

DW 4000 - VERTICAL INSTALLATION

CLICK TO VIEW



REVISION

0	5/16/22
1	12/15/23
2	1/8/24
3	6/5/26

AR-DS-01-DW4V	ARCHITECTURAL DISCLAIMER
AR-PP-01-DW4V	DW4000 PANEL PROFILES
AR-PJ-01-DW4V	2" PANEL JOINT EXPANDED
AR-PJ-02-DW4V	2 1/2", 3", 4" PANEL JOINT EXPANDED
AR-PJ-03-DW4V	DW4000 STANDARD REVEALS
AR-PJ-04-DW4V	DW4000 CUSTOM REVEALS
AR-PJ-05-DW4V	PANELS OVER METAL STUDS
AR-PJ-06-DW4V	PANELS OVER CMU/CONCRETE
AR-PJ-07-DW4V	2" VERTICAL PANEL JOINT
AR-PJ-08-DW4V	2" VERTICAL INTERMEDIATE SUPPORTS
AR-SJ-01-DW4V	2" VERTICAL STACK JOINT
AR-SJ-02-DW4V	2" VERTICAL STACK JOINT W/ EXTRUSION
AR-PJ-09-DW4V	2 1/2" VERTICAL PANEL JOINT
AR-PJ-10-DW4V	2 1/2" VERTICAL INTERMEDIATE SUPPORTS
AR-SJ-03-DW4V	2 1/2" VERTICAL STACK JOINT
AR-SJ-04-DW4V	2 1/2" VERTICAL STACK JOINT W/ EXTRUSION
AR-PJ-11-DW4V	3" VERTICAL PANEL JOINT
AR-PJ-12-DW4V	3" VERTICAL INTERMEDIATE SUPPORTS
AR-SJ-05-DW4V	3" VERTICAL STACK JOINT
AR-SJ-06-DW4V	3" VERTICAL STACK JOINT W/ EXTRUSION
AR-PJ-13-DW4V	4" VERTICAL PANEL JOINT
AR-PJ-14-DW4V	4" VERTICAL INTERMEDIATE SUPPORTS
AR-SJ-07-DW4V	4" VERTICAL STACK JOINT
AR-SJ-08-DW4V	4" VERTICAL STACK JOINT W/ EXTRUSION
AR-PJ-15-DW4V	DW2000-V TO DW4000-V INTEGRATION
AR-PJ-16-DW4V	DW4000-V TO DW2000-V INTEGRATION
AR-PJ-17-DW4V	DW4000-V - DW2000R-V - DW4000S-V INTEGRATION
AR-PJ-18-DW4V	DW4000-H TO DW4000-V INTEGRATION

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AR-SJ-09-DW4V	DW4000-V TO DW4000-H STACK JOINT
AR-SJ-10-DW4V	DW4000-V TO DW4000-H STACK JOINT (REVEAL)
AR-SJ-11-DW4V	DW4000-H TO DW4000-V STACK JOINT
AR-SJ-12-DW4V	DW4000-H TO DW4000-V STACK JOINT (REVEAL)
AR-SJ-13-DW4V	DW4000-H TO DW4000-V STACK JOINT W/ EXTRUSION
AR-SJ-14-DW4V	DW4000-V TO DW4000-H STACK JOINT W/ EXTRUSION
AR-SJ-15-DW4V	DW4000-H TO DW4000-V STACK JOINT W/ EXTRUSION (REVEAL)
AR-BS-01-DW4V	BASE DETAIL - FLUSH W/ EXTRUSION
AR-BS-02-DW4V	BASE DETAIL - FLUSH W/ TRIMLESS END
AR-BS-03-DW4V	BASE DETAIL - OVERHANG W/ EXTRUSION
AR-BS-04-DW4V	BASE DETAIL - OVERHANG W/ TRIMLESS END
AR-BS-05-DW4V	BASE DETAIL - FLUSH W/ EXTRUSION ISOMETRIC
AR-BS-06-DW4V	BASE DETAIL - FLUSH W/ TRIMLESS END ISOMETRIC
AR-BS-07-DW4V	BASE DETAIL - OVERHANG W/ EXTRUSION ISOMETRIC
AR-BS-08-DW4V	BASE DETAIL - OVERHANG W/ TRIMLESS END ISOMETRIC

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AR-OC-01-DW4V	OUTSIDE CORNER W/ EXTRUSION
AR-OC-02-DW4V	OUTSIDE CORNER W/ TRIM
AR-OC-03-DW4V	OUTSIDE CORNER LAP FLUSH BASE
AR-OC-04-DW4V	OUTSIDE CORNER LAP OVERHANG BASE
AR-IC-01-DW4V	INSIDE CORNER W/ EXTRUSION
AR-IC-02-DW4V	INSIDE CORNER W/ TRIM
AR-IC-03-DW4V	INSIDE CORNER LAP FLUSH BASE
AR-IC-04-DW4V	INSIDE CORNER LAP - OVERHANG BASE
AR-FO-01-DW4V	F.O. HEAD W/ EXTRUSION
AR-FO-02-DW4V	F.O. JAMB W/ EXTRUSION
AR-FO-03-DW4V	F.O. SILL W/ EXTRUSION
AR-FO-04-DW4V	F.O. LAP W/ EXTRUSION
AR-FO-05-DW4V	F.O. LAP EXTRUSION INTERSECTION
AR-FO-06-DW4V	F.O. HEAD W/ TRIM
AR-FO-07-DW4V	F.O. JAMB W/ TRIM
AR-FO-08-DW4V	F.O. SILL W/ TRIM
AR-FO-09-DW4V	F.O. LAP W/ TRIM
AR-FO-10-DW4V	HEAD DETAIL - WINDOW / LOUVER OPENING
AR-FO-11-DW4V	JAMB DETAIL - WINDOW / LOUVER OPENING
AR-FO-12-DW4V	SILL DETAIL - WINDOW / LOUVER OPENING
AR-EW-01-DW4V	ENDWALL DETAIL W/ EXTRUSION
AR-EW-02-DW4V	ENDWALL DETAIL W/ TRIM
AR-SF-01-DW4V	SOFFIT DETAIL - TRANSVERSE BEND
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AR-PR-01-DW4V	PARAPET DETAIL W/ EXTRUSION
AR-PR-02-DW4V	PARAPET DETAIL W/ TRIM
AR-PR-03-DW4V	PARAPET DETAIL W/ PROFILED TRIM
AR-SE-01-DW4V	SLAB EDGE DETAIL
AR-PN-01-DW4V	BEAM PENETRATION
AR-PN-02-DW4V	BEAM PENETRATION - ISOMETRIC
AR-PN-03-DW4V	PIPE PENETRATION
AR-PN-04-DW4V	PIPE PENETRATION - ISOMETRIC
AR-PN-05-DW4V	KNIFE PENETRATION
AR-PN-06-DW4V	KNIFE PENETRATION - ISOMETRIC
AR-EX-01-DW4V	ACCESSORIES
AR-EX-02-DW4V	2" EXTRUSIONS
AR-EX-03-DW4V	2 1/2" EXTRUSIONS
AR-EX-04-DW4V	3" EXTRUSIONS
AR-EX-05-DW4V	4" EXTRUSIONS
AR-EX-06-DW4V	CORNER EXTRUSIONS
AR-EX-07-DW4V	WINDOW / LOUVER - EXTRUSIONS
AR-TL-01-DW4V	TRIM LAP - EXTRUSION SPLICE PLATES
AR-TL-02-DW4V	TRIM LAP - EXTRUSION LAP STRIPS
AR-TL-03-DW4V	TRIM LAP - HORIZONTAL END LAPS
AR-TL-04-DW4V	TRIM LAP - VERTICAL END LAPS
AR-TL-05-DW4V	TRIM LAP - PARAPET TRIM

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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).

CONTACT KINGSPAN TECHNICAL SERVICES FOR SPECIFIC PROJECT FASTENING REQUIREMENTS

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.

ALL STRUCTURAL SUPPORTS ARE NOT BY KINGSPAN AND ARE SHOWN FOR CLARIFICATION PURPOSES ONLY.

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ARCHITECTURAL
DISCLAIMER

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DW 4000 - VERTICAL INSTALLATION

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

MODULE WIDTH:
MINIMUM: 24"
MAXIMUM: 42"

LENGTHS:
MINIMUM: 2'-0"
MAXIMUM: 24'-0"

REFER TO NFPA 285
COMPLIANCE TABLE
(BELOW) FOR
SHEATHING
REQUIREMENTS

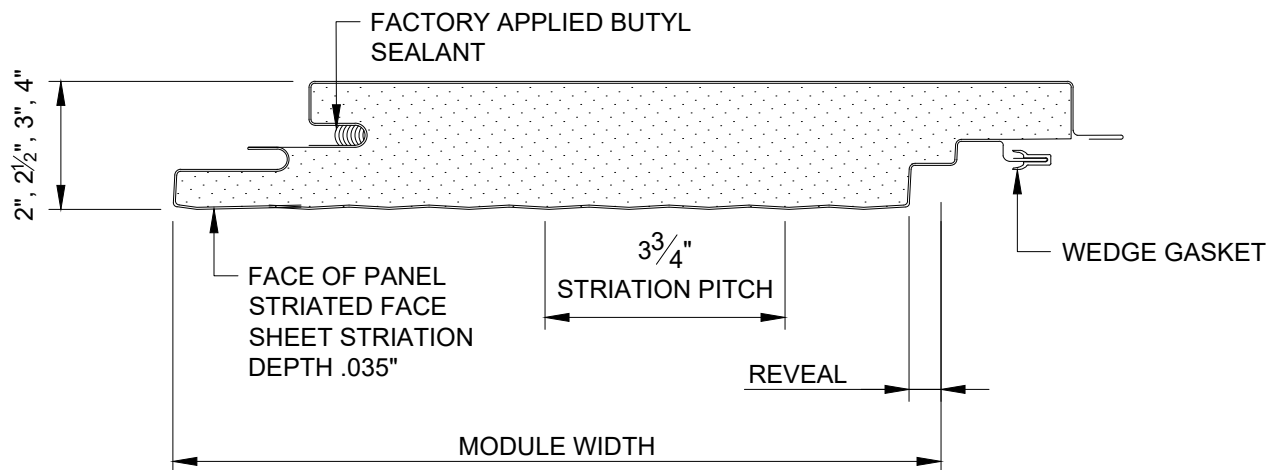
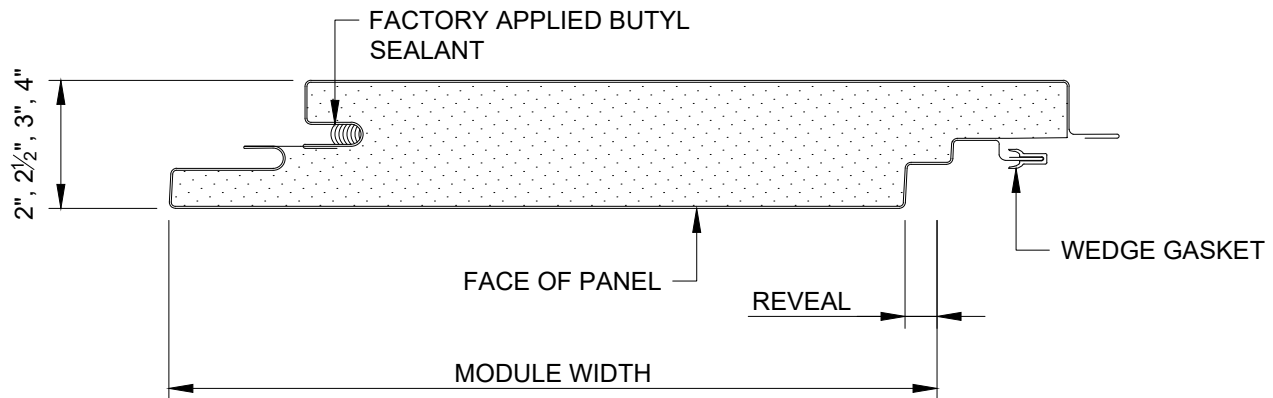
CORE TYPE:
QUADCORE B

PANEL ORIENTATION:
VERTICAL

EMBOSSING:
EXTERIOR: SMOOTH, STUCCO EMBOSSED
INTERIOR: SMOOTH, STUCCO EMBOSSED

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

OPTIONAL REVEALS:
1/8", 1/2", 1", 2", 3"



NFPA 285 COMPLIANCE TABLE

PANEL TYPE	CORE	LEAST PANEL WIDTH	THERMAL BARRIER (WALL)	THERMAL BARRIER (HEAD /SILL/JAMB/STACK JOINT)
DESIGNWALL 4000 (VERTICAL)	QUADCORE B	< 24"	NON-COMPLIANT PANEL	NON-COMPLIANT PANEL
DESIGNWALL 4000 (VERTICAL)	QUADCORE B	≥ 24"	NO THERMAL BARRIER REQUIRED	NO THERMAL BARRIER REQUIRED

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DW4000
PANEL PROFILES

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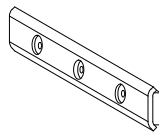
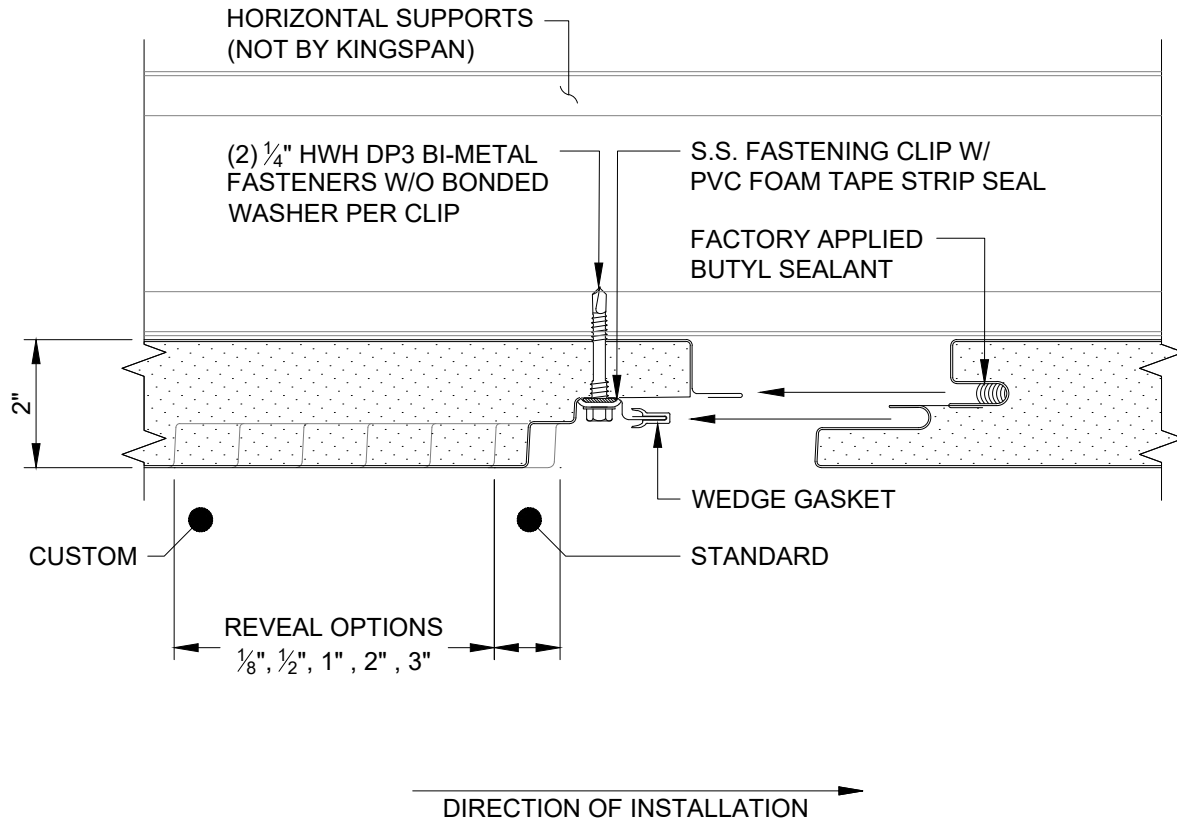


