
REGION: NORTH AMERICA  
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# DW-2000 - HORIZONTAL INSTALLATION



REVISION	
REVISION #	DATE
4	12/5/23

FRAMED OPENING  
SILL - EXTRUSION

DETAIL #: AR-FO-05-DW2H

RELEASE: 2024

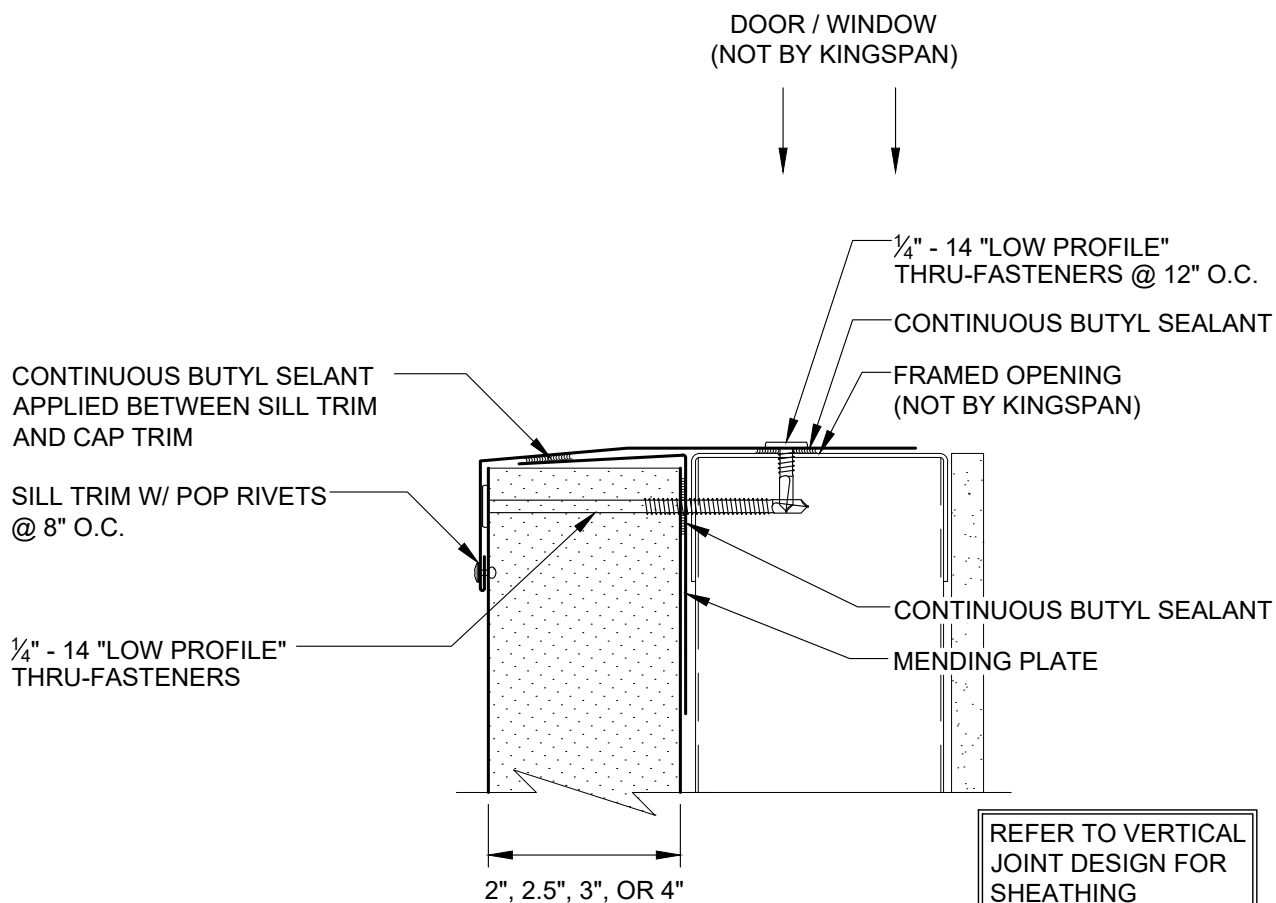
REGION: NORTH AMERICA

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# DW-2000 - HORIZONTAL INSTALLATION



NOTE: 1) SEE DETAIL AR-FO-14-DW2H, AR-TL-13-DW2H, AR-TL-14-DW2H,  
AR-TL-15-DW2H AND AR-TL-16-DW2H FOR TYPICAL TRIM LAP  
INSTRUCTIONS

REVISION	
REVISION #	DATE
4	12/5/23

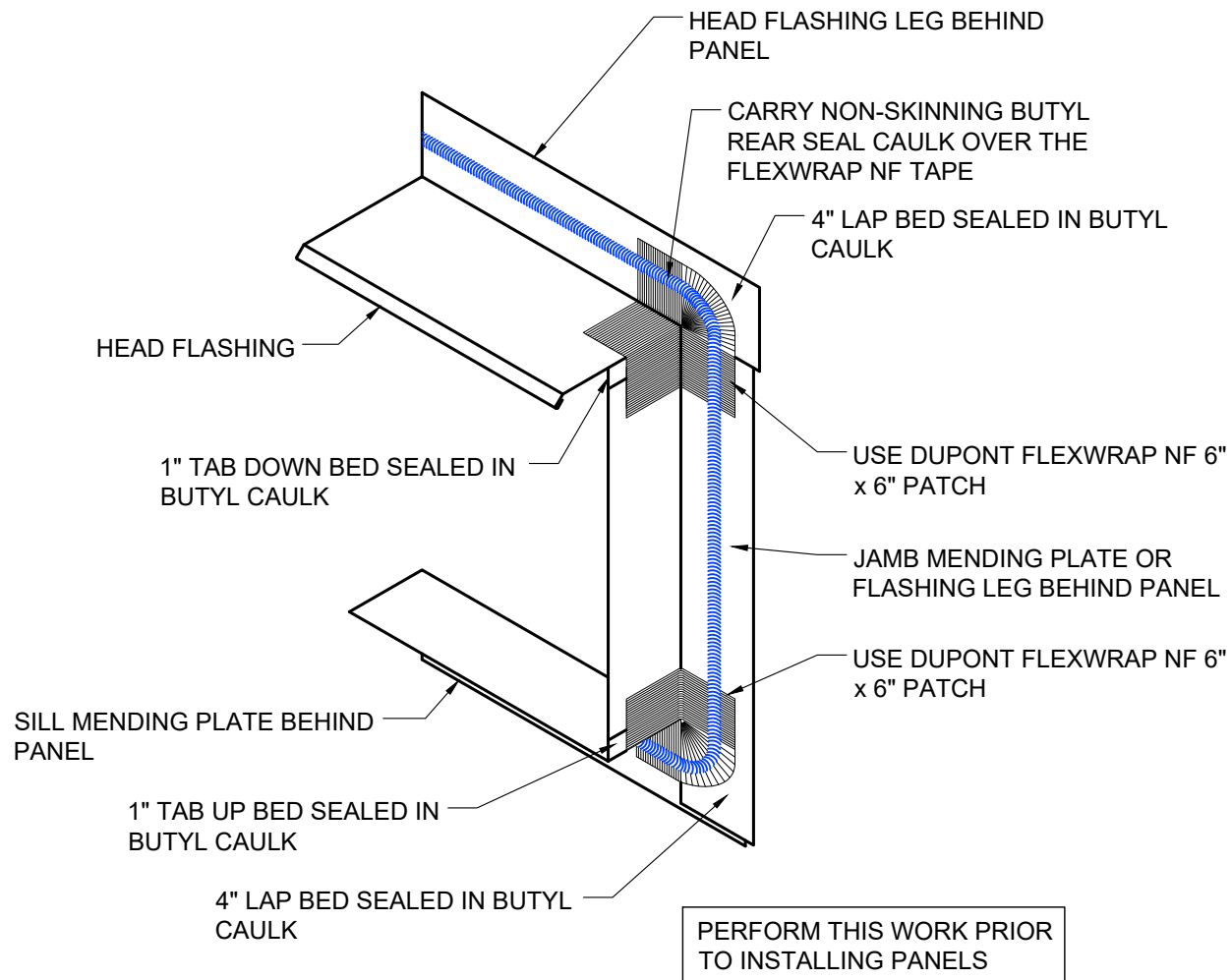
FRAMED OPENING  
SILL - TRIM

DETAIL #: AR-FO-06-DW2H  
RELEASE: 2024  
REGION: NORTH AMERICA  
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REVISION	
REVISION #	DATE
4	12/5/23

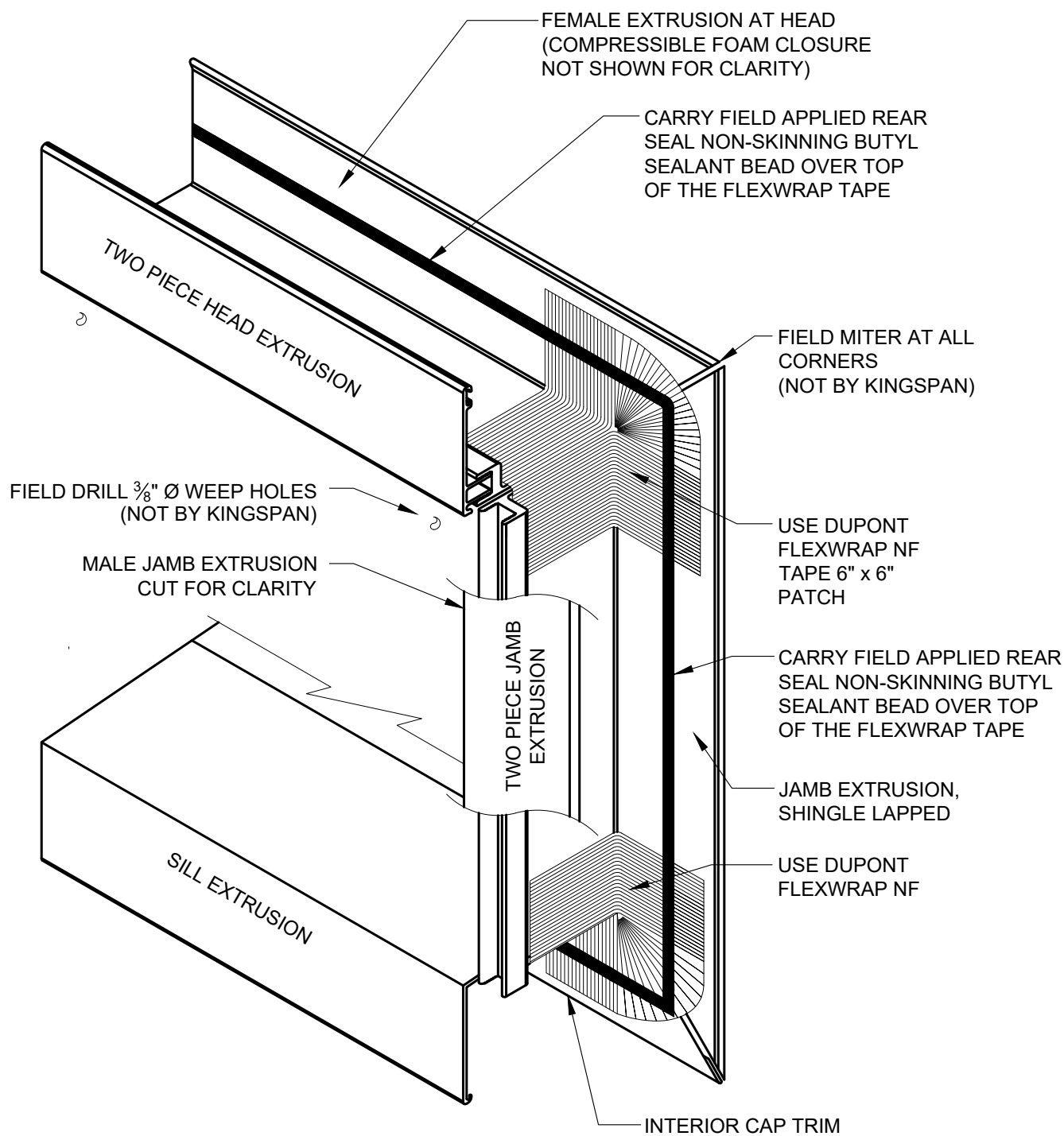
FRAMED OPENING  
ASSEMBLY - TRIM

DETAIL #: AR-FO-07-DW2H  
RELEASE: 2024  
REGION: NORTH AMERICA  
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REVISION	
REVISION #	DATE
4	12/5/23