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DW 4000 - VERTICAL INSTALLATION

NOTE: FASTENER LENGTH VARIES
DEPENDING ON CONDITION

REFER TO
VERTICAL JOINT
DETAILS FOR
SHEATHING
REQUIREMENTS



FASTENING CLIP

CONTACT KINGSPAN TECHNICAL SERVICES FOR SPECIFIC PROJECT FASTENING REQUIREMENTS

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2" PANEL JOINT
EXPANDED

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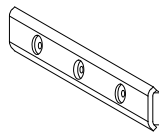
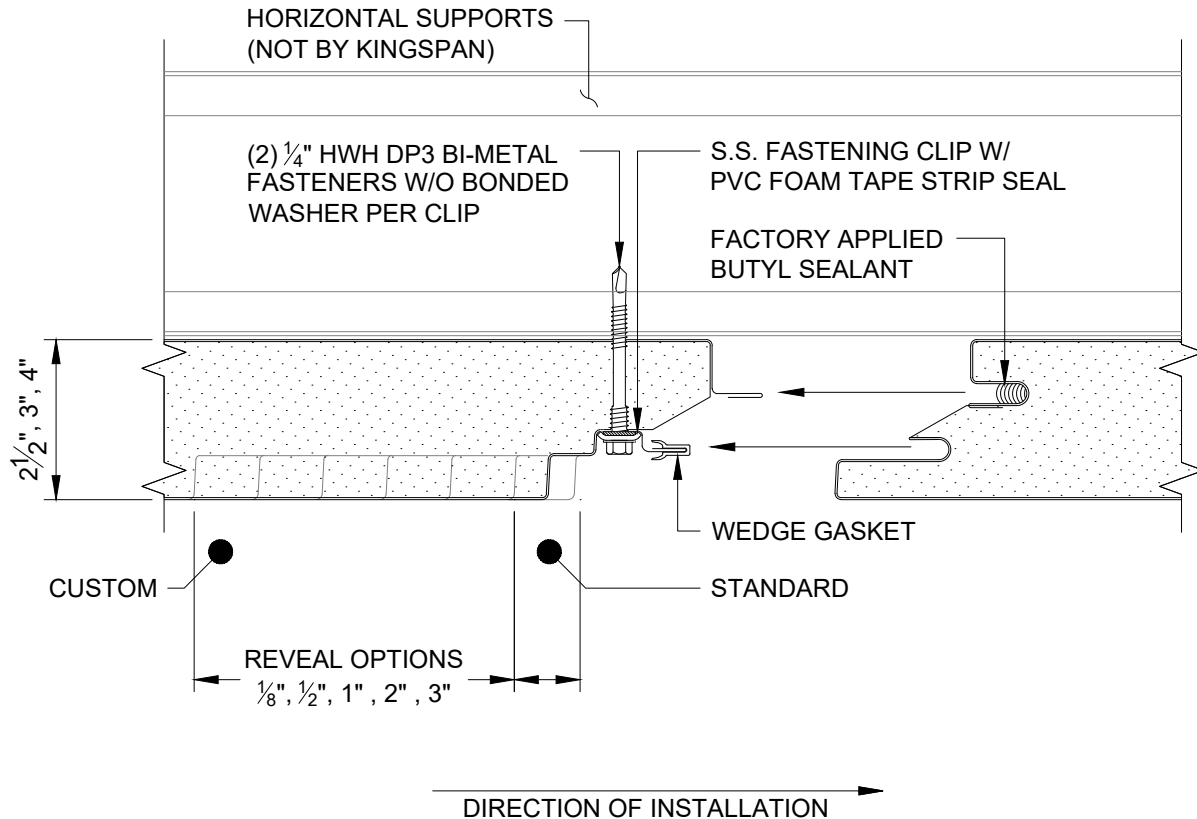


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DW 4000 - VERTICAL INSTALLATION

NOTE: FASTENER LENGTH VARIES
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DETAILS FOR
SHEATHING
REQUIREMENTS



FASTENING CLIP

CONTACT KINGSPAN TECHNICAL SERVICES FOR SPECIFIC PROJECT FASTENING REQUIREMENTS

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2 1/2", 3", 4" PANEL JOINT
EXPANDED

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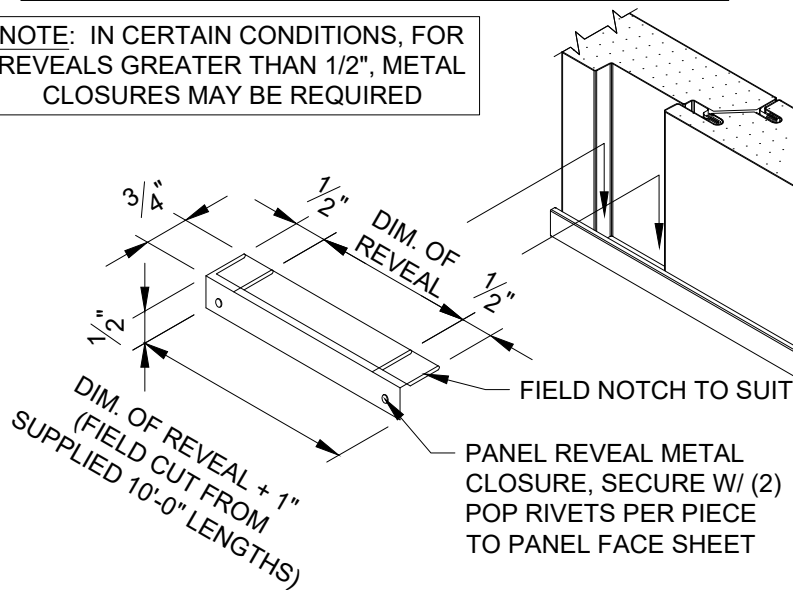


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DW 4000 - VERTICAL INSTALLATION

PANEL REVEAL METAL CLOSURES

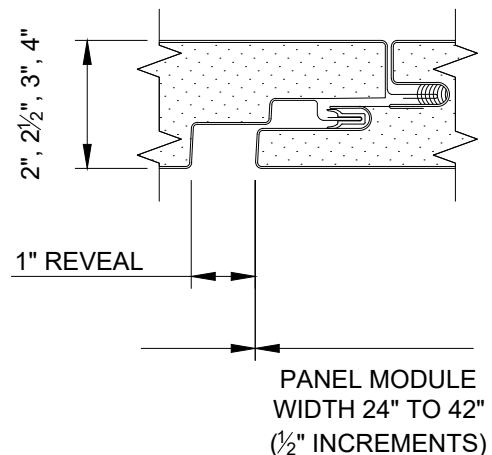
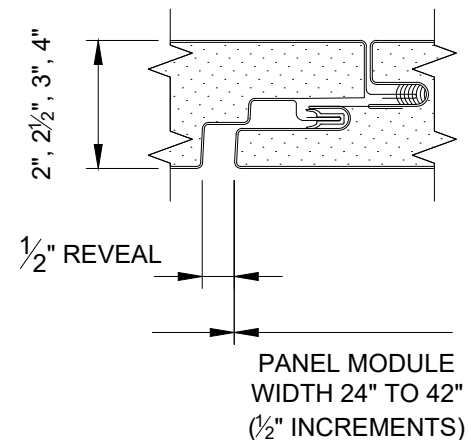
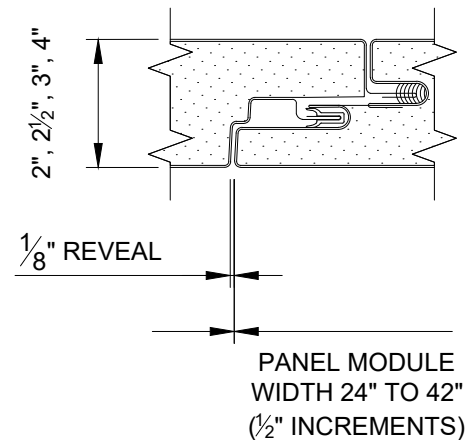
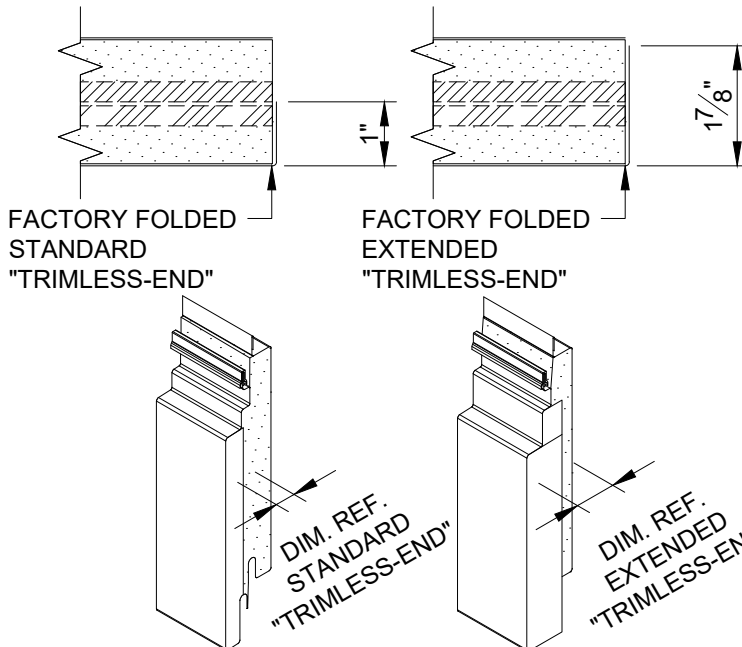
NOTE: IN CERTAIN CONDITIONS, FOR REVEALS GREATER THAN 1/2", METAL CLOSURES MAY BE REQUIRED



STANDARD / EXTENDED TRIMLESS ENDS

NOTE: IN THE FOLLOWING CONDITIONS, AT VERTICAL JOINTS, EXTENDED TRIMLESS ENDS ARE REQUIRED IN ORDER TO ENSURE PROPER ENGAGEMENT OF THE VERTICAL JOINT GASKET

- 1) FOR PANEL REVEALS LARGER THAN 1"
- 2) IF ADJACENT PANEL HAS A RIBBED PANEL PROFILE OR ONE OF THE CONDITIONS ABOVE



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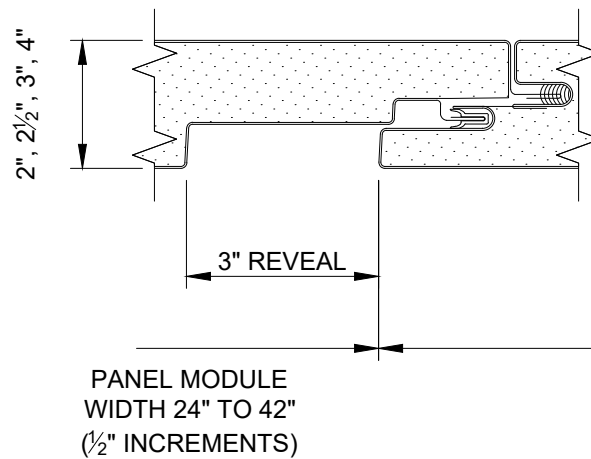
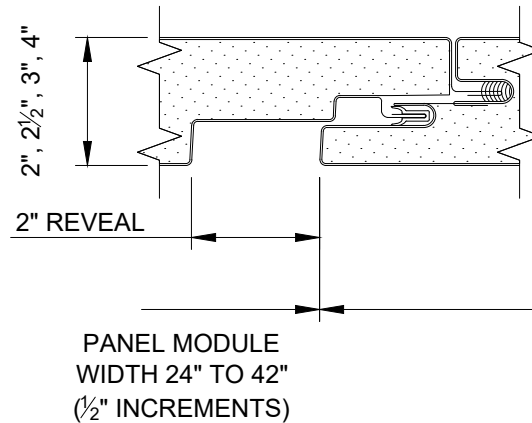
DW4000
STANDARD REVEALS

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DW 4000 - VERTICAL INSTALLATION



NOTE: IN CERTAIN CONDITIONS, FOR REVEALS GREATER THAN 1/2", METAL CLOSURES MAY BE REQUIRED, REFERENCE [AR-PJ-03-DW4V](#) DW4000 STANDARD REVEALS FOR DETAILS NOT SHOWN HERE

NOTE: EXTENDED TRIMLESS ENDS ARE REQUIRED FOR PANELS WITH REVEALS GREATER THAN 1", REFERENCE [AR-PJ-03-DW4V](#) DW4000 STANDARD REVEALS FOR DETAILS NOT SHOWN HERE

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DW4000
CUSTOM REVEALS

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NOTE : THE FACE OF ALL STEEL MUST BE FREE OF BOLT/ FASTENER HEADS / BUILT UP WELDS OR OTHER OBSTRUCTIONS WHICH MIGHT INTERFERE WITH THE BEARING OF PANELS. PANCAKE HEAD FASTENERS ARE RECOMMENDED.



HORIZONTAL SUPPORTS
(NOT BY KINGSPAN)

NOTE: ALWAYS ATTACH VERTICALLY INSTALLED PANELS TO HORIZONTALLY ORIENTED SUPPORTS

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PANELS OVER
METAL STUDS

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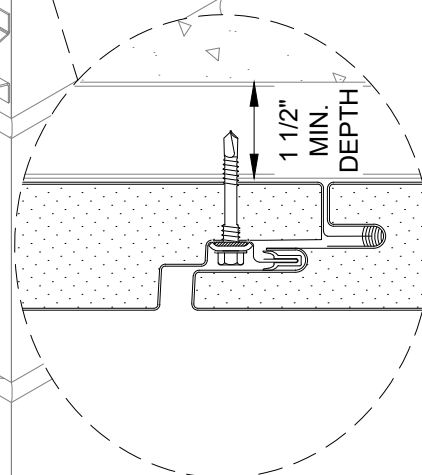
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DW 4000 - VERTICAL INSTALLATION

NOTE : THE FACE OF ALL STEEL MUST BE FREE OF BOLT/ FASTENER HEADS / BUILT UP WELDS OR OTHER OBSTRUCTIONS WHICH MIGHT INTERFERE WITH THE BEARING OF PANELS. PANCAKE HEAD FASTENERS ARE RECOMMENDED.



*FRAMING DEPTH MUST BE NO SHALLOWER THAN SHANK PENETRATION OF FASTENERS BEHIND LINER SHEET



HORIZONTAL SUPPORTS
(NOT BY KINGSPAN)

PRECAST OR CMU WALL
(NOT BY KINGSPAN)

NOTE: ALWAYS ATTACH VERTICALLY INSTALLED PANELS TO HORIZONTALLY ORIENTED SUPPORTS

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PANELS OVER
CMU/CONCRETE

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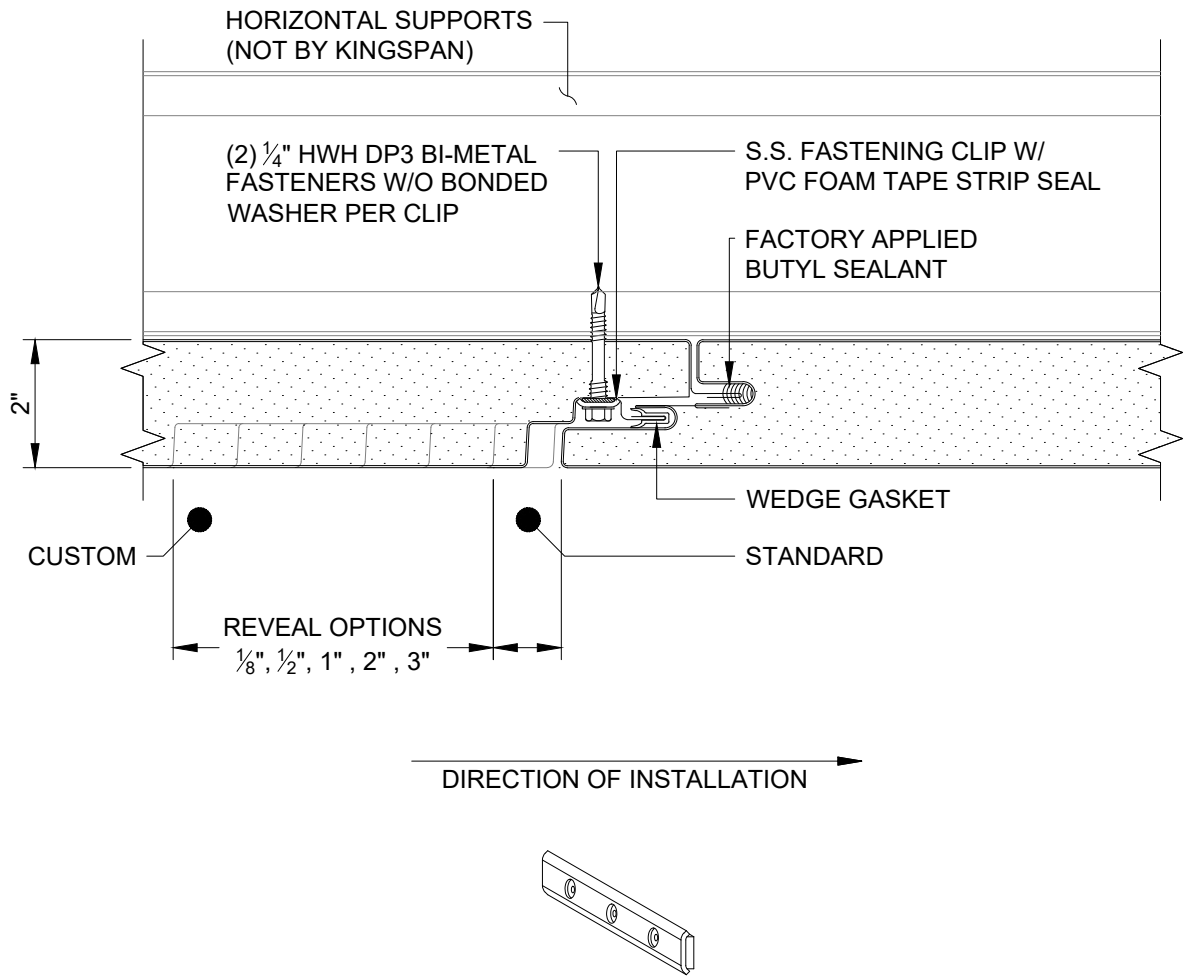


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DW 4000 - VERTICAL INSTALLATION

NOTE: FASTENER LENGTH VARIES
DEPENDING ON CONDITION

REFER TO NFPA 285
COMPLIANCE TABLE
(BELOW) FOR
SHEATHING
REQUIREMENTS



FASTENING CLIP

CONTACT KINGSPAN 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 4000 (VERTICAL)	QUADCORE B	< 24"	NON-COMPLIANT PANEL	NON-COMPLIANT PANEL
DESIGNWALL 4000 (VERTICAL)	QUADCORE B	≥ 24"	NO THERMAL BARRIER REQUIRED	NO THERMAL BARRIER REQUIRED

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2" VERTICAL
PANEL JOINT

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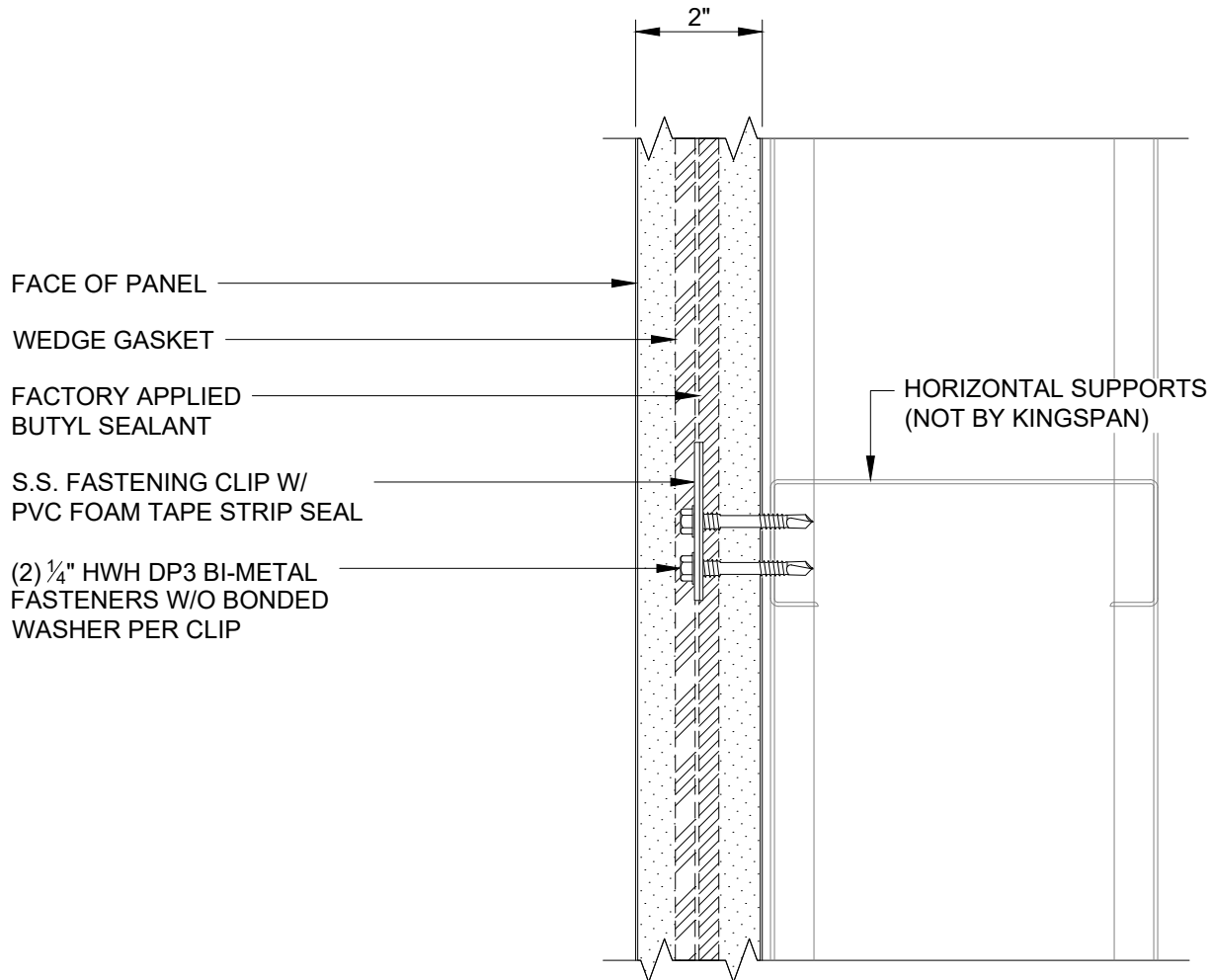


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REQUIREMENTS



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2" VERTICAL
INTERMEDIATE SUPPORTS

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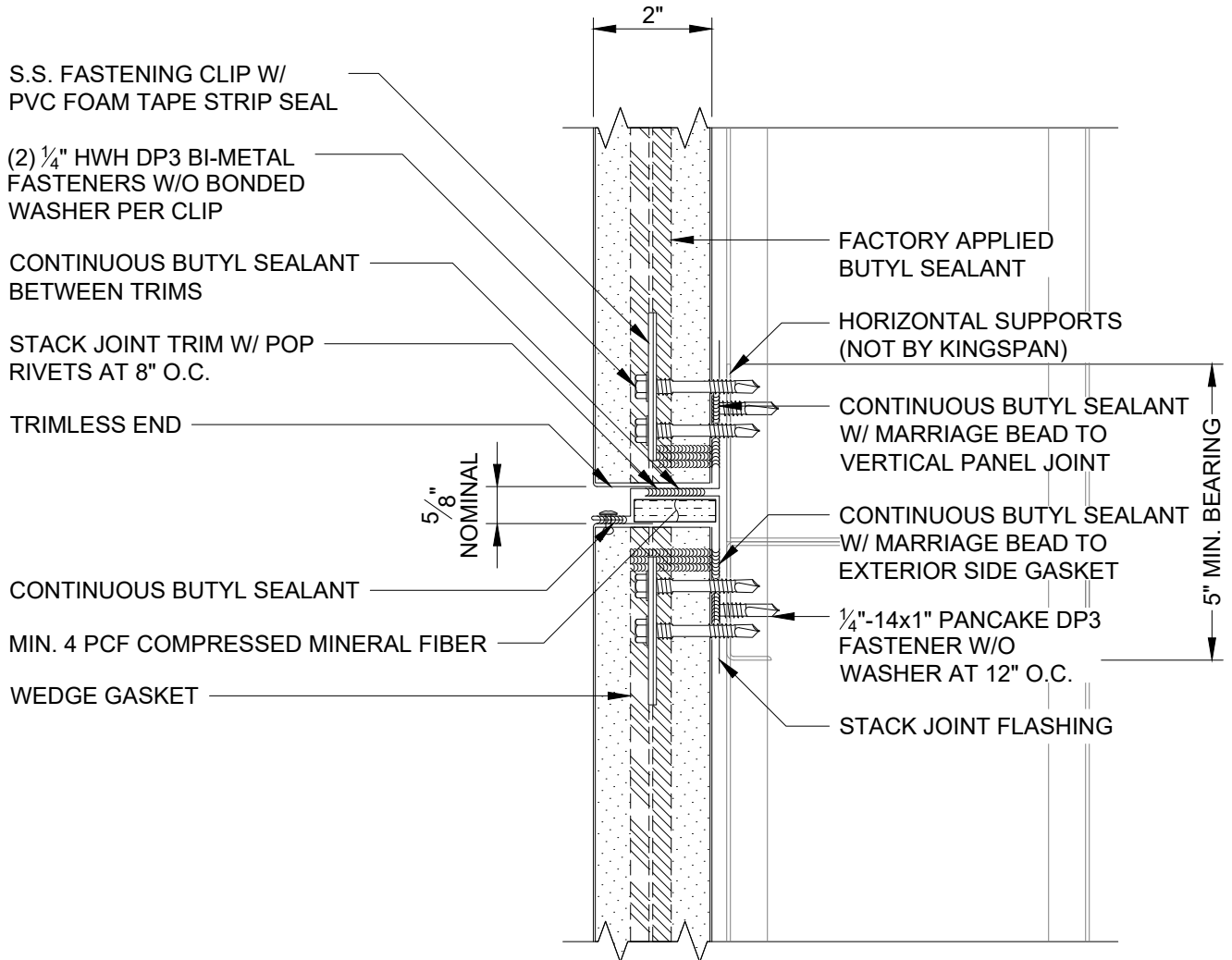


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2" VERTICAL
STACK JOINT

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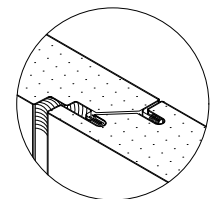
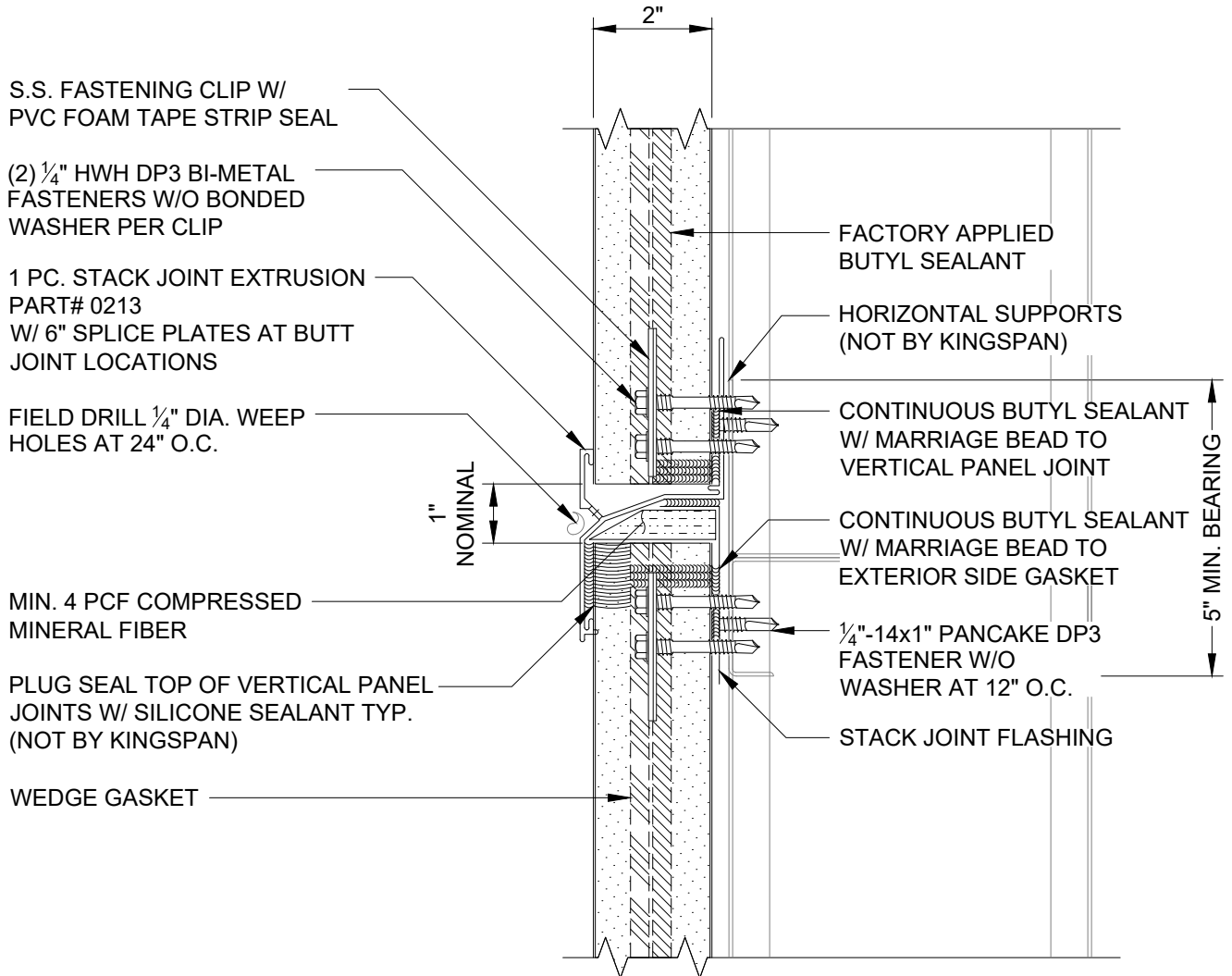