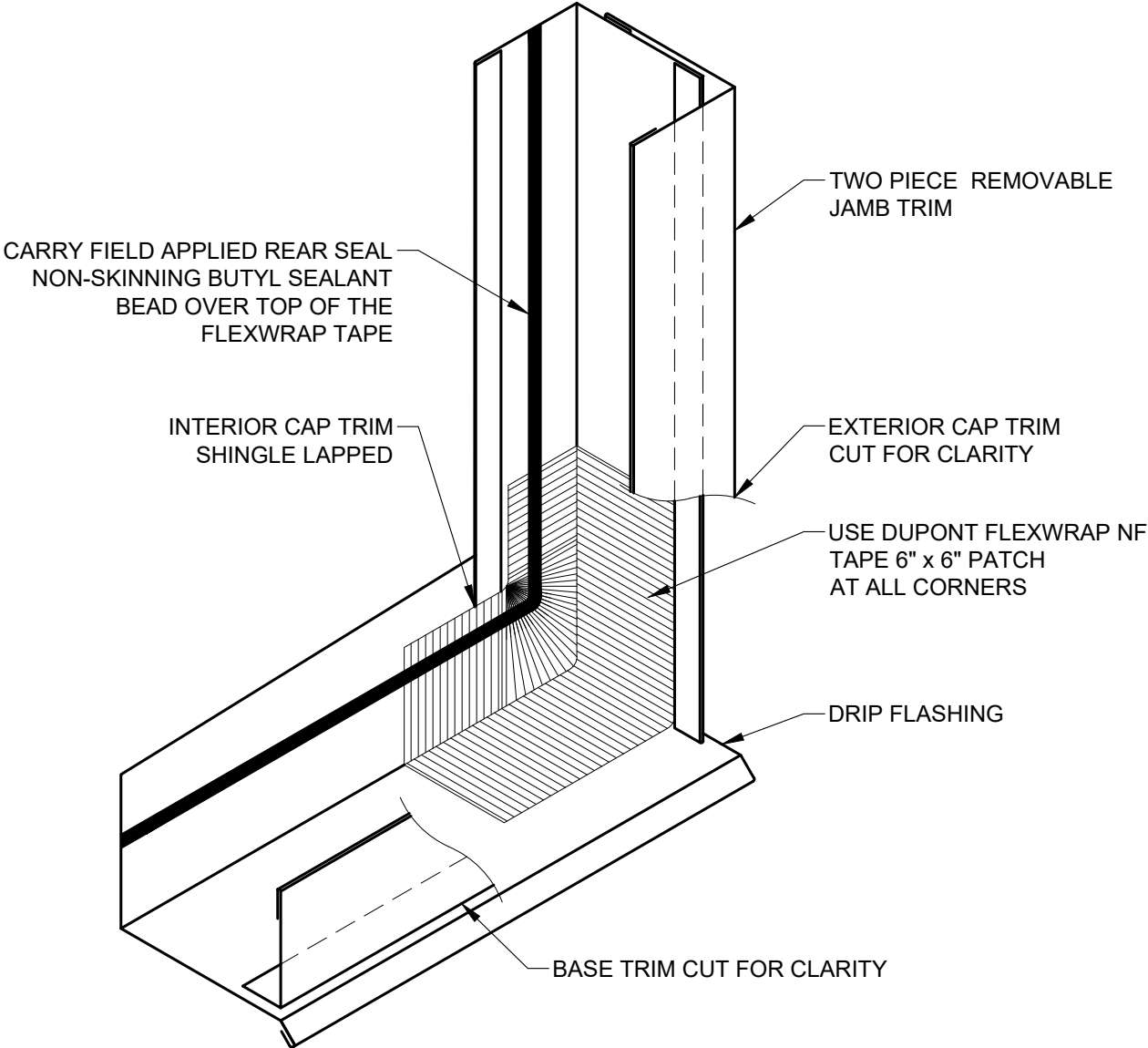
FRAMED OPENING  
ASSEMBLE -  
EXTRUSION

DETAIL #: AR-FO-08-DW2H  
RELEASE: 2024  
REGION: NORTH AMERICA  
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# DW-2000 - HORIZONTAL INSTALLATION



REVISION	
REVISION #	DATE
4	12/5/23

FRAMED OPENING  
ASSEMBLE -  
EXTRUSION

DETAIL #: AR-FO-09-DW2H

RELEASE: 2024

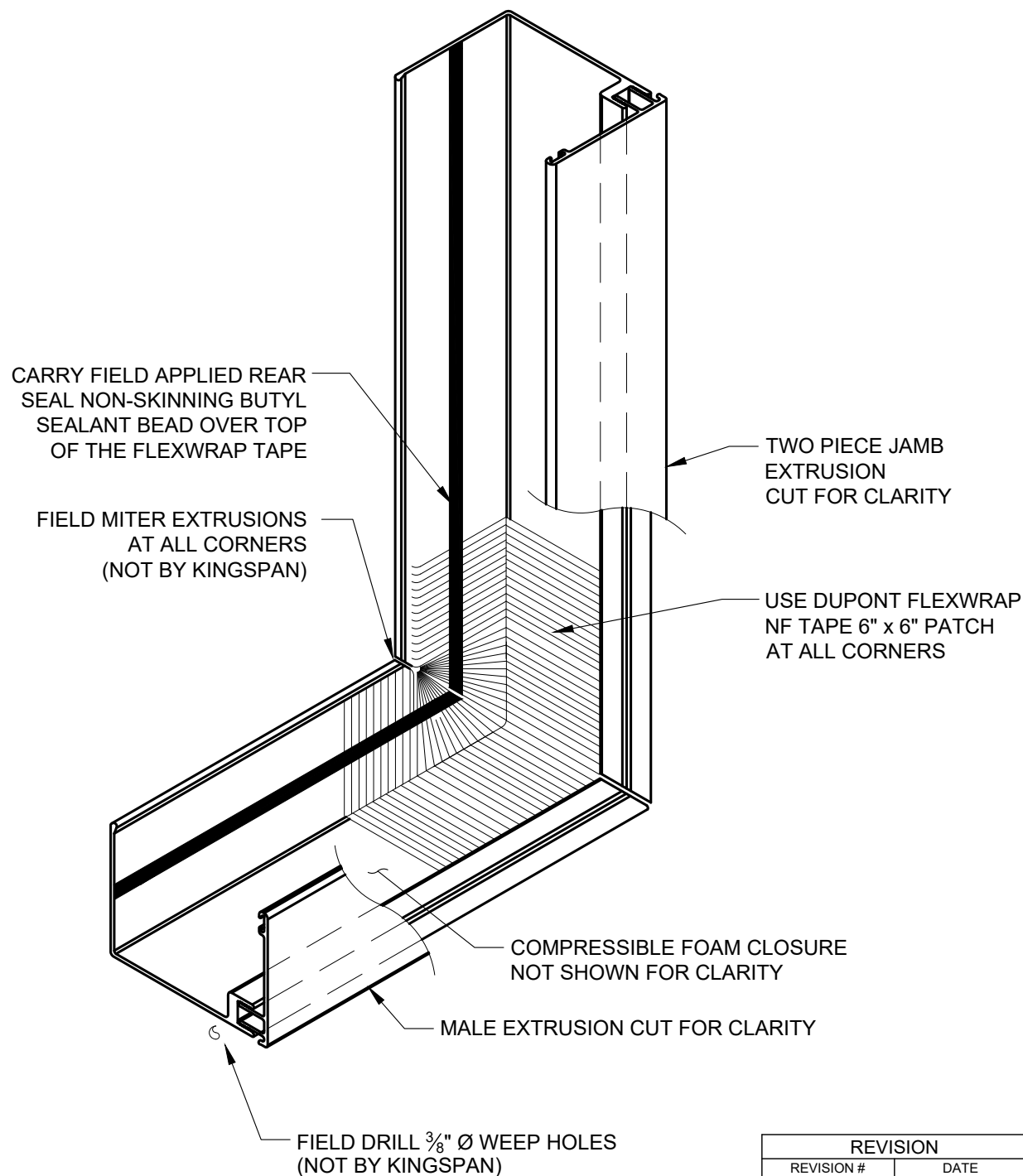
REGION: NORTH AMERICA

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REVISION	
REVISION #	DATE
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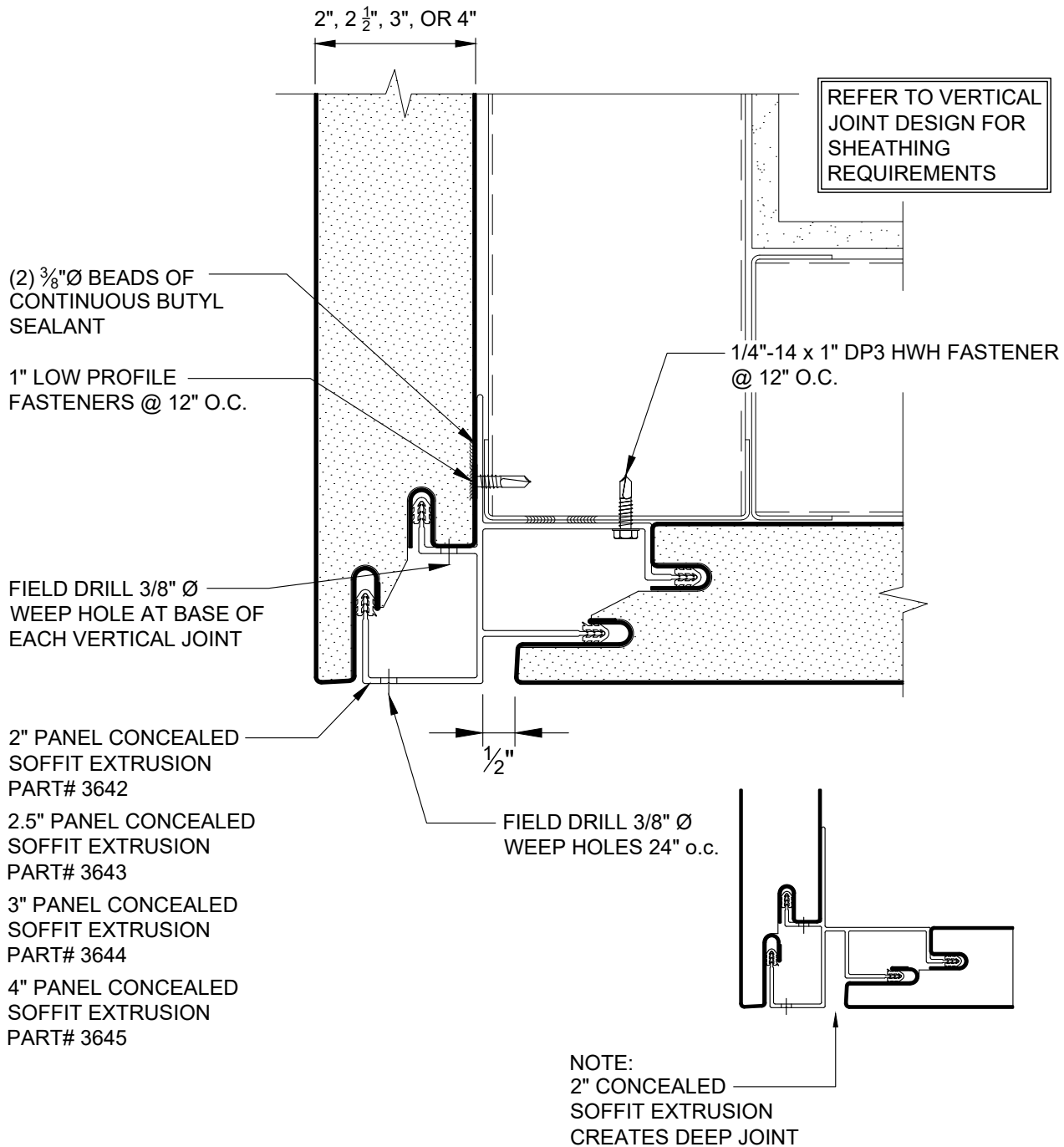
FRAMED OPENING  
ASSEMBLE -  
EXTRUSION

DETAIL #: AR-FO-10-DW2H  
RELEASE: 2024  
REGION: NORTH AMERICA  
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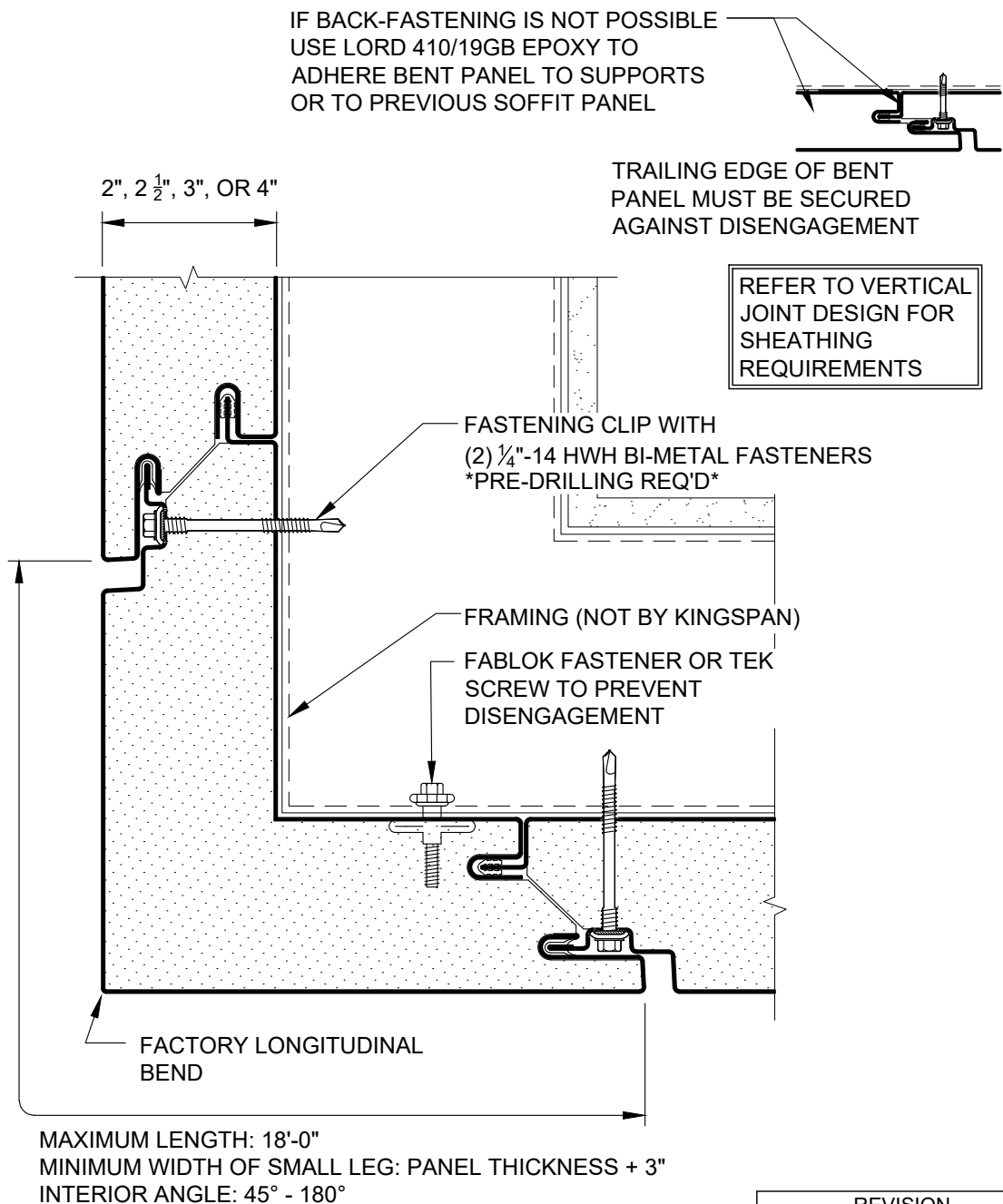
REVISION	
REVISION #	DATE
4	12/5/23

FASCIA TO SOFFIT

DETAIL #: AR-SF-01-DW2H  
RELEASE: 2024  
REGION: NORTH AMERICA  
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# DW-2000 - HORIZONTAL INSTALLATION



REVISION	
REVISION #	DATE
4	12/5/23

LONGITUDINAL  
BENT SOFFIT

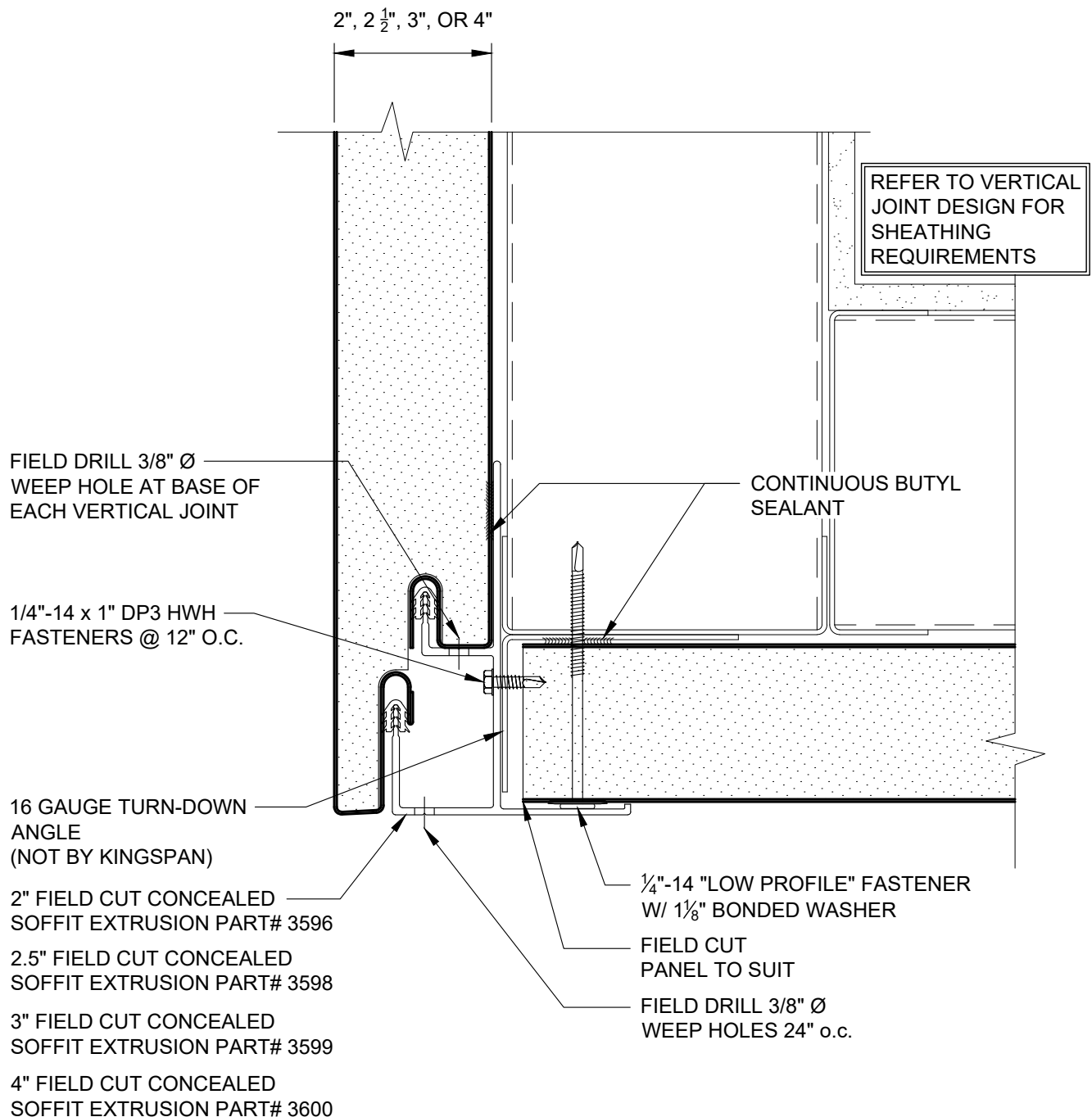
DETAIL #: AR-SF-02-DW2H  
RELEASE: 2024  
REGION: NORTH AMERICA  
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# DW-2000 - HORIZONTAL INSTALLATION



REVISION	
REVISION #	DATE
4	12/5/23

FASCIA TO FIELD  
CUT SOFFIT

DETAIL #: AR-SF-03-DW2H

RELEASE: 2024

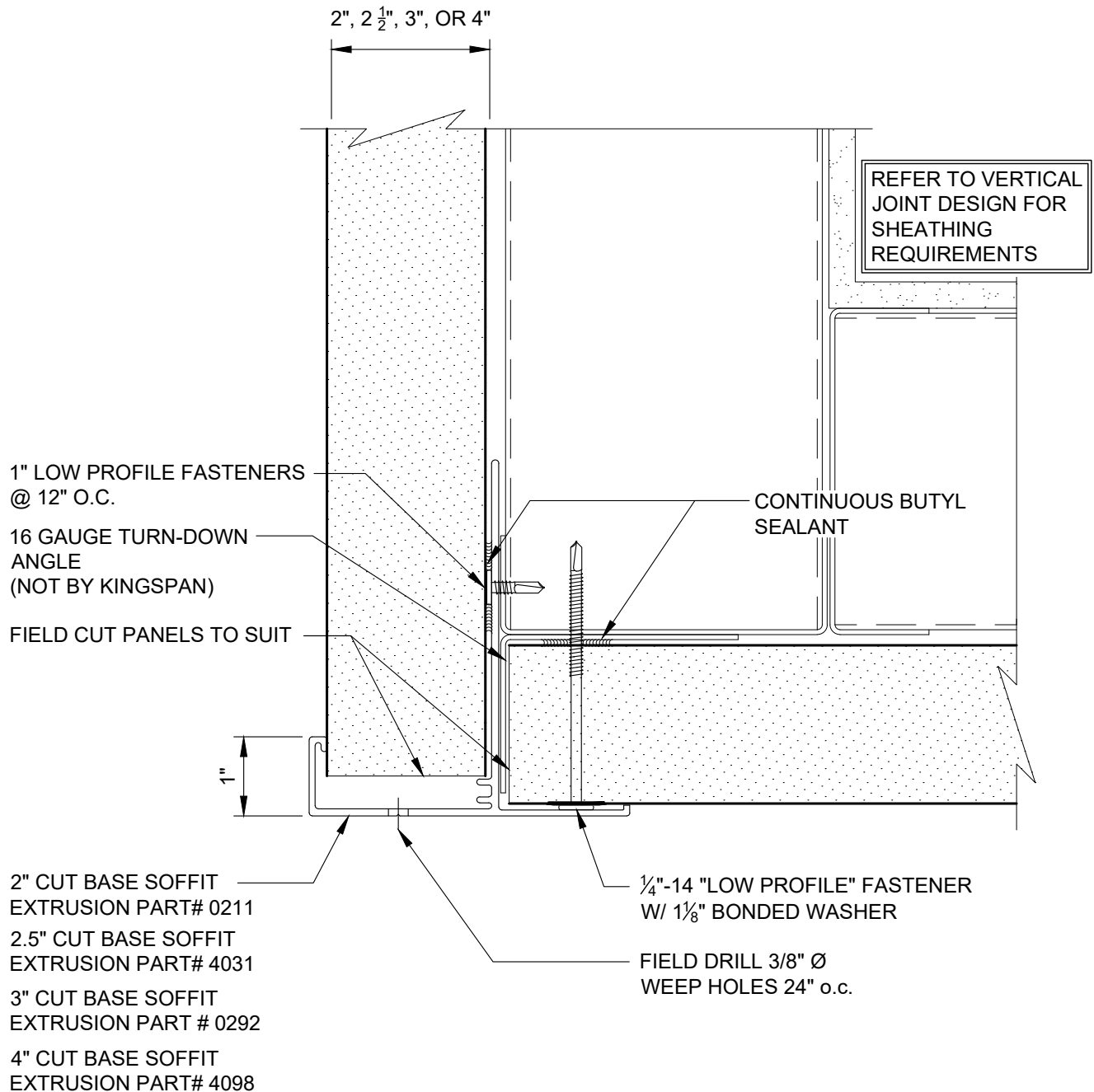
REGION: NORTH AMERICA

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REVISION	
REVISION #	DATE
4	12/5/23