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DW 4000 - VERTICAL INSTALLATION

NOTE: FASTENER LENGTH VARIES
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REQUIREMENTS



PLUG SEAL LOCATION

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2" VERTICAL
STACK JOINT W/ EXTRUSION

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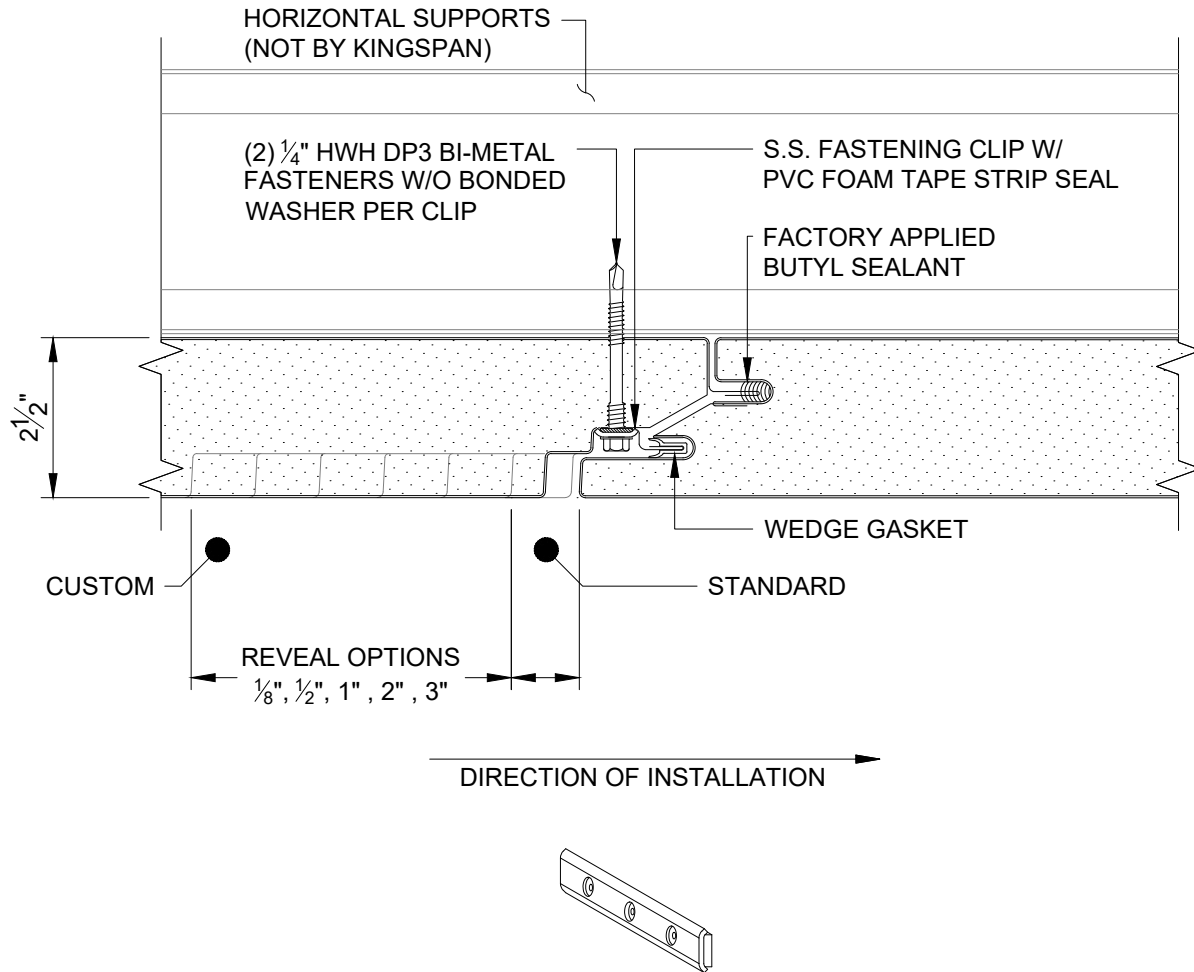
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DW 4000 - VERTICAL INSTALLATION

NOTE: FASTENER LENGTH VARIES
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REFER TO NFPA 285
COMPLIANCE TABLE
(BELOW) FOR
SHEATHING
REQUIREMENTS



FASTENING CLIP

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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 4000 (VERTICAL)	QUADCORE B	< 24"	NON-COMPLIANT PANEL	NON-COMPLIANT PANEL
DESIGNWALL 4000 (VERTICAL)	QUADCORE B	≥ 24"	NO THERMAL BARRIER REQUIRED	NO THERMAL BARRIER REQUIRED

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2 1/2" VERTICAL
PANEL JOINT

DETAIL #: AR-PJ-09-DW4V

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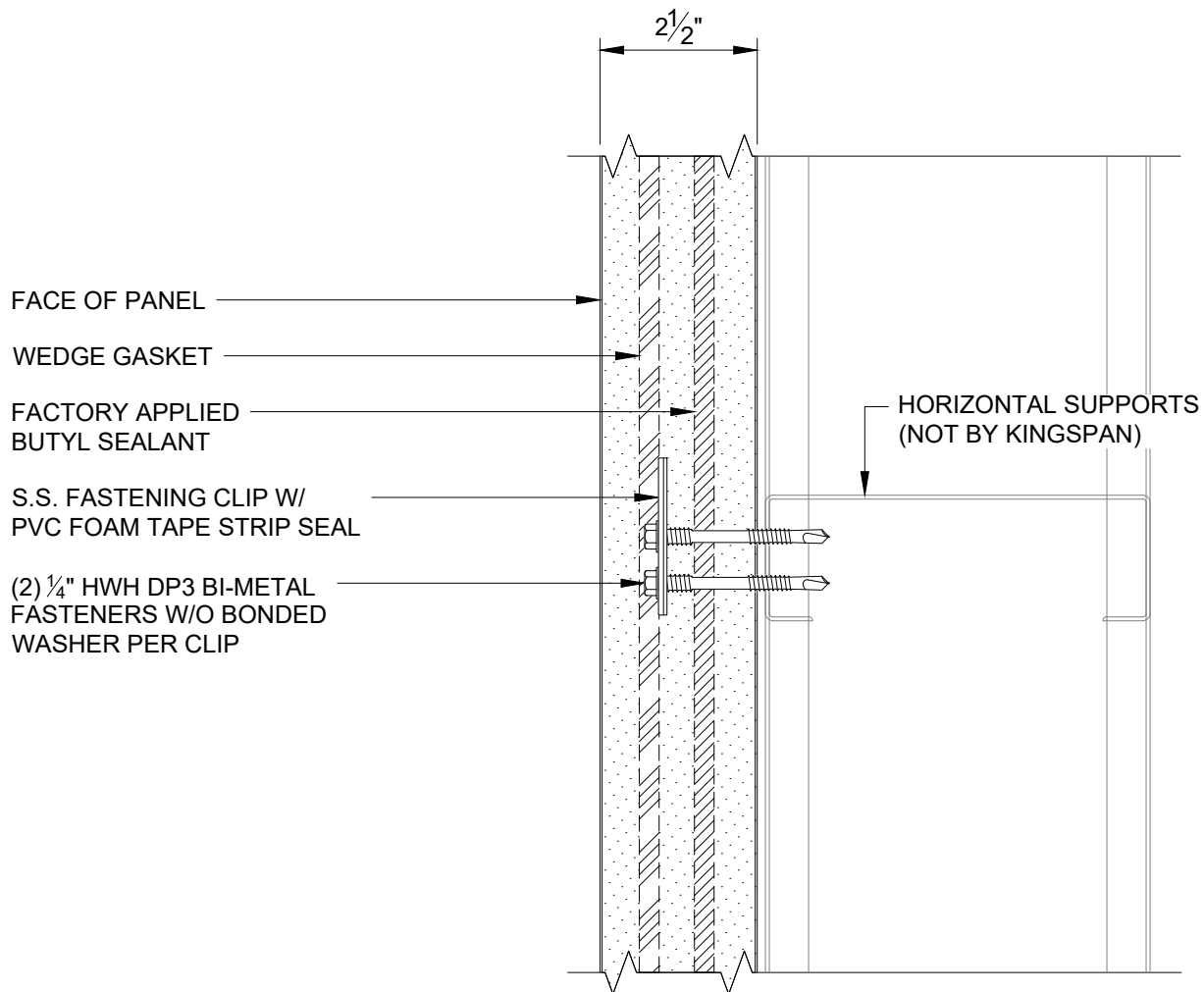
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2 1/2" VERTICAL
INTERMEDIATE SUPPORTS

DETAIL #: AR-PJ-10-DW4V

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REGION: NORTH AMERICA

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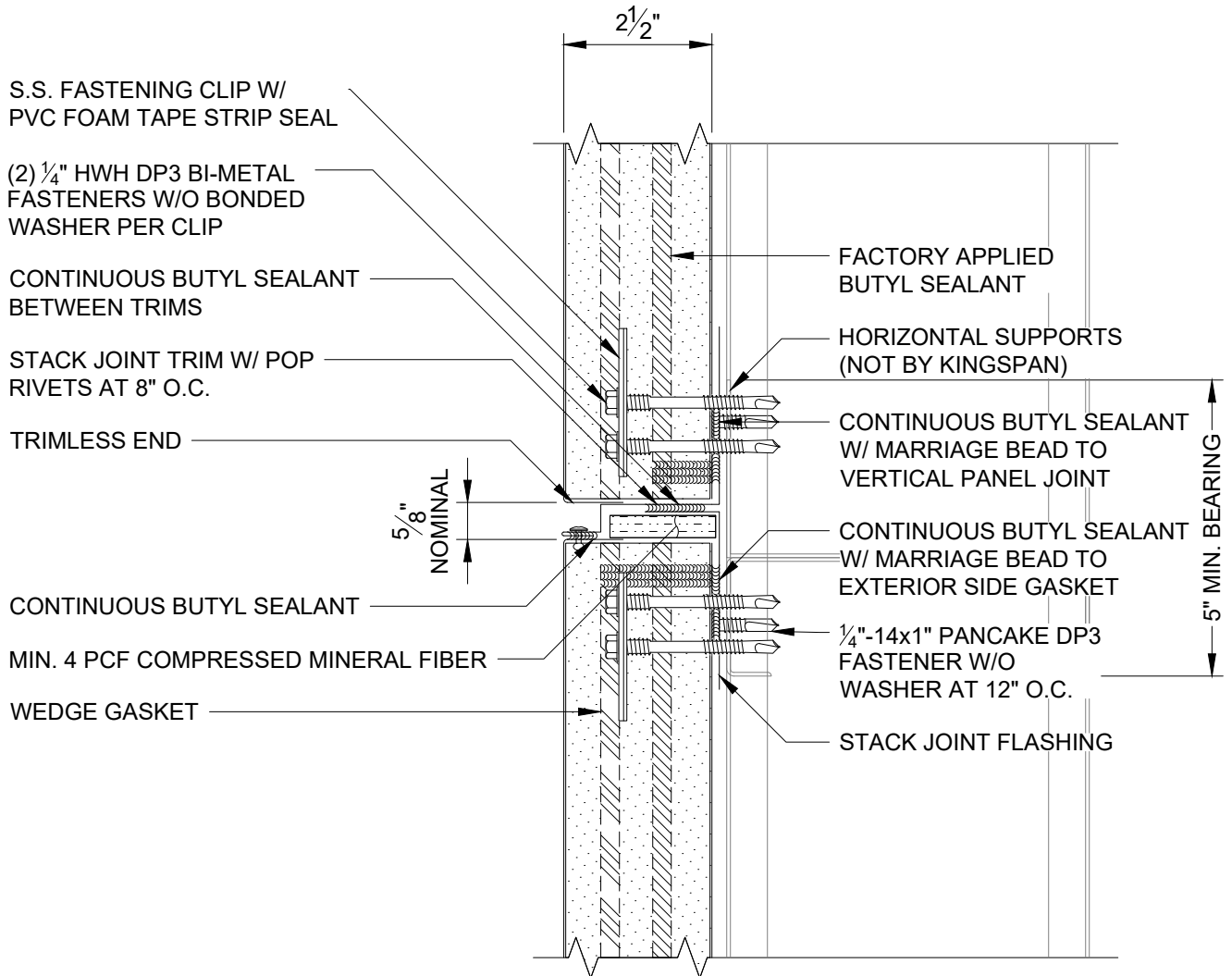


BENCHMARK™

DW 4000 - VERTICAL INSTALLATION

NOTE: FASTENER LENGTH VARIES
DEPENDING ON CONDITION

REFER TO
VERTICAL JOINT
DETAILS FOR
SHEATHING
REQUIREMENTS



REVISION	
REVISION #	DATE
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2 1/2" VERTICAL
STACK JOINT

DETAIL #: AR-SJ-03-DW4V

RELEASE: 2026

REGION: NORTH AMERICA

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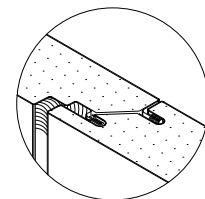
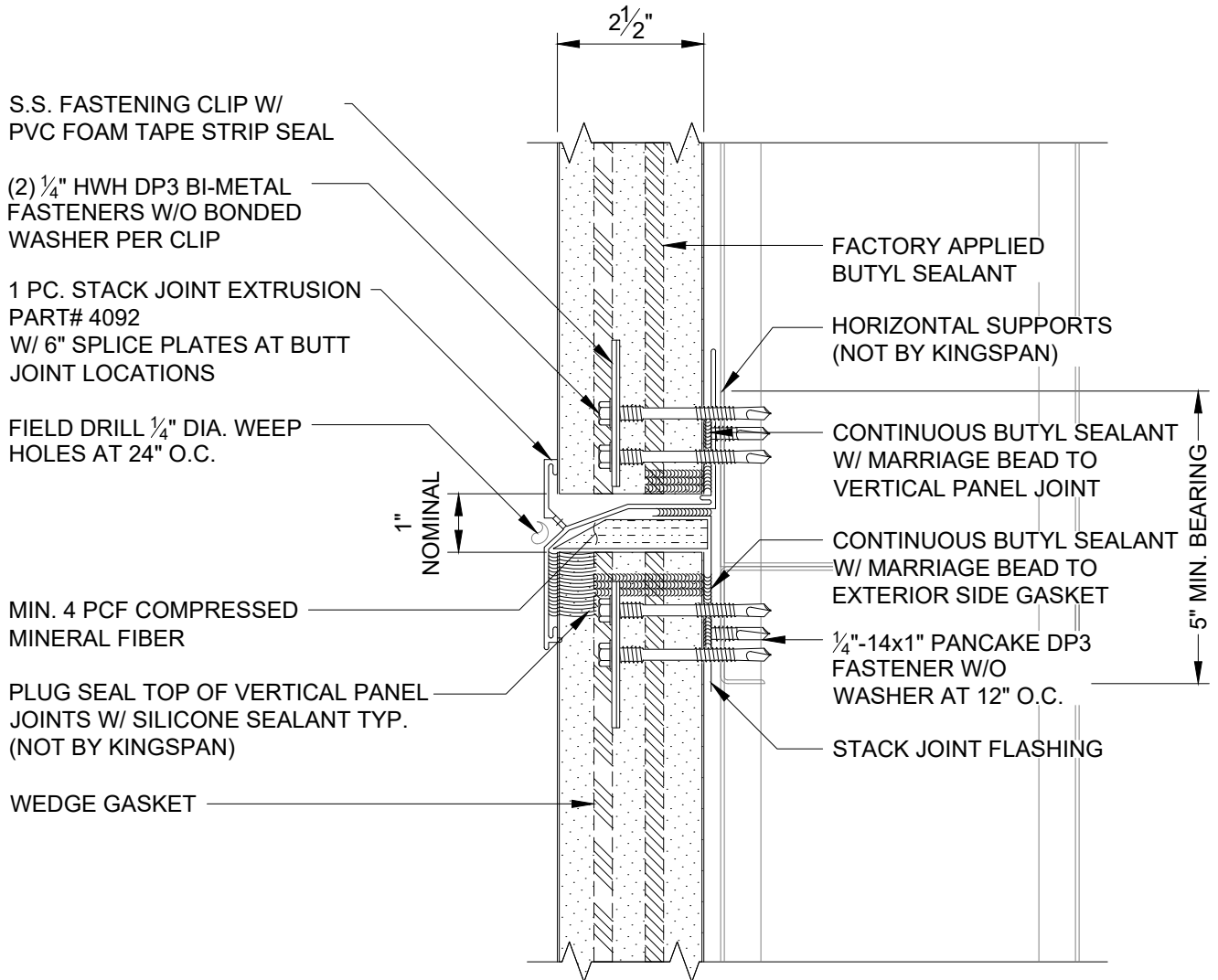