FIELD CUT FASCIA  
AND SOFFIT

DETAIL #: AR-SF-04-DW2H

RELEASE: 2024

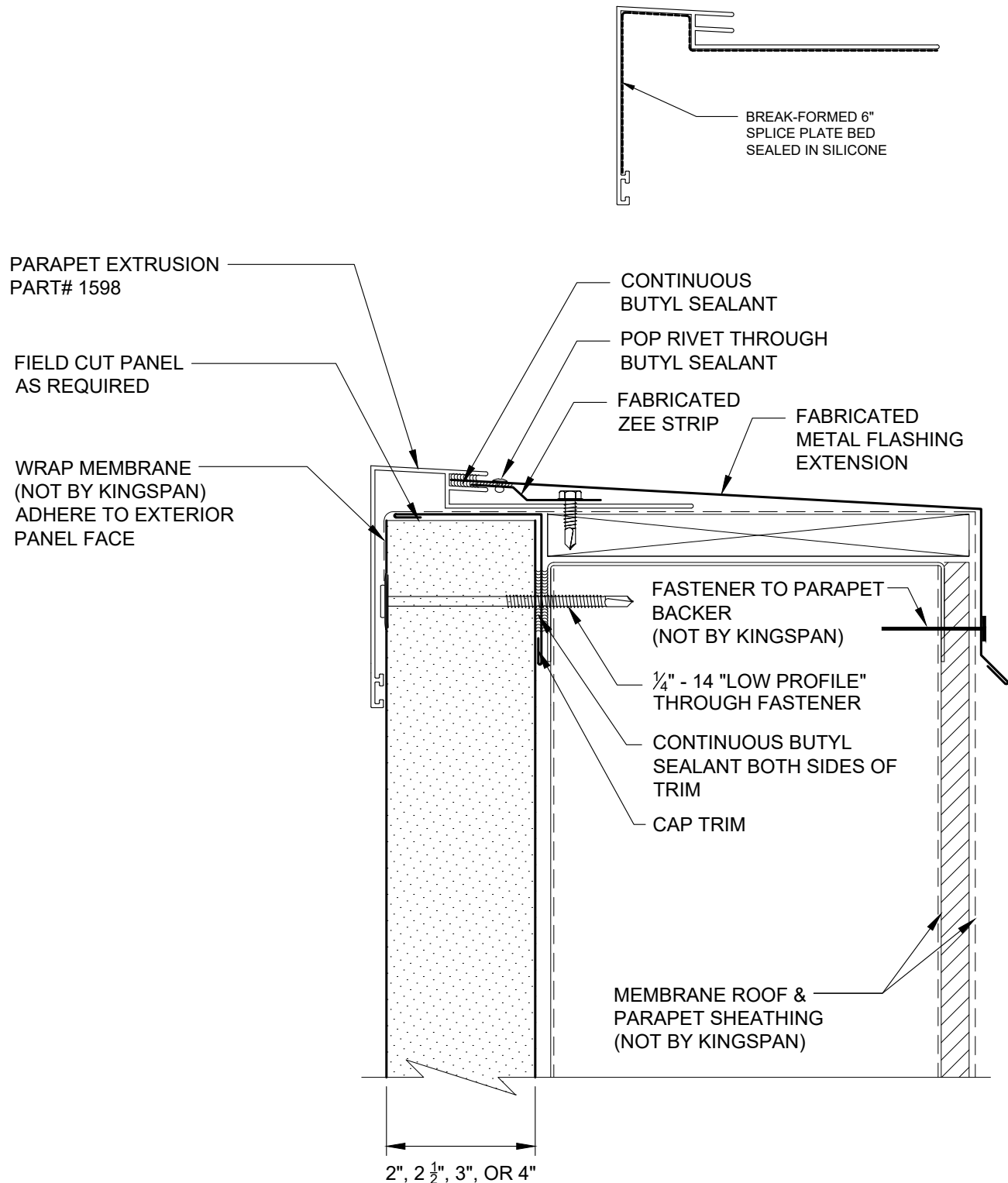
REGION: NORTH AMERICA

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REVISION	
REVISION #	DATE
4	12/5/23

PARAPET W/  
EXTRUSION

DETAIL #: AR-PR-01-DW2H

RELEASE: 2024

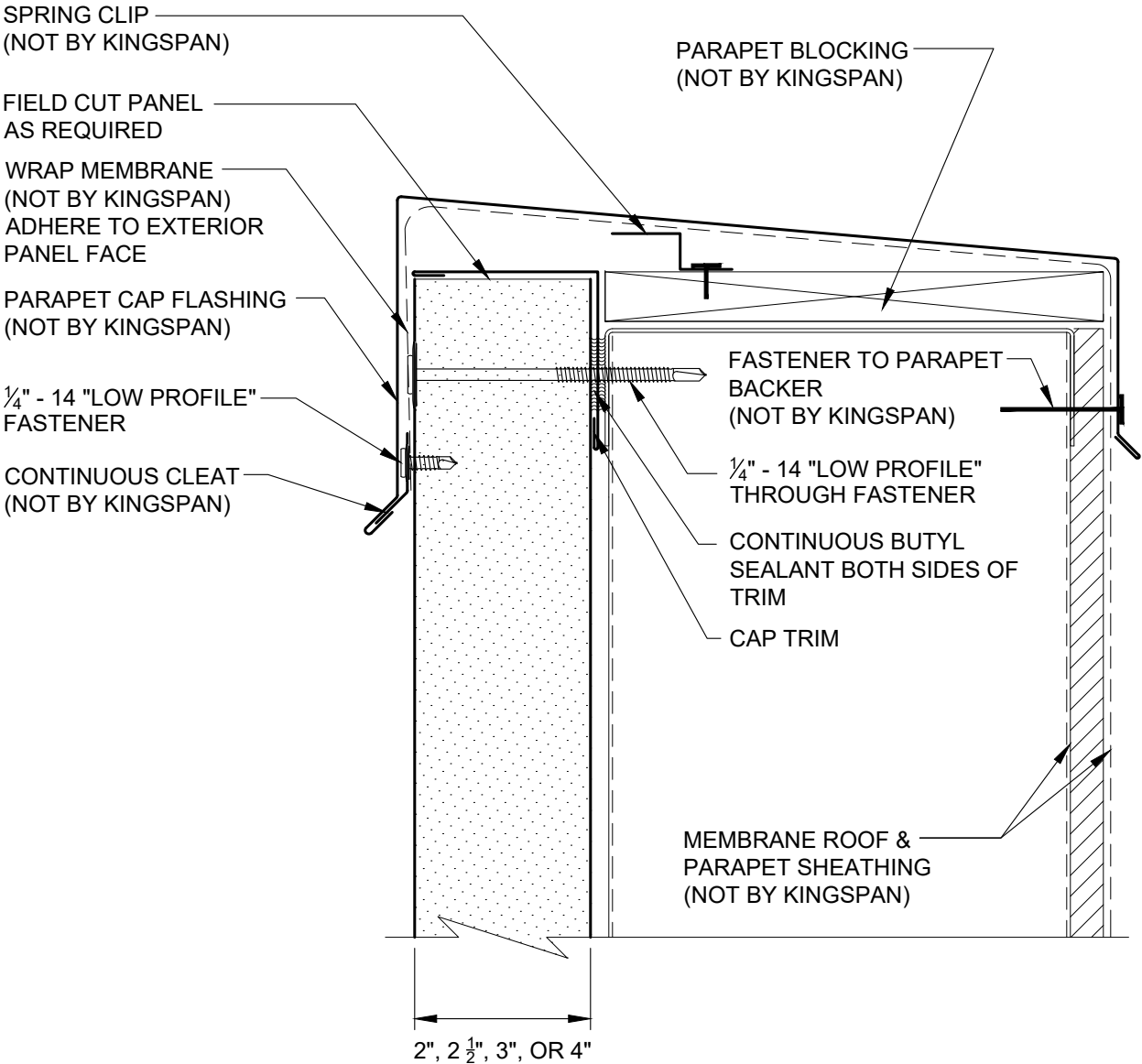
REGION: NORTH AMERICA

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REVISION	
REVISION #	DATE
4	12/5/23

PARAPET W/  
FLUSH TRIM

DETAIL #: AR-PR-02-DW2H

RELEASE: 2024

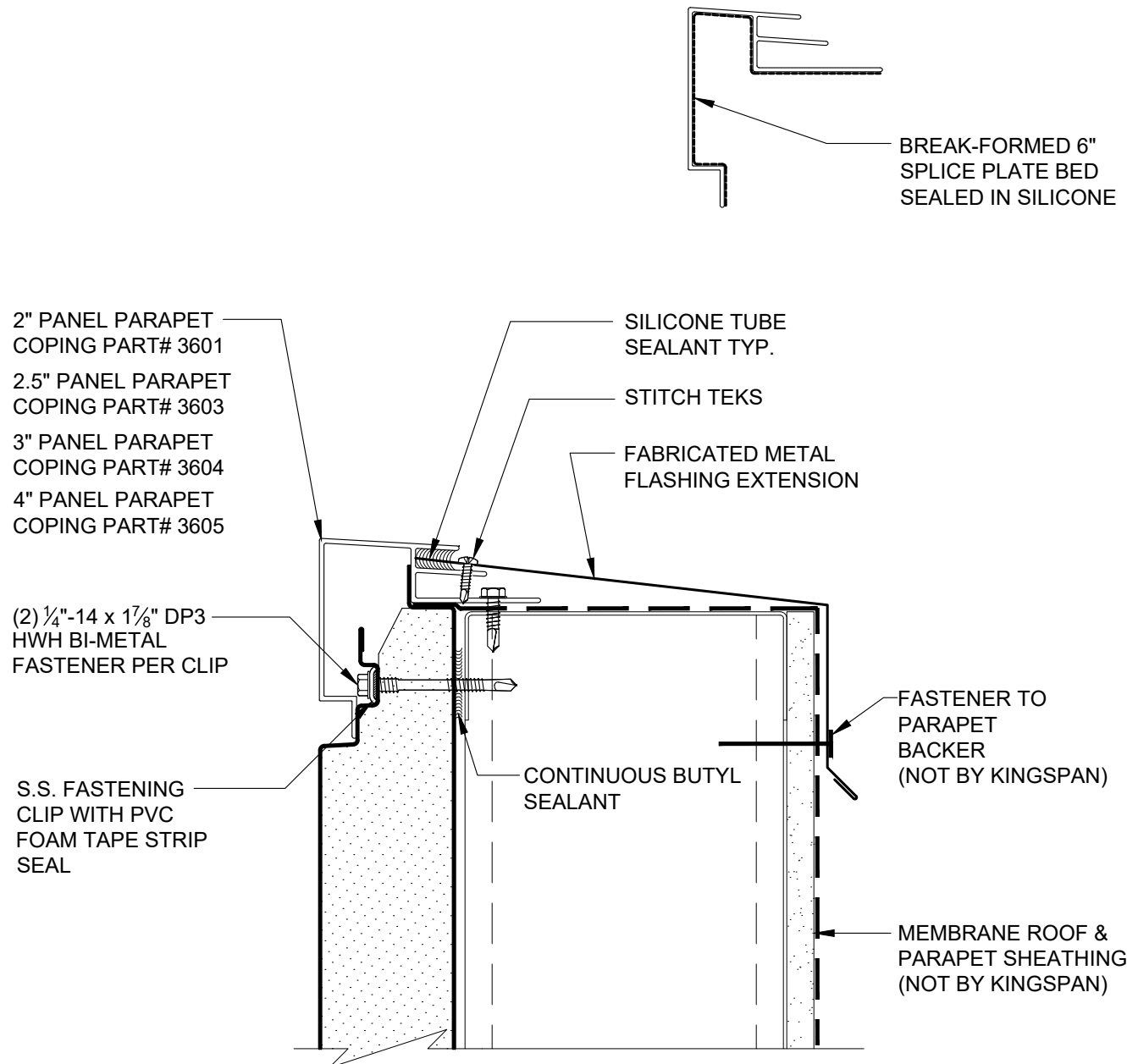
REGION: NORTH AMERICA

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# DW-2000 - HORIZONTAL INSTALLATION