BENCHMARK™

DW 4000 - VERTICAL INSTALLATION

NOTE: FASTENER LENGTH VARIES
DEPENDING ON CONDITION

REFER TO
VERTICAL JOINT
DETAILS FOR
SHEATHING
REQUIREMENTS



PLUG SEAL LOCATION

REVISION	
REVISION #	DATE
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2 1/2" VERTICAL
STACK JOINT W/ EXTRUSION

DETAIL #: AR-SJ-04-DW4V

RELEASE: 2026

REGION: NORTH AMERICA

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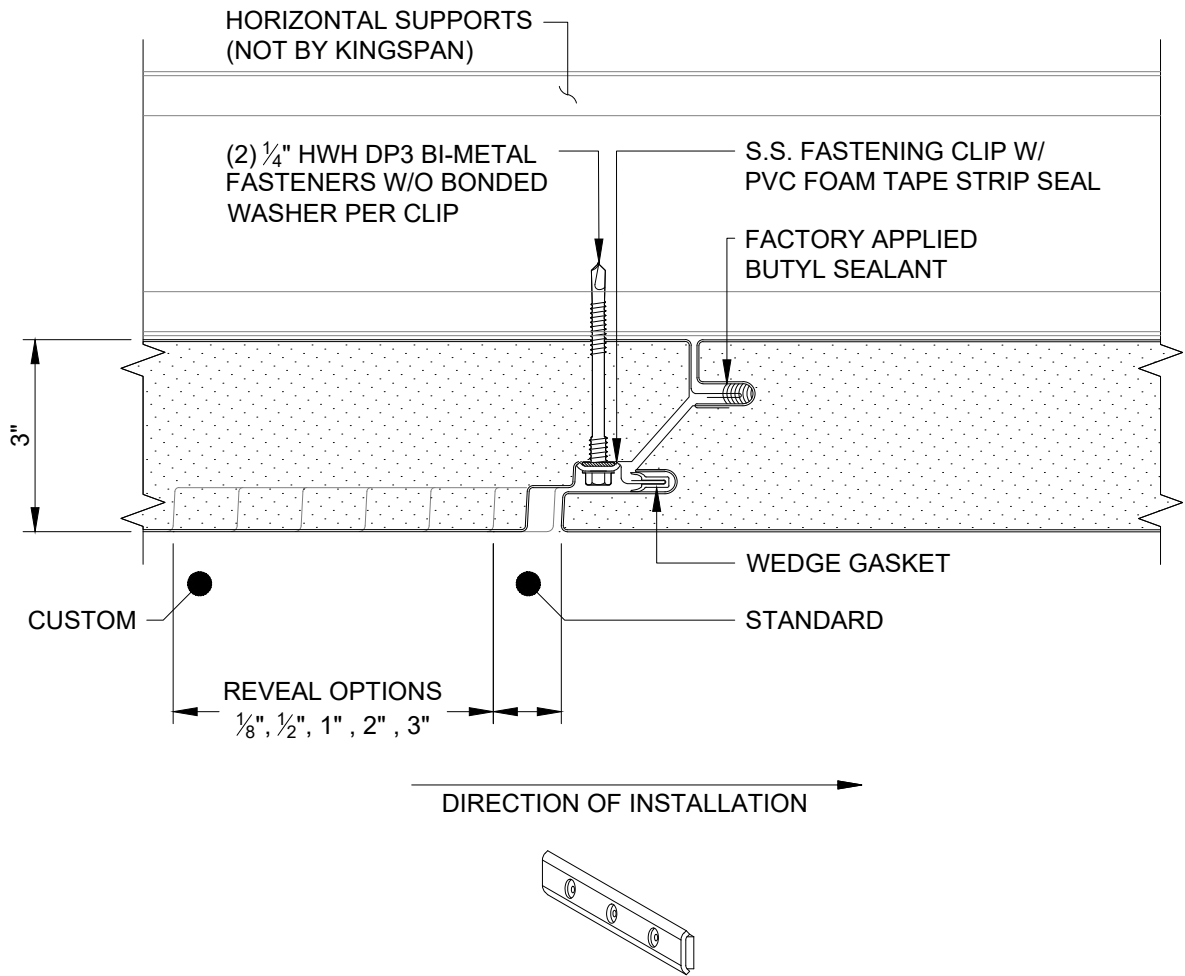
Kingspan

BENCHMARK™

DW 4000 - VERTICAL INSTALLATION

NOTE: FASTENER LENGTH VARIES
DEPENDING ON CONDITION

REFER TO NFPA 285
COMPLIANCE TABLE
(BELOW) FOR
SHEATHING
REQUIREMENTS



FASTENING CLIP

CONTACT KINGSPAN 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 4000 (VERTICAL)	QUADCORE B	< 24"	NON-COMPLIANT PANEL	NON-COMPLIANT PANEL
DESIGNWALL 4000 (VERTICAL)	QUADCORE B	≥ 24"	NO THERMAL BARRIER REQUIRED	NO THERMAL BARRIER REQUIRED

REVISION	
REVISION #	DATE
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3" VERTICAL
PANEL JOINT

DETAIL #: AR-PJ-11-DW4V

RELEASE: 2026

REGION: NORTH AMERICA

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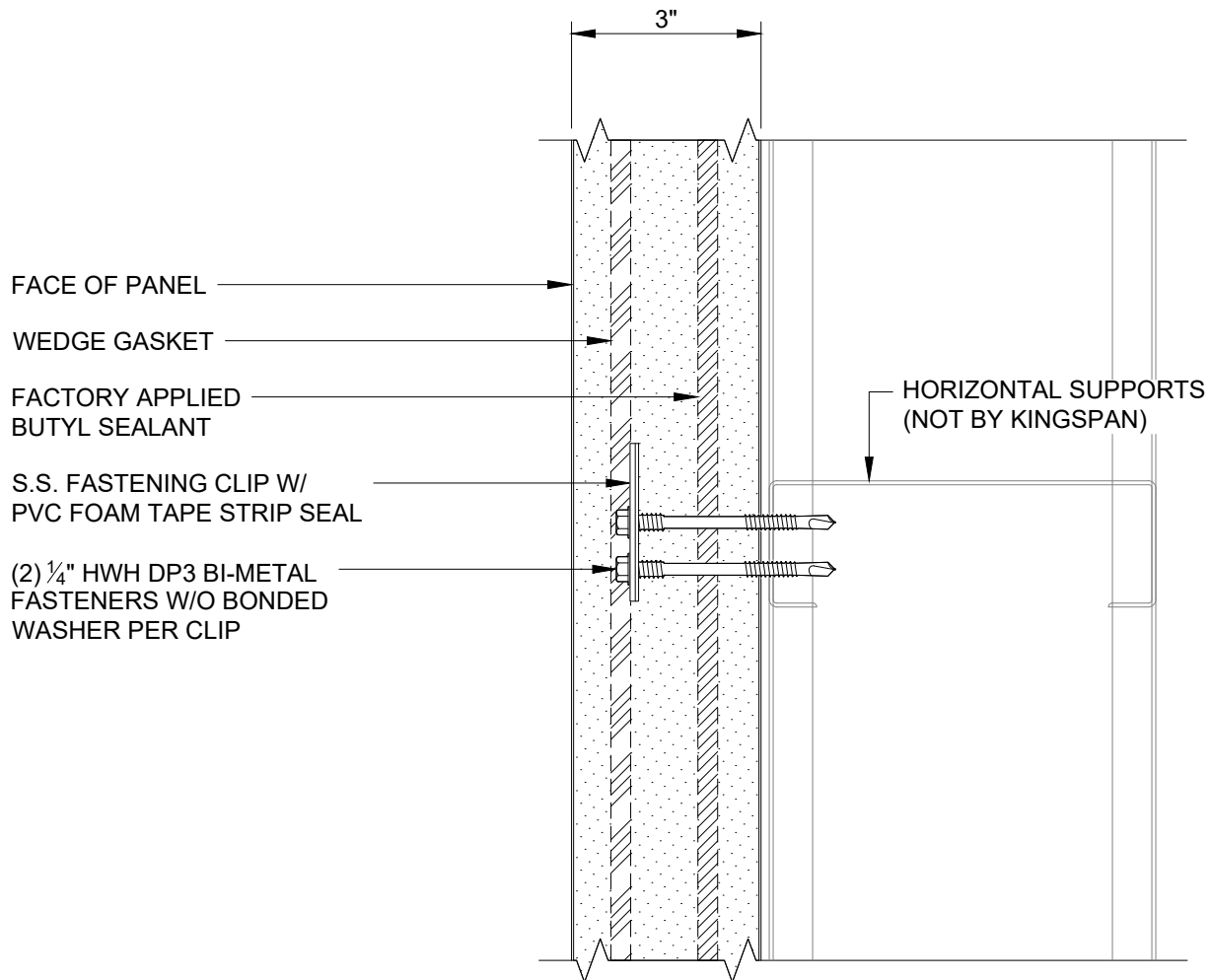


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DW 4000 - VERTICAL INSTALLATION

NOTE: FASTENER LENGTH VARIES
DEPENDING ON CONDITION

REFER TO
VERTICAL JOINT
DETAILS FOR
SHEATHING
REQUIREMENTS



REVISION	
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3" VERTICAL
INTERMEDIATE SUPPORTS

DETAIL #: AR-PJ-12-DW4V
RELEASE: 2026
REGION: NORTH AMERICA
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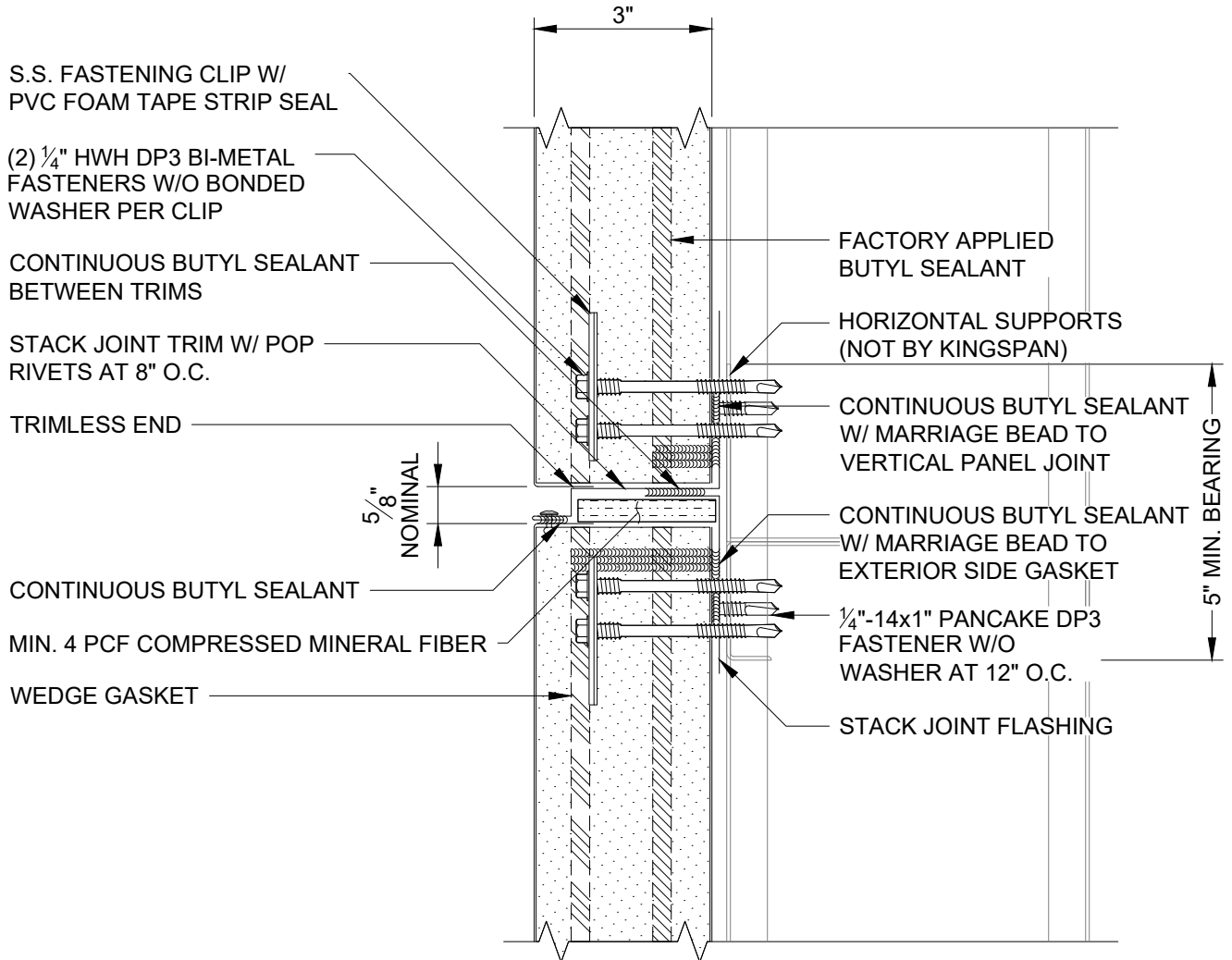


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DW 4000 - VERTICAL INSTALLATION

NOTE: FASTENER LENGTH VARIES
DEPENDING ON CONDITION

REFER TO
VERTICAL JOINT
DETAILS FOR
SHEATHING
REQUIREMENTS



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3" VERTICAL
STACK JOINT

DETAIL #: AR-SJ-05-DW4V

RELEASE: 2026

REGION: NORTH AMERICA

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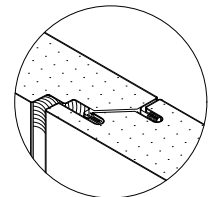
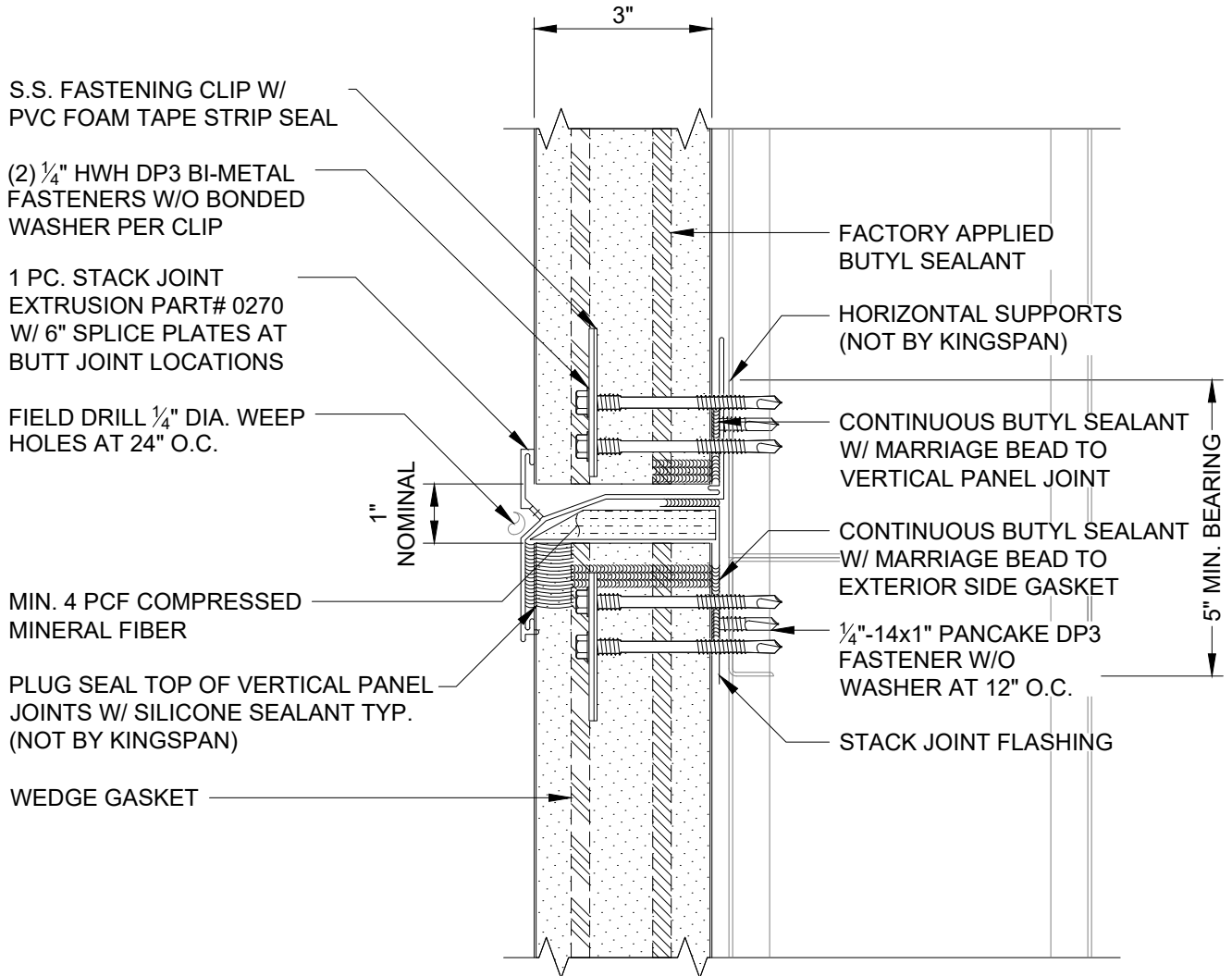


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DW 4000 - VERTICAL INSTALLATION

NOTE: FASTENER LENGTH VARIES
DEPENDING ON CONDITION

REFER TO
VERTICAL JOINT
DETAILS FOR
SHEATHING
REQUIREMENTS



PLUG SEAL LOCATION

REVISION	
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3" VERTICAL
STACK JOINT W/ EXTRUSION

DETAIL #: AR-SJ-06-DW4V

RELEASE: 2026

REGION: NORTH AMERICA

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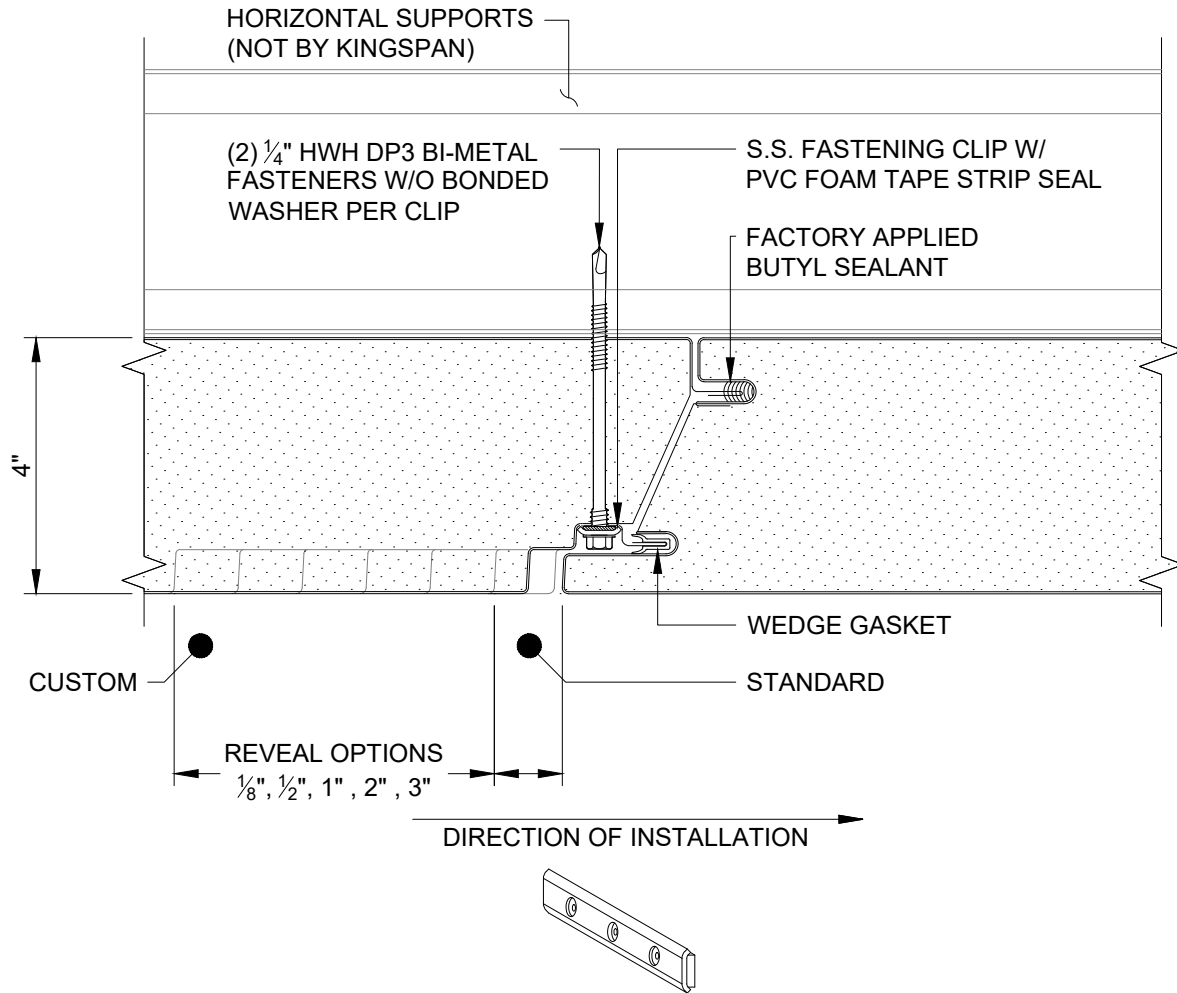


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DW 4000 - VERTICAL INSTALLATION

NOTE: FASTENER LENGTH VARIES
DEPENDING ON CONDITION

REFER TO NFPA 285
COMPLIANCE TABLE
(BELOW) FOR
SHEATHING
REQUIREMENTS



FASTENING CLIP

CONTACT KINGSPAN 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 4000 (VERTICAL)	QUADCORE B	< 24"	NON-COMPLIANT PANEL	NON-COMPLIANT PANEL
DESIGNWALL 4000 (VERTICAL)	QUADCORE B	≥ 24"	NO THERMAL BARRIER REQUIRED	NO THERMAL BARRIER REQUIRED

REVISION	
REVISION #	DATE
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4" VERTICAL
PANEL JOINT

DETAIL #: AR-PJ-13-DW4V

RELEASE: 2026

REGION: NORTH AMERICA

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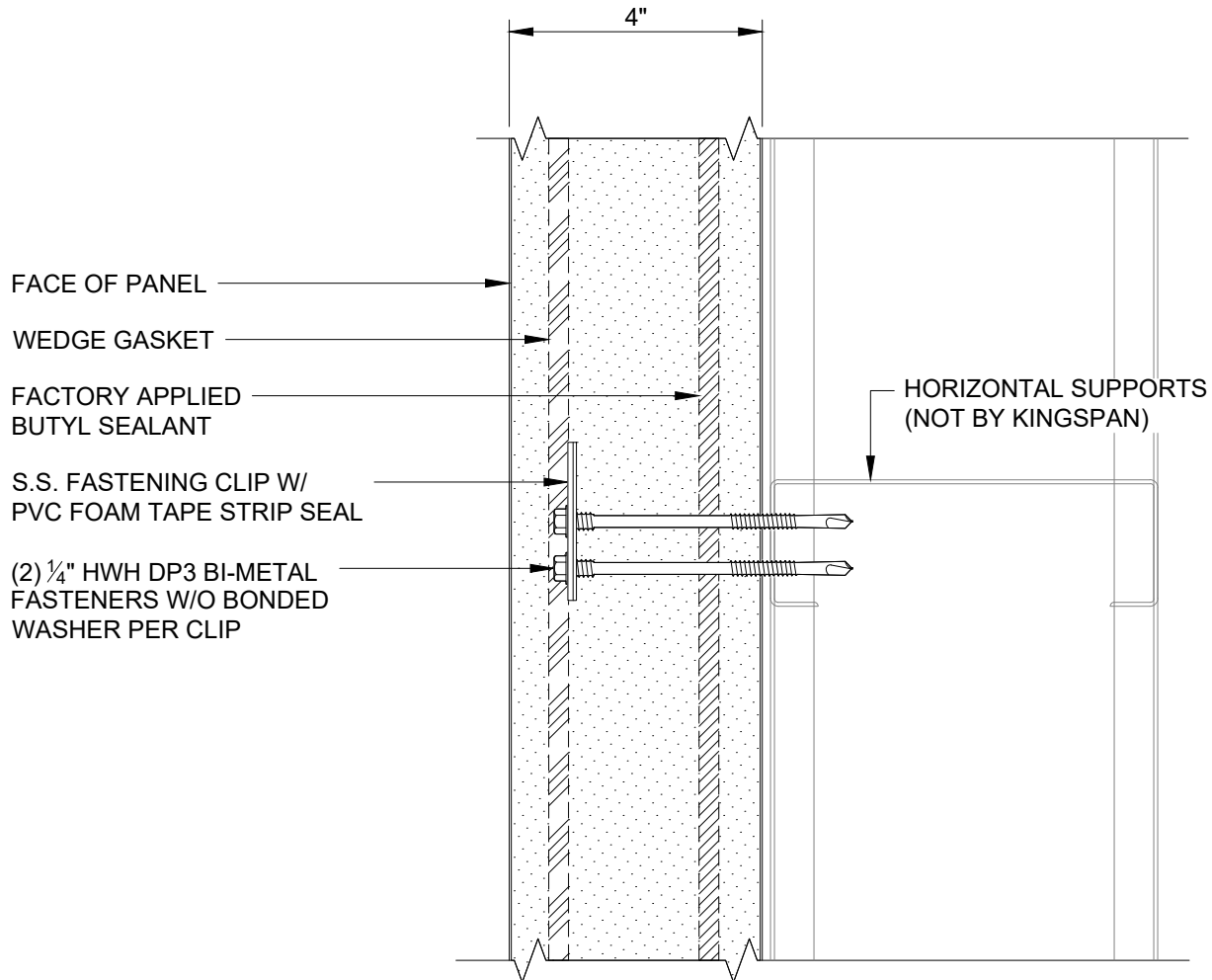


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DW 4000 - VERTICAL INSTALLATION

NOTE: FASTENER LENGTH VARIES
DEPENDING ON CONDITION

REFER TO
VERTICAL JOINT
DETAILS FOR
SHEATHING
REQUIREMENTS



REVISION

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4" VERTICAL
INTERMEDIATE SUPPORTS

DETAIL #: AR-PJ-14-DW4V

RELEASE: 2026

REGION: NORTH AMERICA

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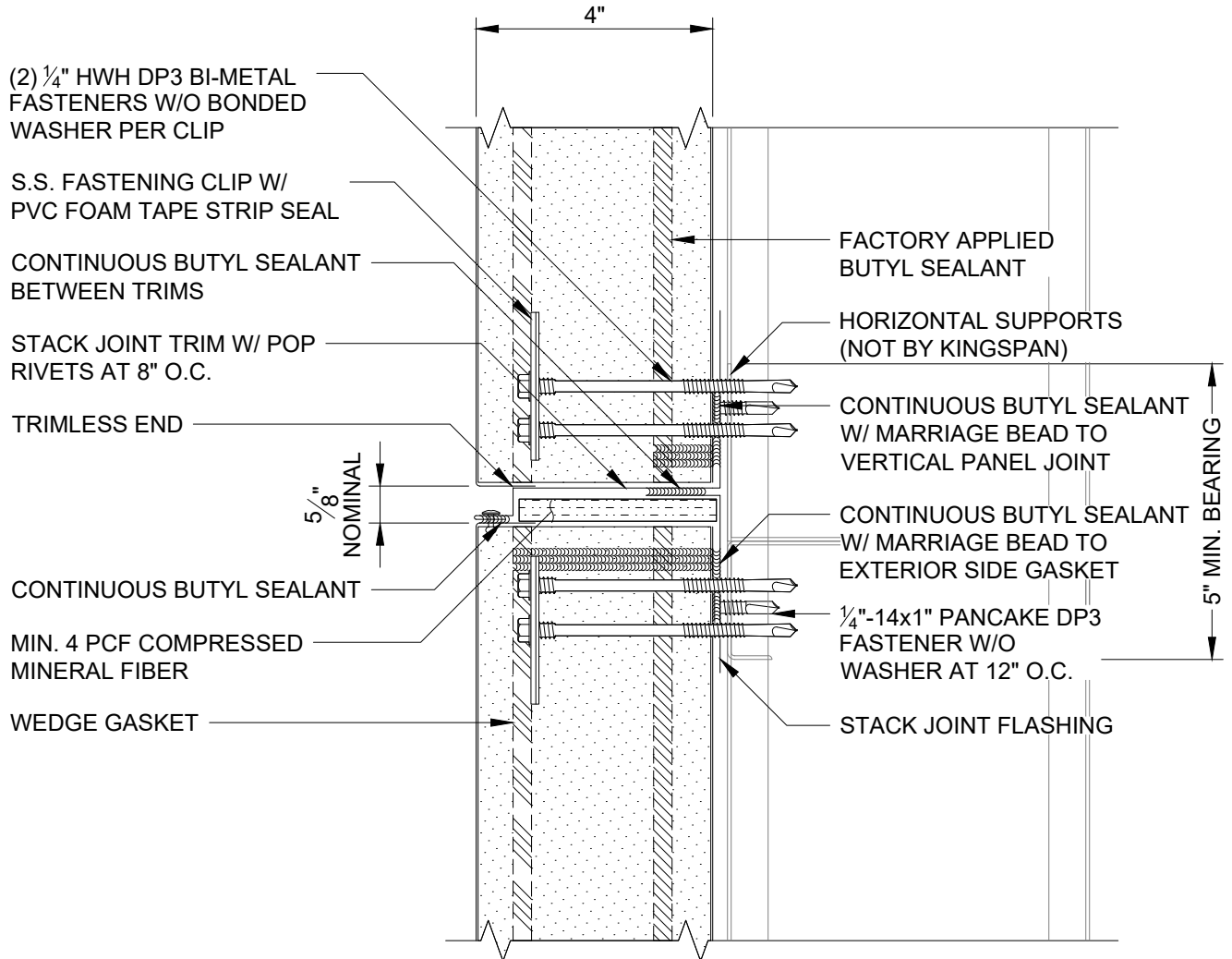
Kingspan.