REVISION	
REVISION #	DATE
4	12/5/23

PARAPET W/  
PROFILED  
EXTRUSION

DETAIL #: AR-PR-03-DW2H

RELEASE: 2024

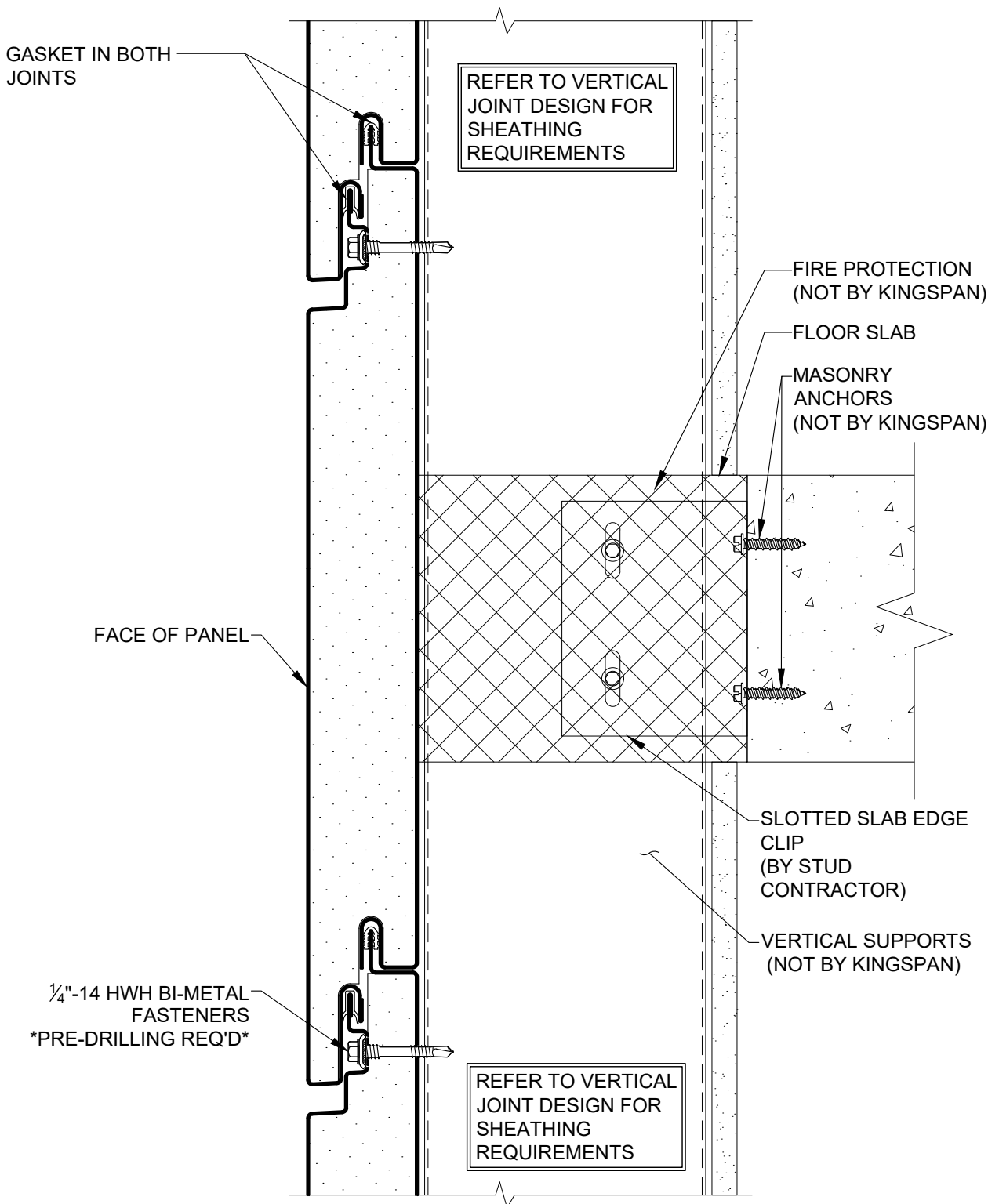
REGION: NORTH AMERICA

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# DW-2000 - HORIZONTAL INSTALLATION



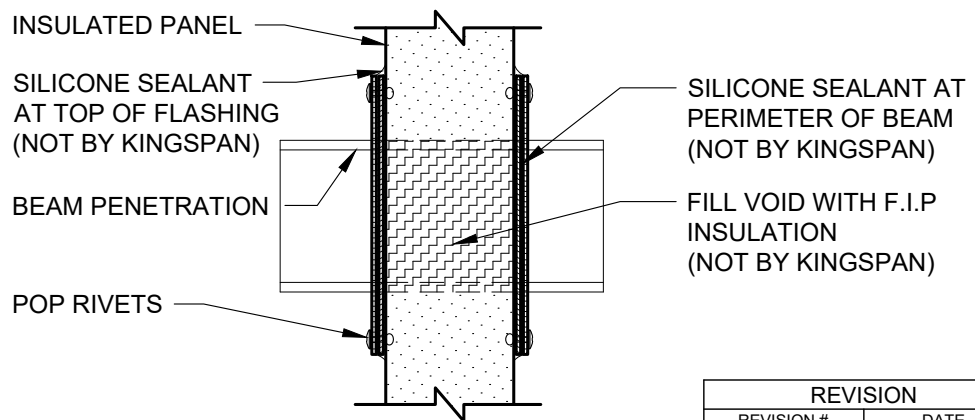
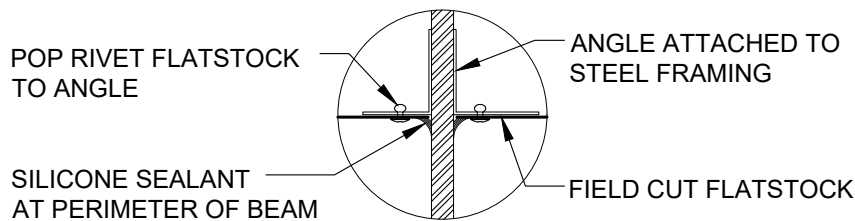
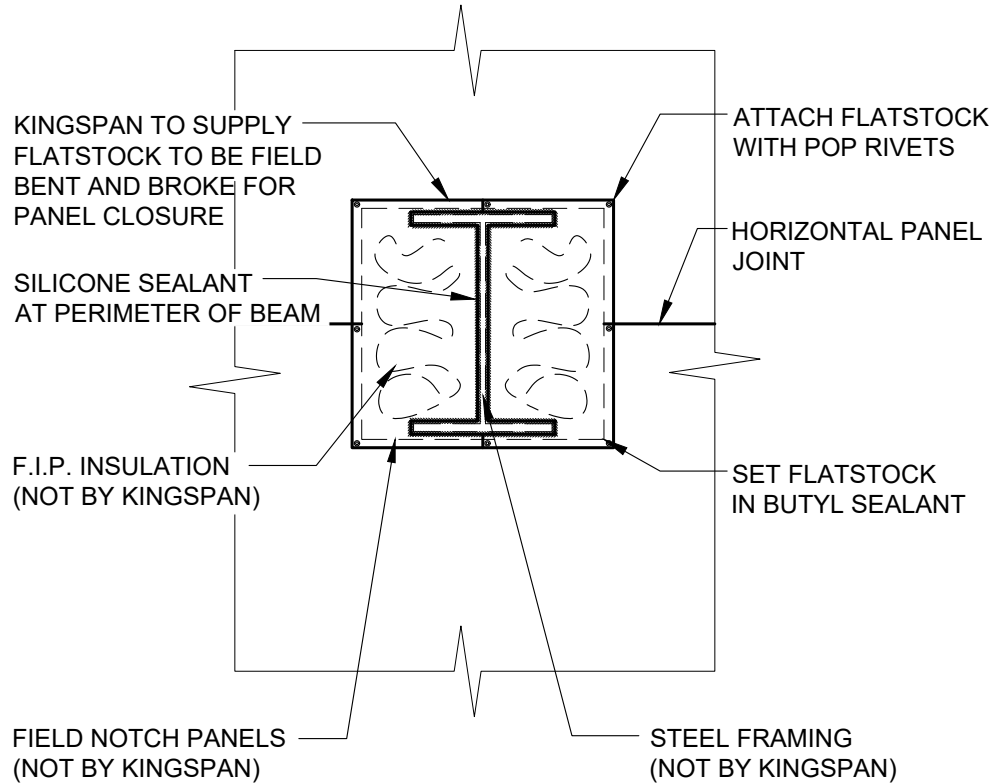
REVISION	
REVISION #	DATE
4	12/5/23

SLAB EDGE DETAIL

DETAIL #: AR-SE-01-DW2H  
RELEASE: 2024  
REGION: NORTH AMERICA  
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# DW-2000 - HORIZONTAL INSTALLATION



REVISION	
REVISION #	DATE
4	12/5/23

BEAM PENETRATION

DETAIL #: AR-PN-01-DW2H

RELEASE: 2024

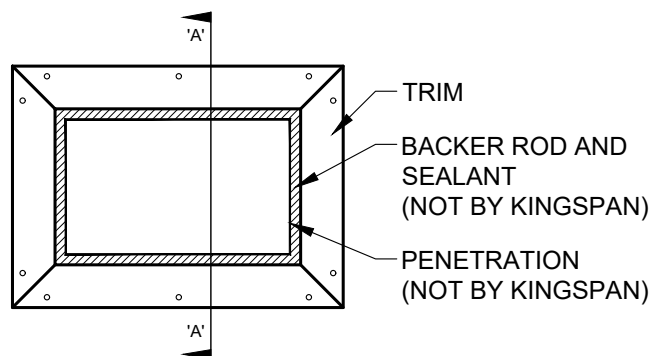
REGION: NORTH AMERICA

[www.kingspanpanels.com](http://www.kingspanpanels.com)

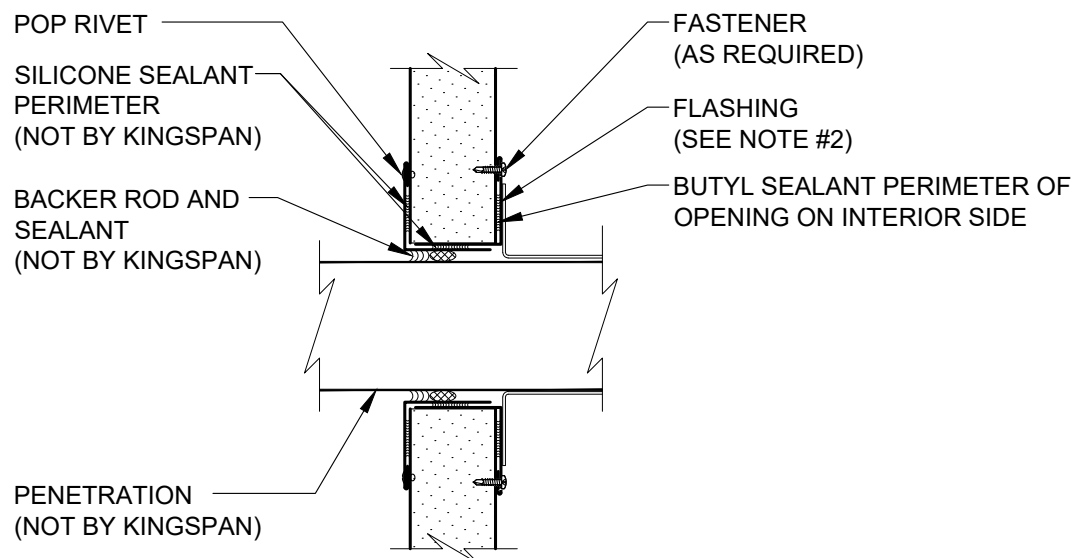


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# DW-2000 - HORIZONTAL INSTALLATION



ELEVATION



SECTION 'A-A'

- NOTES: 1. DO NOT ALIGN PENETRATIONS AT PANEL JOINT LOCATIONS.
2. FLASHING AT PENETRATIONS TO BE FIELD FABRICATED FROM FLATSTOCK SHEETS AS NECESSARY

REVISION	
REVISION #	DATE
4	12/5/23

WALL PENETRATION  
SECTION

DETAIL #: AR-PN-02-DW2H  
RELEASE: 2024  
REGION: NORTH AMERICA  
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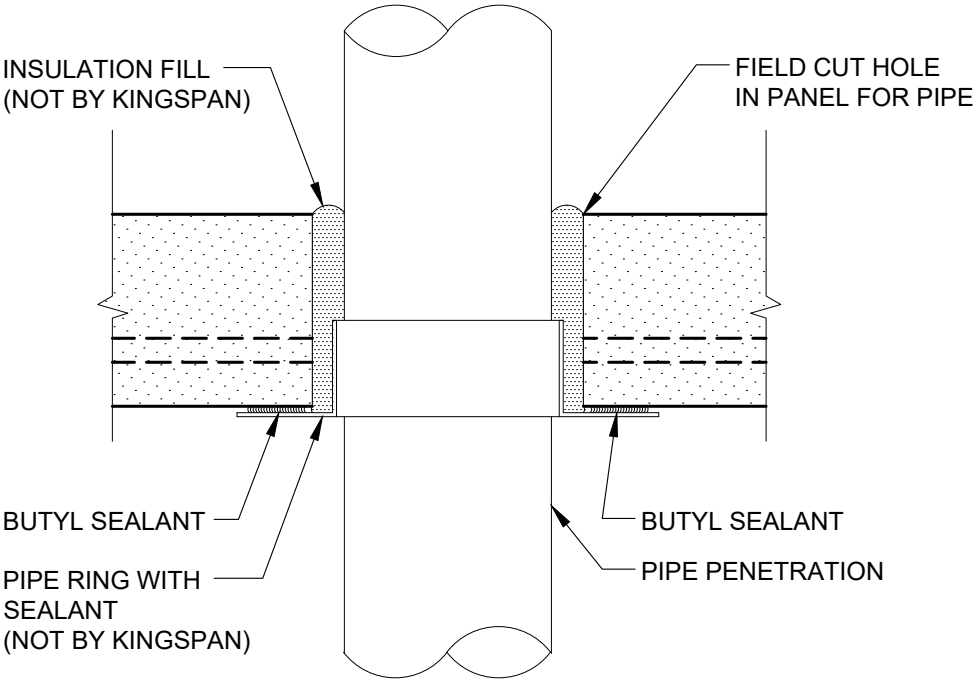


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# DW-2000 - HORIZONTAL INSTALLATION

Pipe Penetration Detail  
Horizontal Application  
Plan View



REVISION	
REVISION #	DATE
4	12/5/23

PIPE PENETRATION

DETAIL #: AR-PN-03-DW2H

RELEASE: 2024

REGION: NORTH AMERICA

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# DW-2000 - HORIZONTAL INSTALLATION

INSULATED PANEL

NOTE: FLASHING AT PENETRATIONS TO BE FIELD FABRICATED FROM FLATSTOCK SHEETS AS NECESSARY. QUANTITY OF FLATSTOCK REQUIRED SHALL BE DETERMINED BY INSTALLER (NOT BY KINGSPAN)

SILICONE SEALANT AT TOP OF FLASHING (NOT BY KINGSPAN)

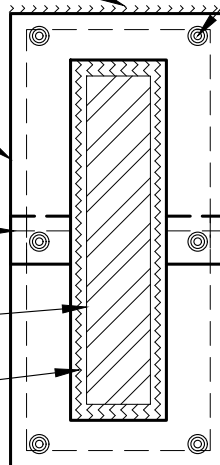
TWO PIECE FLASHING WITH  $\frac{1}{2}$ " HEM. BED SEAL TO PANEL WITH BUTYL SEALANT (BLIND) COPE FLASHING (NOT BY KINGSPAN)

SILICONE SEALANT BETWEEN FLASHINGS (NOT BY KINGSPAN)

KNIFE PENETRATION (NOT BY KINGSPAN)

SILICONE SEALANT AT PERIMETER OF KNIFE (NOT BY KINGSPAN)

POP RIVETS (QUANTITY REQUIRED SHALL BE DETERMINED BY INSTALLER)



NOTE: DO NOT ALIGN PENETRATIONS AT HORIZONTAL PANEL JOINTS OR VERTICAL REVEAL LOCATIONS.

INSULATED PANEL

SILICONE SEALANT AT TOP OF FLASHING (NOT BY KINGSPAN)

POP RIVETS

KNIFE PENETRATION

SILICONE SEALANT AT PERIMETER OF KNIFE (NOT BY KINGSPAN)

FILL VOID WITH F.I.P INSULATION (NOT BY KINGSPAN)

NOTE: THIS DETAIL ASSUMES PENETRATION OCCURS AFTER PANEL IS INSTALLED

## REVISION

REVISION #	DATE
4	12/5/23

KNIFE PLATE PENETRATION

DETAIL #: AR-PN-04-DW2H

RELEASE: 2024

REGION: NORTH AMERICA

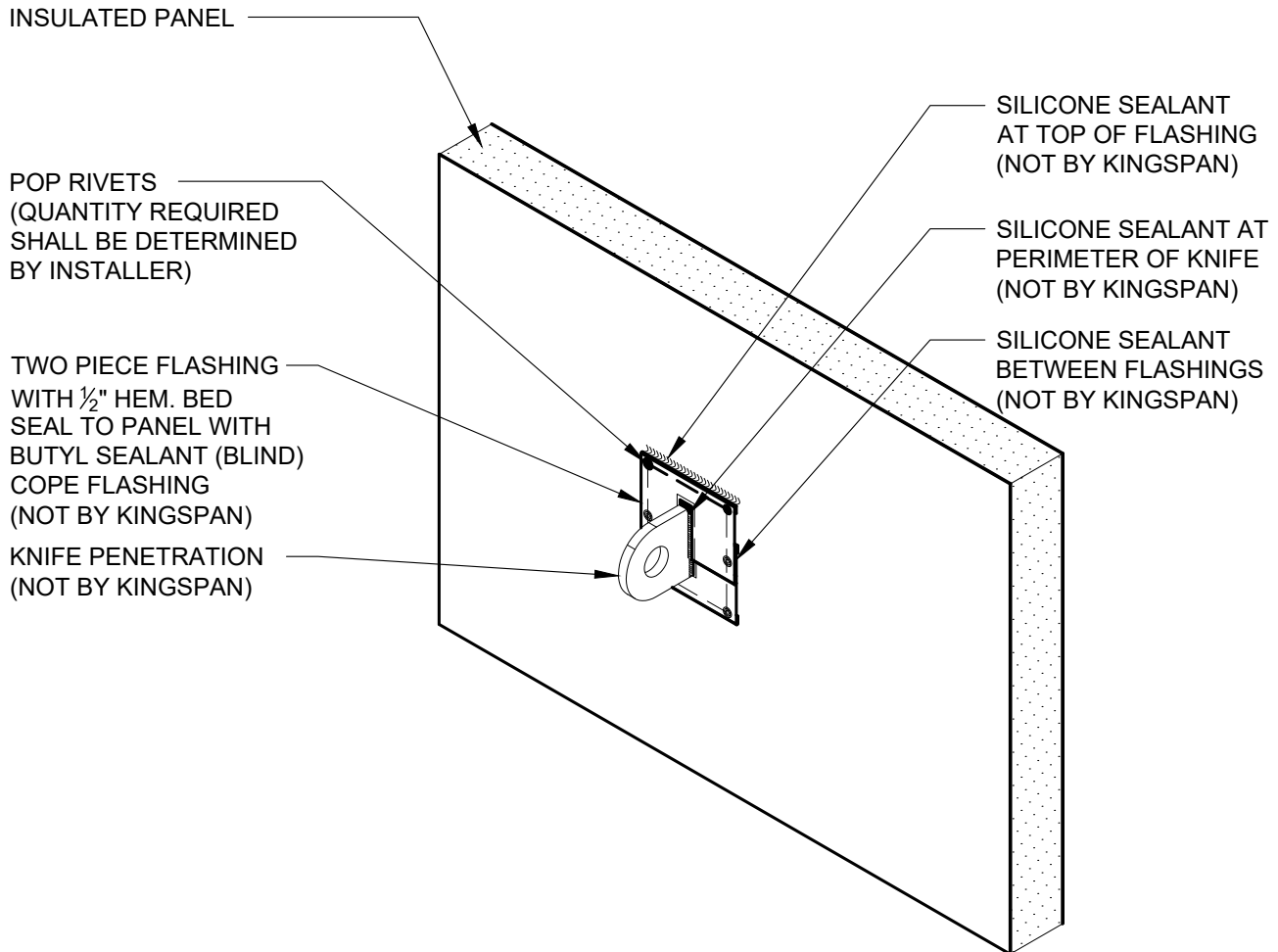
[www.kingspanpanels.com](http://www.kingspanpanels.com)



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# DW-2000 - HORIZONTAL INSTALLATION

NOTE: FLASHING AT PENETRATIONS  
TO BE FIELD FABRICATED FROM FLATSTOCK  
SHEETS AS NECESSARY. QUANTITY OF  
FLATSTOCK REQUIRED SHALL BE DETERMINED  
BY INSTALLER  
(NOT BY KINGSPAN)



NOTE: THIS DETAIL ASSUMES  
PENETRATION OCCURS  
AFTER PANEL IS INSTALLED

**NOTE:**  
DO NOT ALIGN PENETRATIONS  
AT PANEL JOINT LOCATIONS.

REVISION	
REVISION #	DATE
4	12/5/23

KNIFE PLATE  
PENETRATION  
(ISOMETRIC)

DETAIL #: AR-PN-05-DW2H

RELEASE: 2024

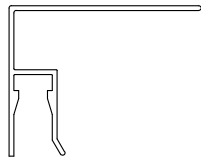
REGION: NORTH AMERICA

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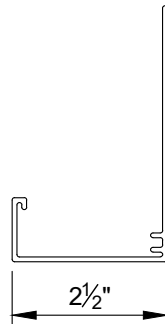


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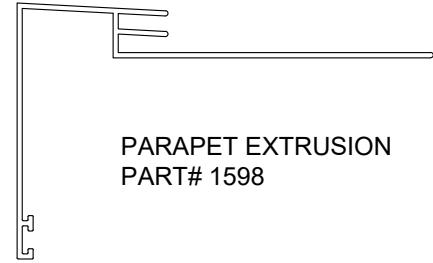
# DW-2000 - HORIZONTAL INSTALLATION



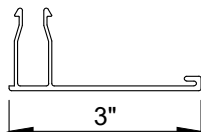
2" TWO PIECE  
ENDWALL/JAMB  
EXTRUSION RECEIVER  
PART #0214



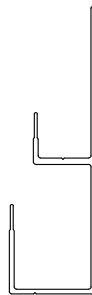
BASE EXTRUSION  
PART# 0218



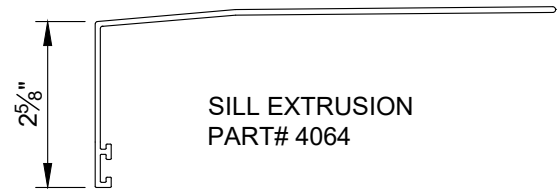
PARAPET EXTRUSION  
PART# 1598



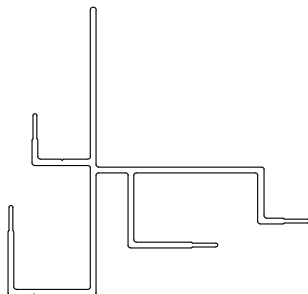
TWO PIECE ENDWALL/JAMB  
EXTRUSION CAP  
PART# 0215



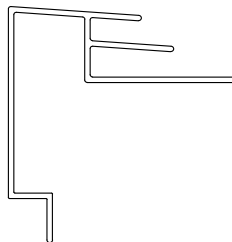
2" PANEL CONCEALED BASE  
EXTRUSION PART# 3592



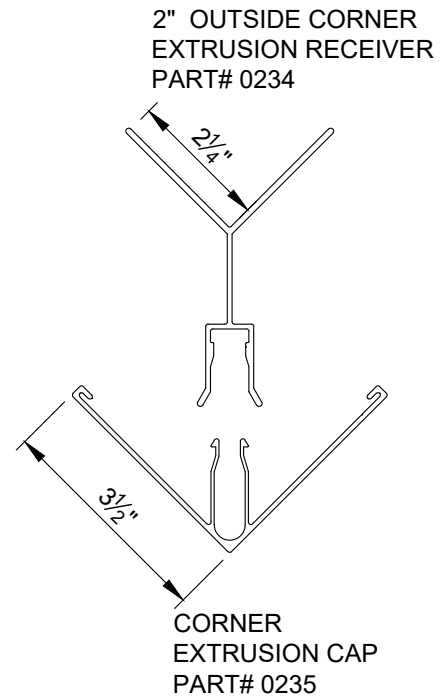
SILL EXTRUSION  
PART# 4064



2" PANEL CONCEALED  
SOFFIT EXTRUSION  
PART# 3642



2" PANEL PARAPET  
COPING PART# 3601



2" OUTSIDE CORNER  
EXTRUSION RECEIVER  
PART# 0234

CORNER  
EXTRUSION CAP  
PART# 0235

REVISION	
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2" EXTRUSIONS

DETAIL #: AR-EX-01-DW2H

RELEASE: 2024

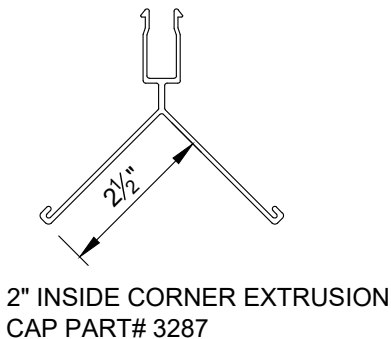
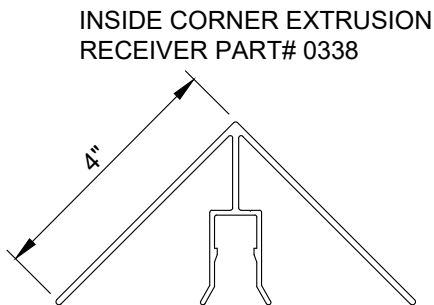
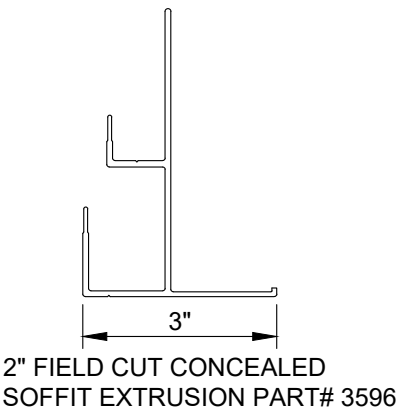
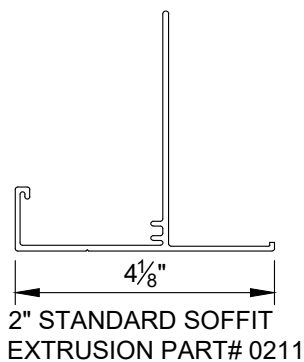
REGION: NORTH AMERICA

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REVISION	
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## 2" EXTRUSIONS

DETAIL #: AR-EX-02-DW2H

RELEASE: 2024

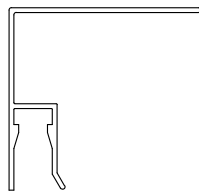
REGION: NORTH AMERICA

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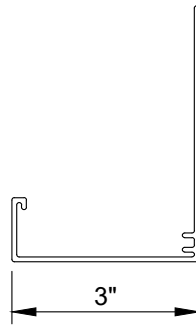