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DW 4000 - VERTICAL INSTALLATION

NOTE: FASTENER LENGTH VARIES
DEPENDING ON CONDITION

REFER TO
VERTICAL JOINT
DETAILS FOR
SHEATHING
REQUIREMENTS



REVISION

REVISION #	DATE
3	6/5/26

4" VERTICAL
STACK JOINT

DETAIL #: AR-SJ-07-DW4V

RELEASE: 2026

REGION: NORTH AMERICA

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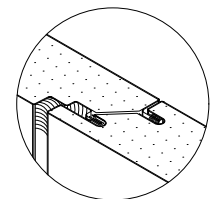
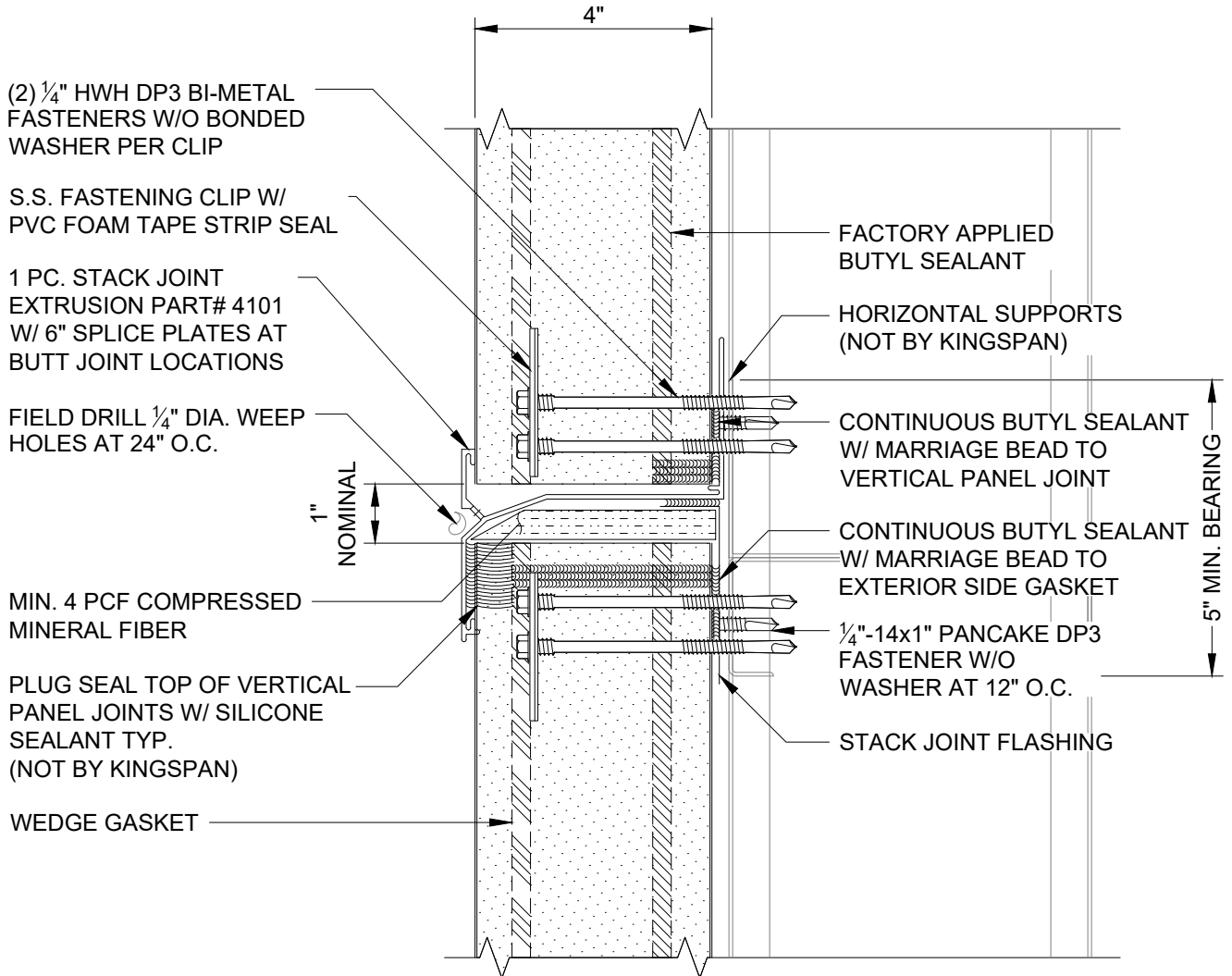
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DW 4000 - VERTICAL INSTALLATION

NOTE: FASTENER LENGTH VARIES
DEPENDING ON CONDITION

REFER TO
VERTICAL JOINT
DETAILS FOR
SHEATHING
REQUIREMENTS



PLUG SEAL LOCATION

REVISION	
REVISION #	DATE
3	6/5/26

4" VERTICAL
STACK JOINT W/ EXTRUSION

DETAIL #: AR-SJ-08-DW4V

RELEASE: 2026

REGION: NORTH AMERICA

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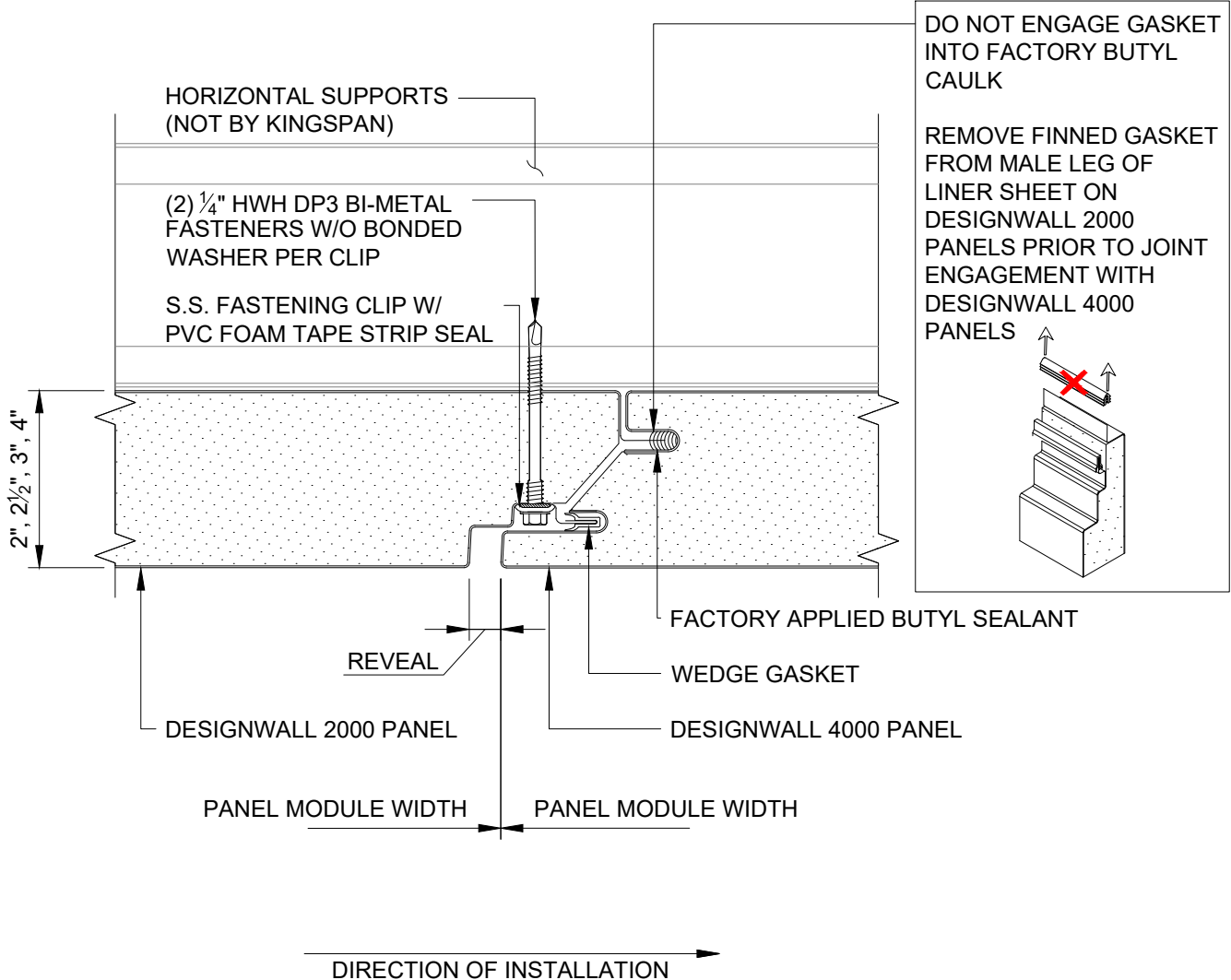
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DW 4000 - VERTICAL INSTALLATION

NOTE: FASTENER LENGTH VARIES
DEPENDING ON CONDITION

REFER TO
VERTICAL JOINT
DETAILS FOR
SHEATHING
REQUIREMENTS



REVISION	
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DW2000-V TO DW4000-V
INTEGRATION

DETAIL #: AR-PJ-15-DW4V

RELEASE: 2026

REGION: NORTH AMERICA

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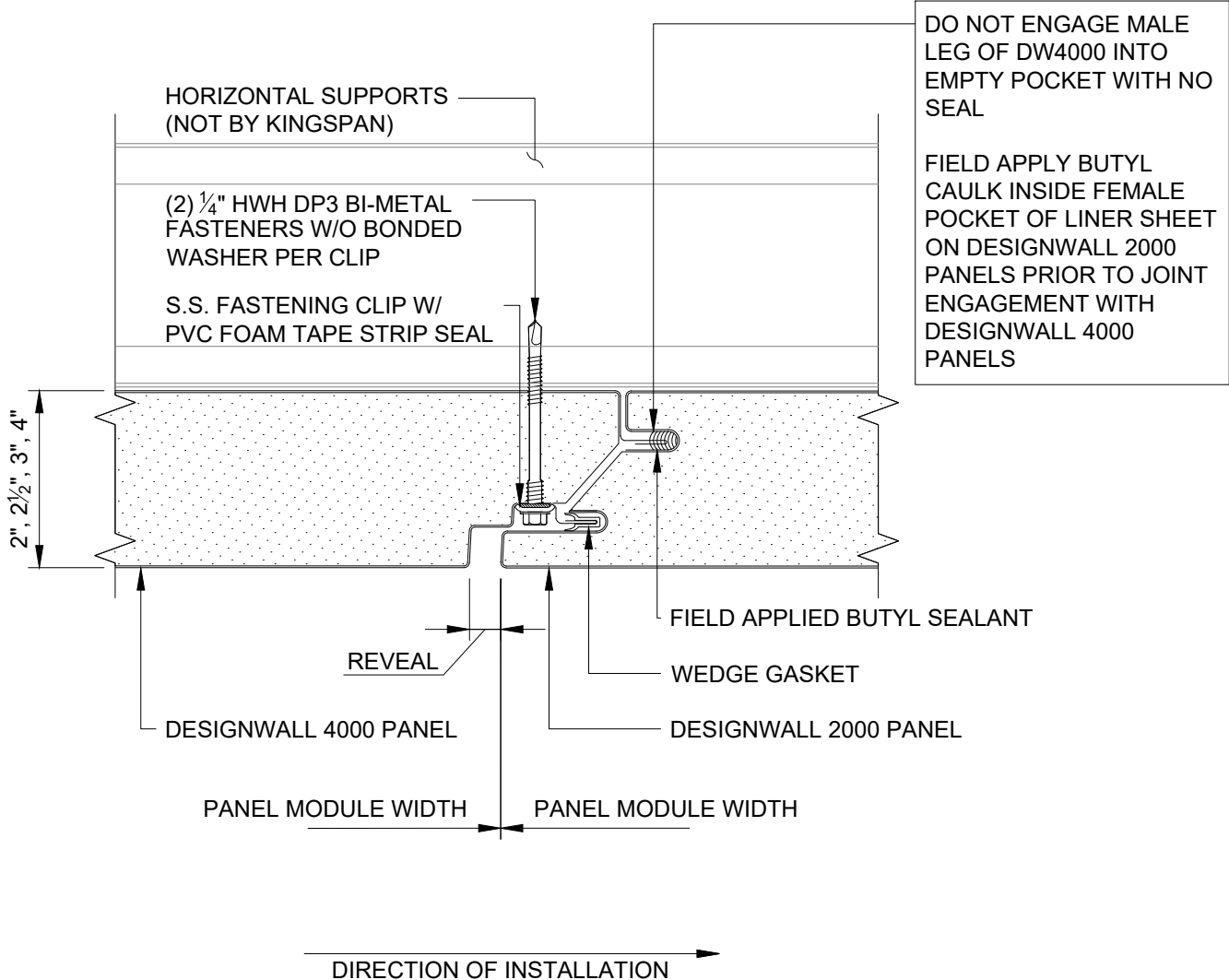


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DW 4000 - VERTICAL INSTALLATION