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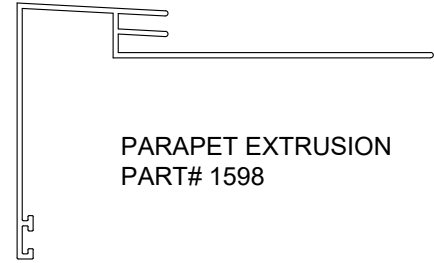
# DW-2000 - HORIZONTAL INSTALLATION



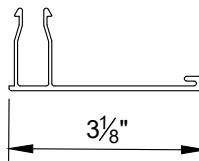
2.5" TWO PIECE  
ENDWALL/JAMB  
EXTRUSION RECEIVER  
PART# 1063



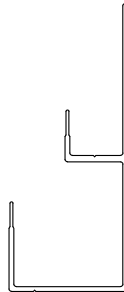
BASE EXTRUSION  
PART# 4096



PARAPET EXTRUSION  
PART# 1598



TWO PIECE ENDWALL/JAMB  
EXTRUSION CAP  
PART# 0215

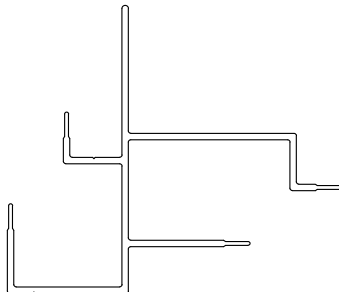
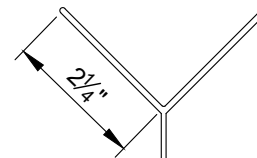


2.5" PANEL CONCEALED BASE  
EXTRUSION PART# 3593

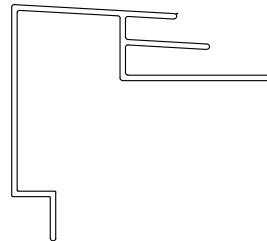


SILL EXTRUSION  
PART# 4064

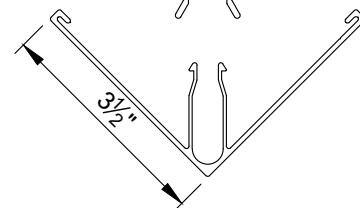
2.5" OUTSIDE CORNER  
EXTRUSION RECEIVER  
PART# 4093



2.5" PANEL CONCEALED  
SOFFIT EXTRUSION  
PART# 3643



2.5" PANEL PARAPET  
COPING PART# 3603



CORNER  
EXTRUSION CAP  
PART# 0235

REVISION	
REVISION #	DATE
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2.5" EXTRUSIONS

DETAIL #: AR-EX-03-DW2H

RELEASE: 2024

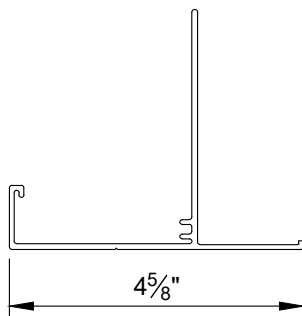
REGION: NORTH AMERICA

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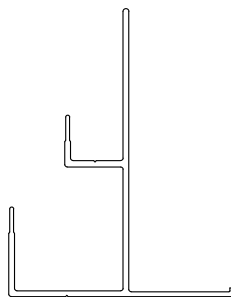


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2.5" STANDARD SOFFIT  
EXTRUSION PART# 4031



2.5" FIELD CUT CONCEALED  
SOFFIT EXTRUSION PART# 3598

REVISION	
REVISION #	DATE
4	12/5/23

2.5" EXTRUSIONS

DETAIL #: AR-EX-04-DW2H

RELEASE: 2024

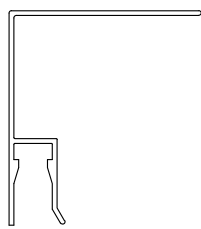
REGION: NORTH AMERICA

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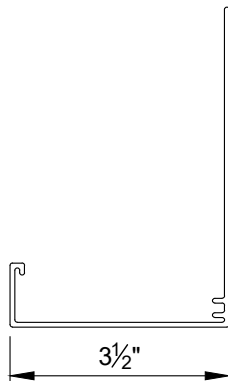


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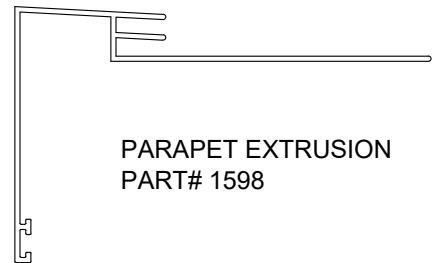
# DW-2000 - HORIZONTAL INSTALLATION



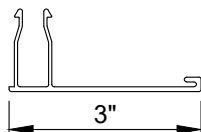
3" TWO PIECE  
ENDWALL/JAMB  
EXTRUSION RECEIVER  
PART# 0269



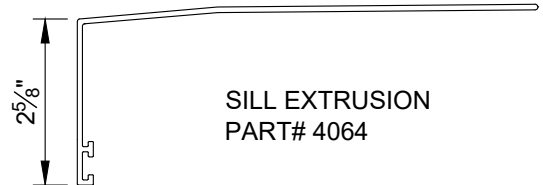
BASE EXTRUSION  
PART# 0227



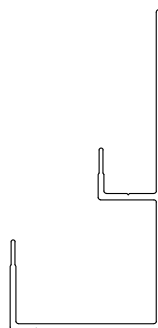
PARAPET EXTRUSION  
PART# 1598



TWO PIECE ENDWALL/JAMB  
EXTRUSION CAP  
PART# 0215

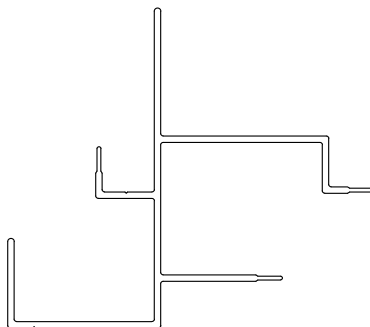
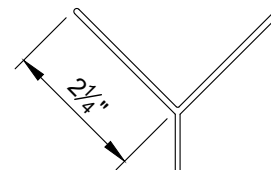


SILL EXTRUSION  
PART# 4064

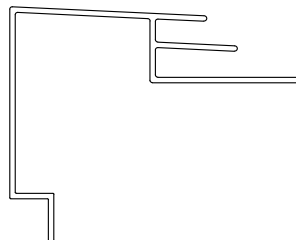


3" PANEL CONCEALED BASE  
EXTRUSION PART# 3594

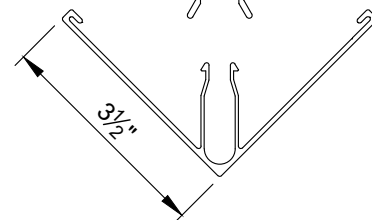
3" OUTSIDE CORNER  
EXTRUSION RECEIVER  
PART# 2178



3" PANEL CONCEALED  
SOFFIT EXTRUSION  
PART# 3644



3" PANEL PARAPET  
COPING PART# 3604



CORNER  
EXTRUSION CAP  
PART# 0235

## REVISION

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3" EXTRUSIONS

DETAIL #: AR-EX-05-DW2H

RELEASE: 2024

REGION: NORTH AMERICA

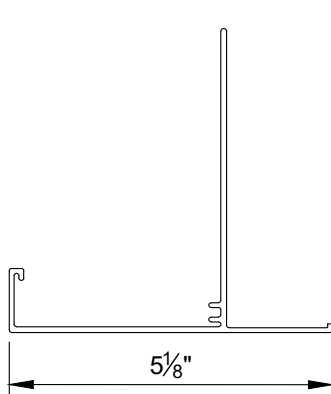
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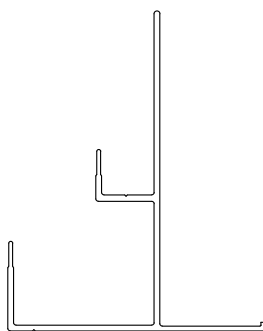
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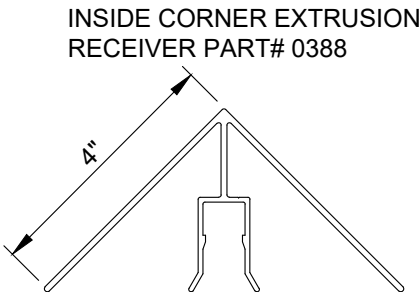
# DW-2000 - HORIZONTAL INSTALLATION



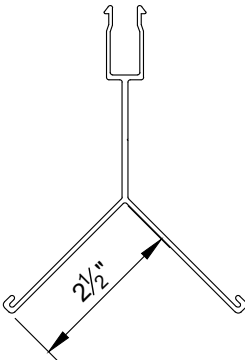
3" STANDARD SOFFIT  
EXTRUSION PART # 0292



3" FIELD CUT CONCEALED  
SOFFIT EXTRUSION PART# 3599



INSIDE CORNER EXTRUSION  
RECEIVER PART# 0388



3" INSIDE CORNER EXTRUSION  
CAP PART# 2178

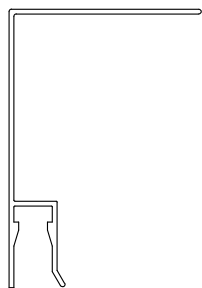
REVISION	
REVISION #	DATE
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3" EXTRUSIONS

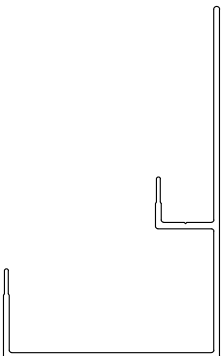
DETAIL #: AR-EX-06-DW2H  
RELEASE: 2024  
REGION: NORTH AMERICA  
[www.kingspanpanels.com](http://www.kingspanpanels.com)



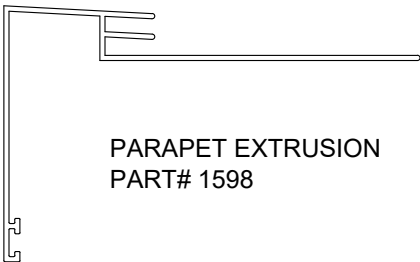
# DW-2000 - HORIZONTAL INSTALLATION



4" TWO PIECE  
ENDWALL/JAMB  
EXTRUSION RECEIVER  
PART# 4266



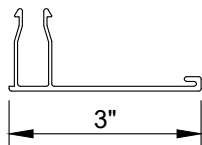
4" PANEL CONCEALED BASE  
EXTRUSION PART# 3595



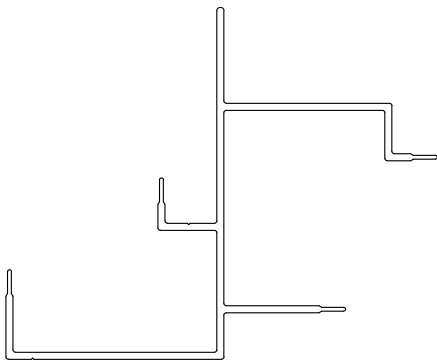
PARAPET EXTRUSION  
PART# 1598



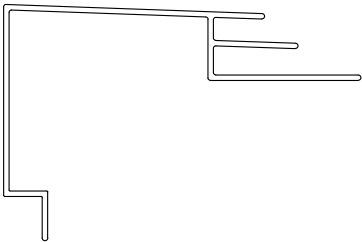
SILL EXTRUSION  
PART# 4064



TWO PIECE ENDWALL/JAMB  
EXTRUSION CAP  
PART# 0215



4" PANEL CONCEALED  
SOFFIT EXTRUSION  
PART# 3645



4" PANEL PARAPET  
COPING PART# 3605

REVISION	
REVISION #	DATE
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## 4" EXTRUSIONS

DETAIL #: AR-EX-07-DW2H

RELEASE: 2024

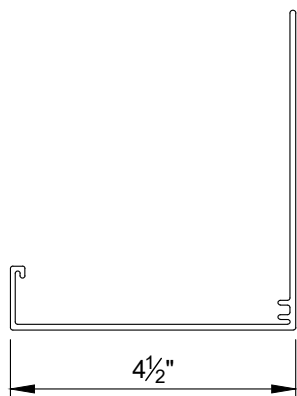
REGION: NORTH AMERICA

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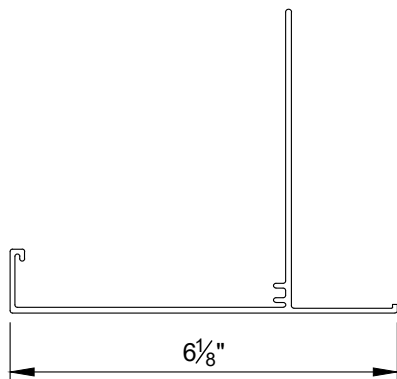


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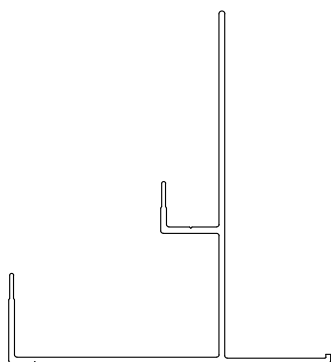
# DW-2000 - HORIZONTAL INSTALLATION



4" STANDARD BASE  
EXTRUSION PART# 4097

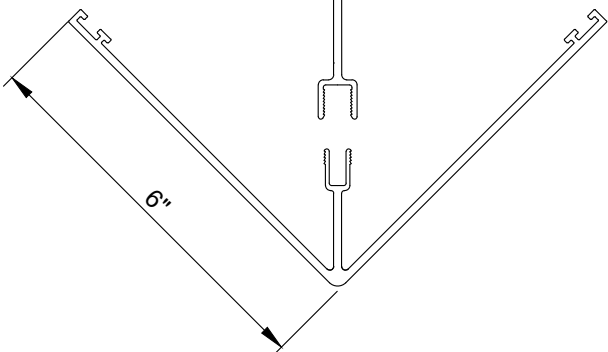
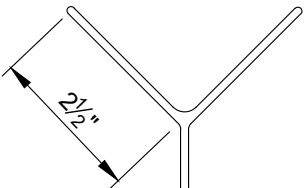


4" STANDARD SOFFIT  
EXTRUSION PART# 4098



4" FIELD CUT CONCEALED  
SOFFIT EXTRUSION PART# 3600

4" OUTSIDE CORNER  
EXTRUSION RECEIVER  
PART# 4102



4" OUTSIDE CORNER  
EXTRUSION CAP  
PART# 4044

REVISION	
REVISION #	DATE
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4" EXTRUSIONS

DETAIL #: AR-EX-08-DW2H

RELEASE: 2024

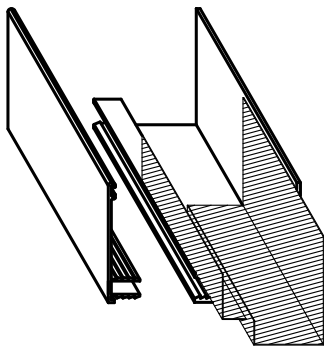
REGION: NORTH AMERICA

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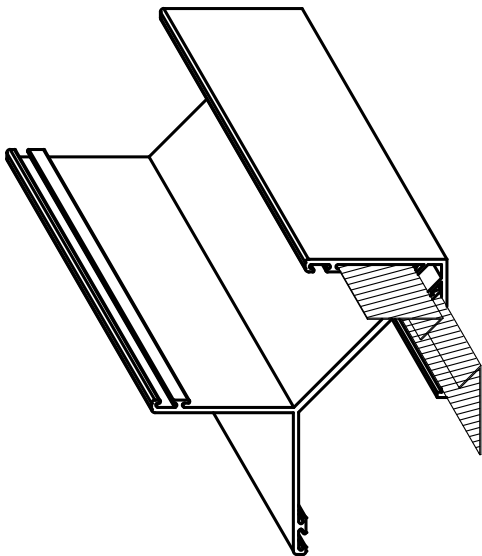
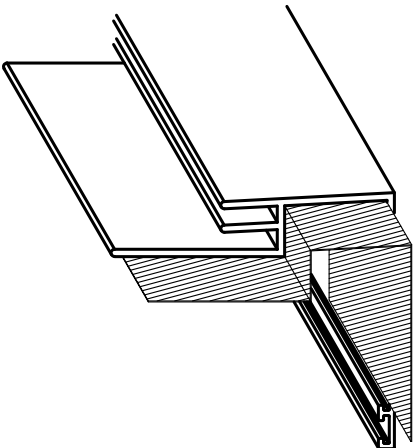


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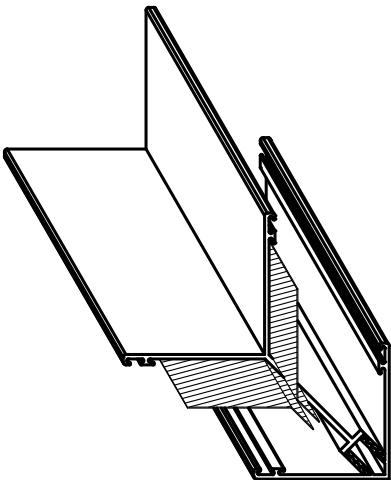
# DW-2000 - HORIZONTAL INSTALLATION



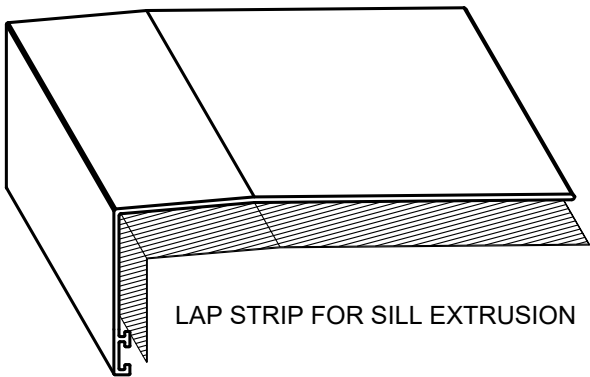
LAP STRIP FOR TWO PIECE  
JAMB EXTRUSION



LAP STRIPS FOR OUTSIDE CORNER  
EXTRUSION



LAP STRIPS FOR INSIDE CORNER  
EXTRUSION



LAP STRIP FOR SILL EXTRUSION

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EXTRUSION  
LAP STRIPS

DETAIL #: AR-TL-01-DW2H

RELEASE: 2024

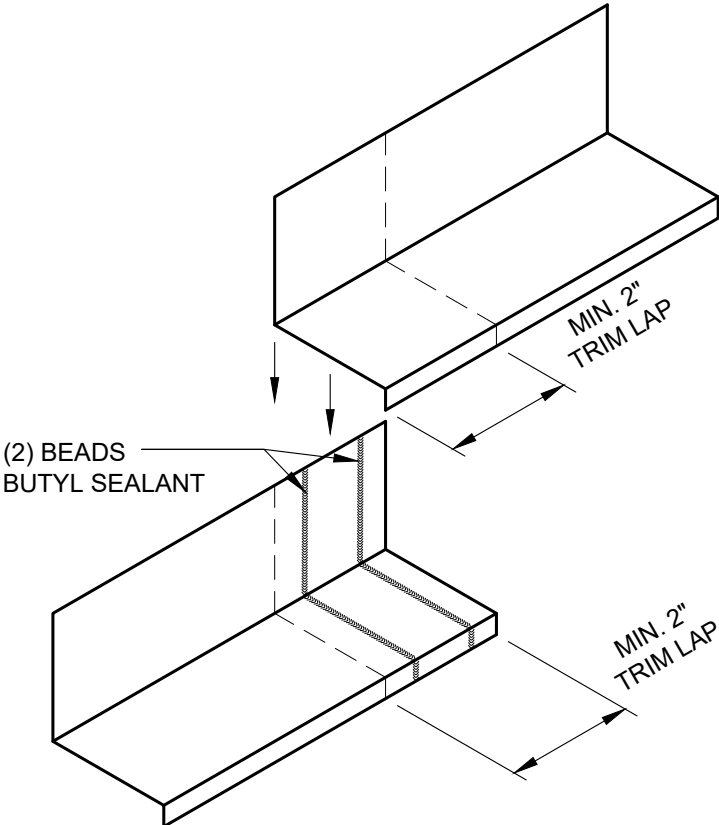
REGION: NORTH AMERICA

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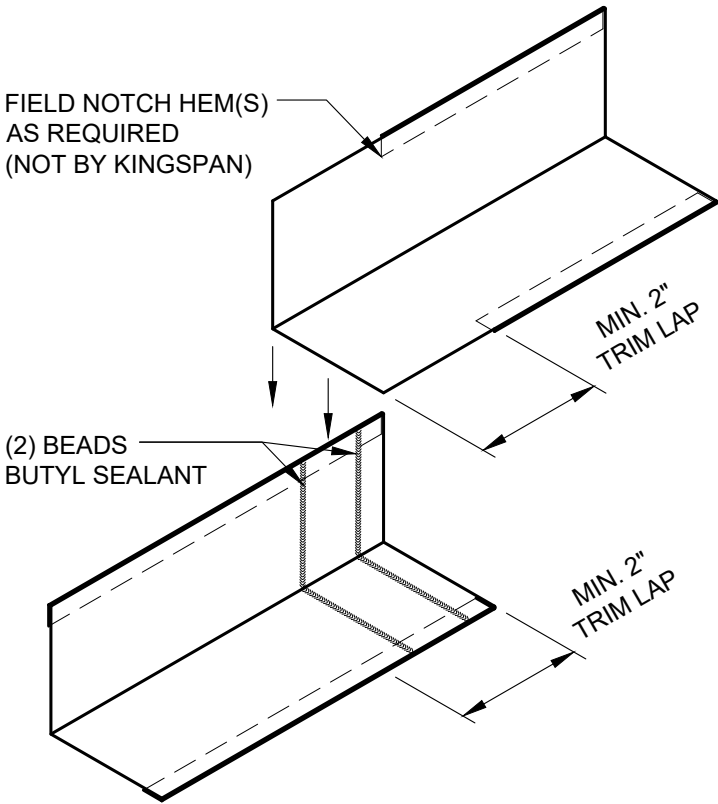
TRIM END LAP

DETAIL #: AR-TL-02-DW2H  
RELEASE: 2024  
REGION: NORTH AMERICA  
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REVISION	
REVISION #	DATE
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TRIM LAP  
WITH HEM

DETAIL #: AR-TL-03-DW2H

RELEASE: 2024

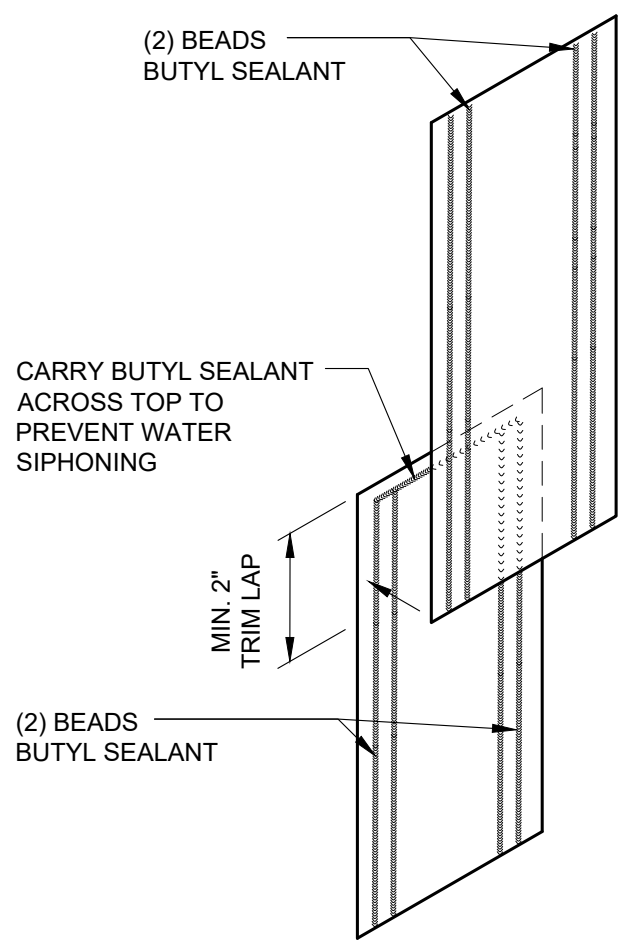
REGION: NORTH AMERICA

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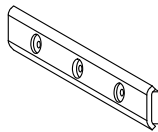
REVISION	
REVISION #	DATE
4	12/5/23

MENDING PLATE  
"SHINGLE" LAP

DETAIL #: AR-TL-04-DW2H
RELEASE: 2024
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# DW-2000 - HORIZONTAL INSTALLATION



FASTENING CLIP



VJ-1

2" FLAT PANEL  
2 1/2" RIBBED PANEL  
2 1/2" FLAT PANEL  
EXTENDED REVEAL



VJ-2

2" FLAT PANEL  
EXTENDED REVEAL



VJ-2.5

2 1/2" FLAT PANEL  
3" RIBBED PANEL  
3" FLAT PANEL  
EXTENDED REVEAL



VJ-3

3" FLAT PANEL  
4" RIBBED PANEL  
4" FLAT PANEL  
EXTENDED REVEAL



VJ-4

4" FLAT PANEL

VERTICAL JOINT GASKET

GASKET AVAILABLE IN  
BLACK OR LIGHT GRAY

REVISION	
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## ACCESSORIES

DETAIL #: AR-TL-05-DW2H

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