NOTE: FASTENER LENGTH VARIES
DEPENDING ON CONDITION

REFER TO
VERTICAL JOINT
DETAILS FOR
SHEATHING
REQUIREMENTS



REVISION	
REVISION #	DATE
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DW4000-V TO DW2000-V
INTEGRATION

DETAIL #: AR-PJ-16-DW4V

RELEASE: 2026

REGION: NORTH AMERICA

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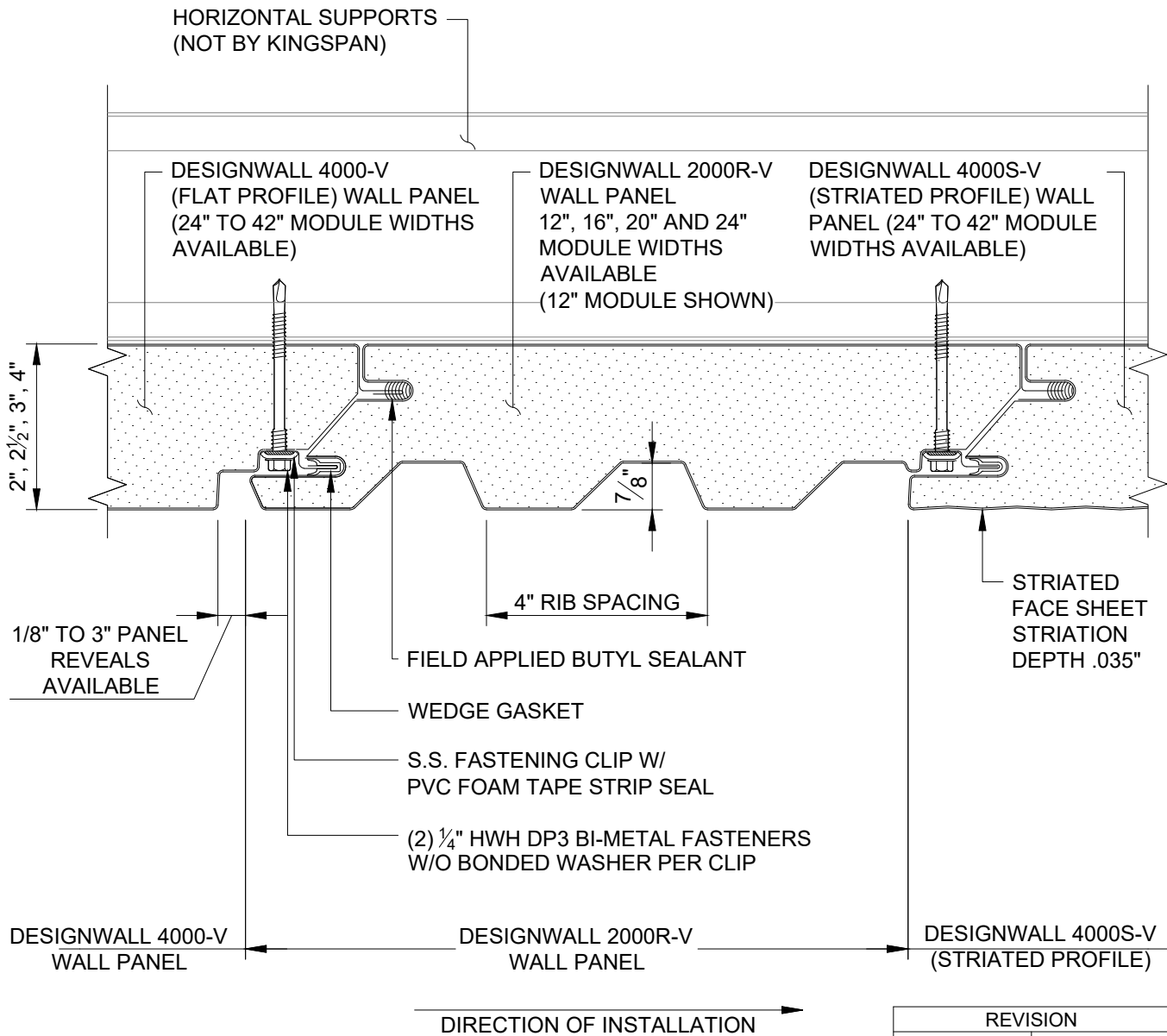


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DW 4000 - VERTICAL INSTALLATION

NOTE: FASTENER LENGTH VARIES
DEPENDING ON CONDITION

REFER TO
VERTICAL JOINT
DETAILS FOR
SHEATHING
REQUIREMENTS



REVISION	
REVISION #	DATE
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DW4000-V - DW2000R-V - DW4000S-V
INTEGRATION

DETAIL #: AR-PJ-17-DW4V

RELEASE: 2026

REGION: NORTH AMERICA

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DW 4000 - VERTICAL INSTALLATION

NOTE: FASTENER LENGTH VARIES
DEPENDING ON CONDITION

NOTE: ALWAYS ATTACH VERTICALLY INSTALLED
PANELS TO HORIZONTALLY ORIENTED SUPPORTS

REFER TO
VERTICAL JOINT
DETAILS FOR
SHEATHING
REQUIREMENTS

NOTE: TRANSITION DETAILS REQUIRE
SUPPORT TO RUN PERPENDICULAR TO
PANEL ORIENTATION

VERTICAL SUPPORTS
(NOT BY KINGSPAN)

CONTINUOUS BUTYL SEALANT
ON BOTH SIDES OF TRANSITION
FLASHING W/ MARRIAGE BEAD
TO EXTERIOR SIDE GASKET

MIN. 24 GA. CONTINUOUS MENDING
PLATE W/ 1/4"-14x1" PANCAKE DP3
FASTENER W/O WASHER AT 12" O.C.

TRANSITION FLASHING
W/ 1/4"-14x1" PANCAKE DP3
FASTENER W/O WASHER
AT 12" O.C.

FACTORY APPLIED BUTYL
SEALANT

HORIZONTAL SUPPORTS
(NOT BY KINGSPAN)

1/4"-14x1" HWH FASTENERS
W/O WASHER AT 12" O.C.

CONTINUOUS BUTYL SEALANT
BETWEEN EXTRUSION AND TRIM

CONTINUOUS BUTYL SEALANT
BETWEEN PANEL AND EXTRUSION

FACTORY APPLIED BUTYL
SEALANT

2", 2 1/2", 3", 4"

DW4000-H
(HORIZONTALLY INSTALLED)

WEDGE GASKET

S.S. FASTENING CLIP W/
PVC FOAM TAPE STRIP SEAL

(2) 1/4" HWH DP3 BI-METAL FASTENERS
W/O BONDED WASHER PER CLIP

TRIMLESS END

FACTORY APPLIED BUTYL SEALANT

DW4000-V
(VERTICALLY INSTALLED)

FINNED GASKET

MIN. 4 PCF COMPRESSED
MINERAL FIBER

CONCEALED BASE EXTRUSION
2" PANEL - PART #3592
2 1/2" PANEL - PART #3593
3" PANEL - PART #3594
4" PANEL - PART #3595

REVISION

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DW4000-H TO DW4000-V
INTEGRATION

DETAIL #: AR-PJ-18-DW4V

RELEASE: 2026

REGION: NORTH AMERICA

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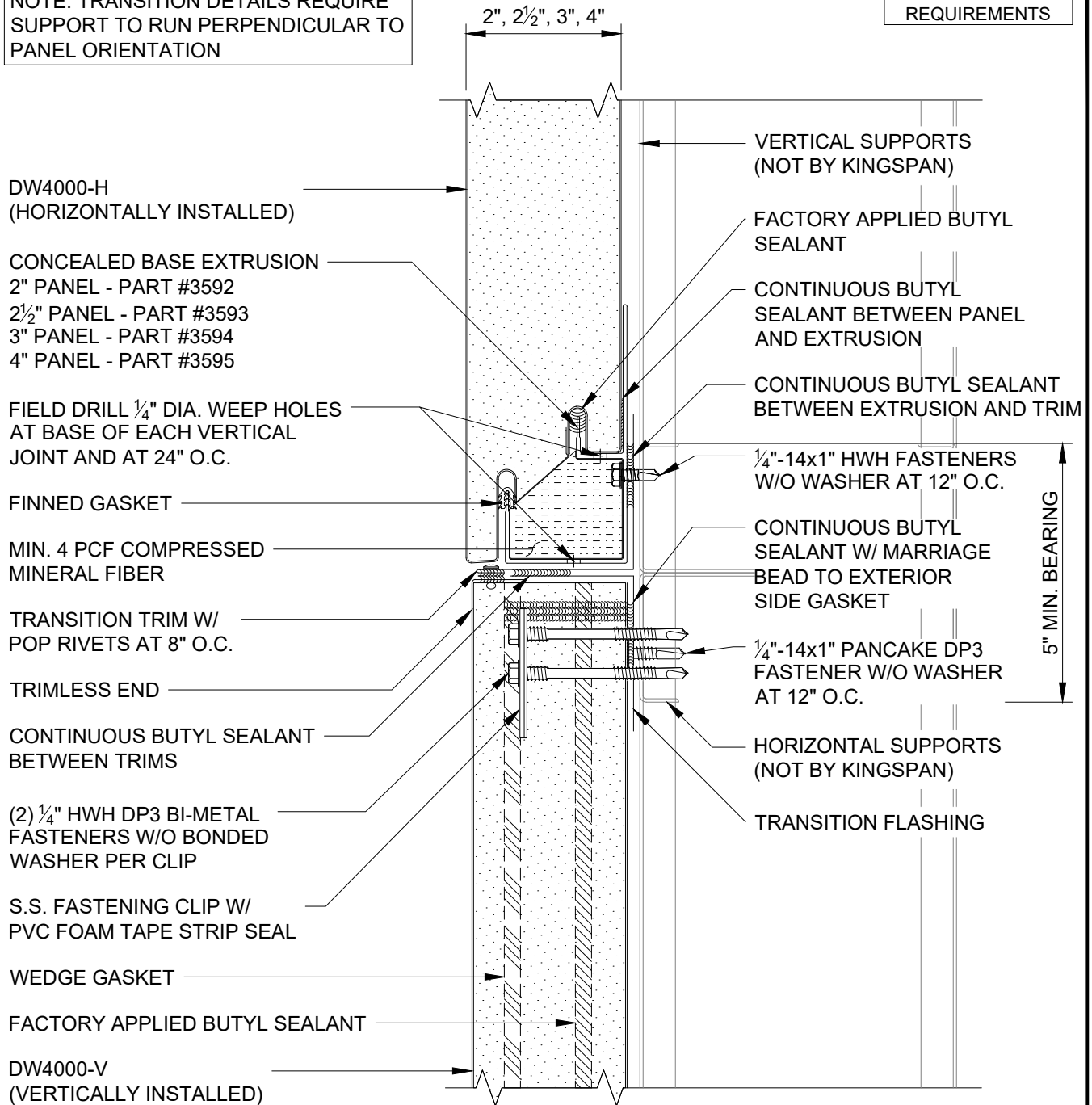
BENCHMARK™

DW 4000 - VERTICAL INSTALLATION

NOTE: FASTENER LENGTH VARIES
DEPENDING ON CONDITION

NOTE: TRANSITION DETAILS REQUIRE
SUPPORT TO RUN PERPENDICULAR TO
PANEL ORIENTATION

REFER TO
VERTICAL JOINT
DETAILS FOR
SHEATHING
REQUIREMENTS



REVISION

REVISION #	DATE
3	6/5/26

DW4000-V TO DW4000-H
STACK JOINT

DETAIL #: AR-SJ-09-DW4V

RELEASE: 2026

REGION: NORTH AMERICA

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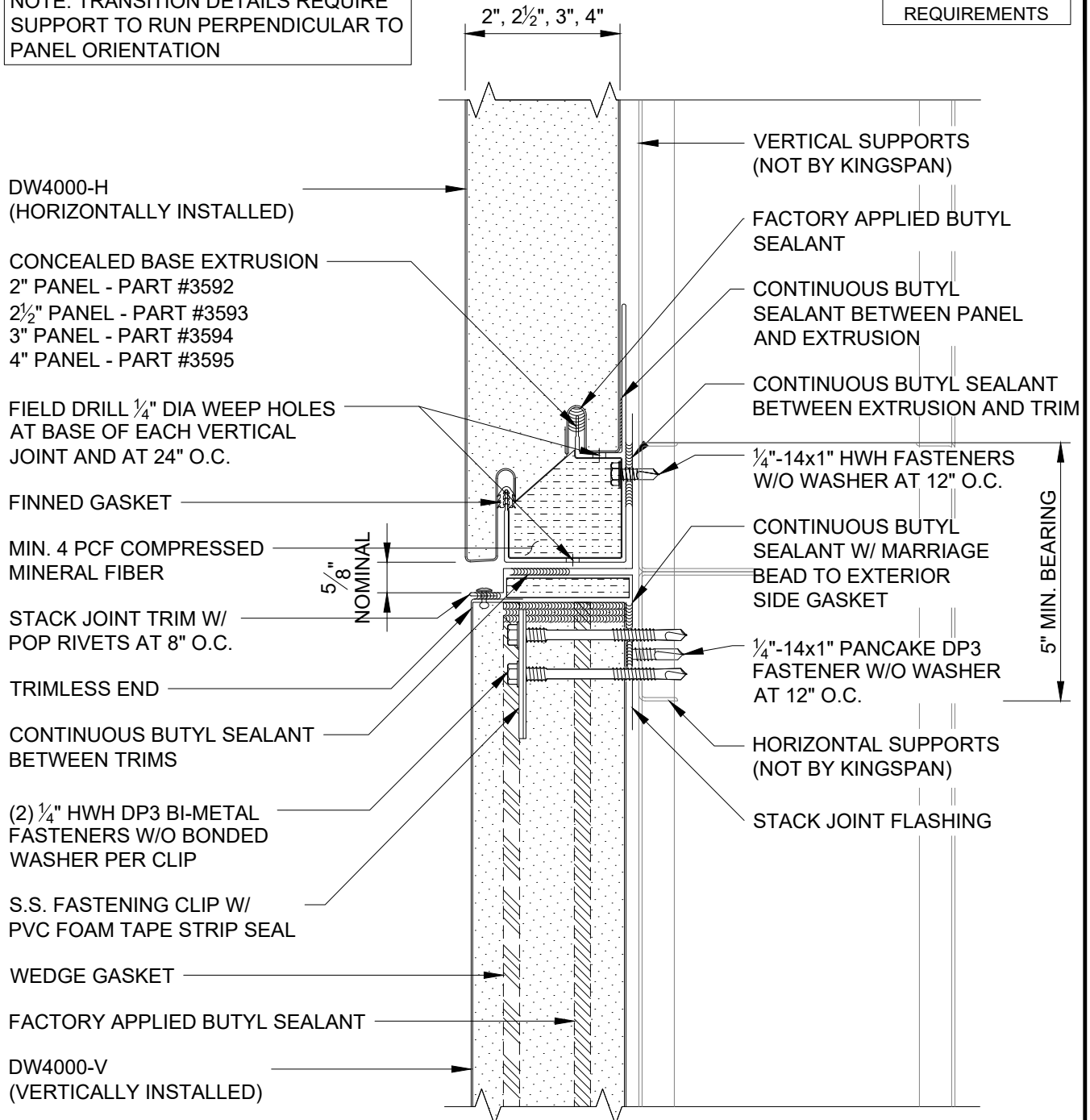
BENCHMARK™

DW 4000 - VERTICAL INSTALLATION

NOTE: FASTENER LENGTH VARIES
DEPENDING ON CONDITION

NOTE: TRANSITION DETAILS REQUIRE
SUPPORT TO RUN PERPENDICULAR TO
PANEL ORIENTATION

REFER TO
VERTICAL JOINT
DETAILS FOR
SHEATHING
REQUIREMENTS



REVISION

REVISION #	DATE
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DW4000-V TO DW4000-H
STACK JOINT
(REVEAL)

DETAIL #: AR-SJ-10-DW4V

RELEASE: 2026

REGION: NORTH AMERICA

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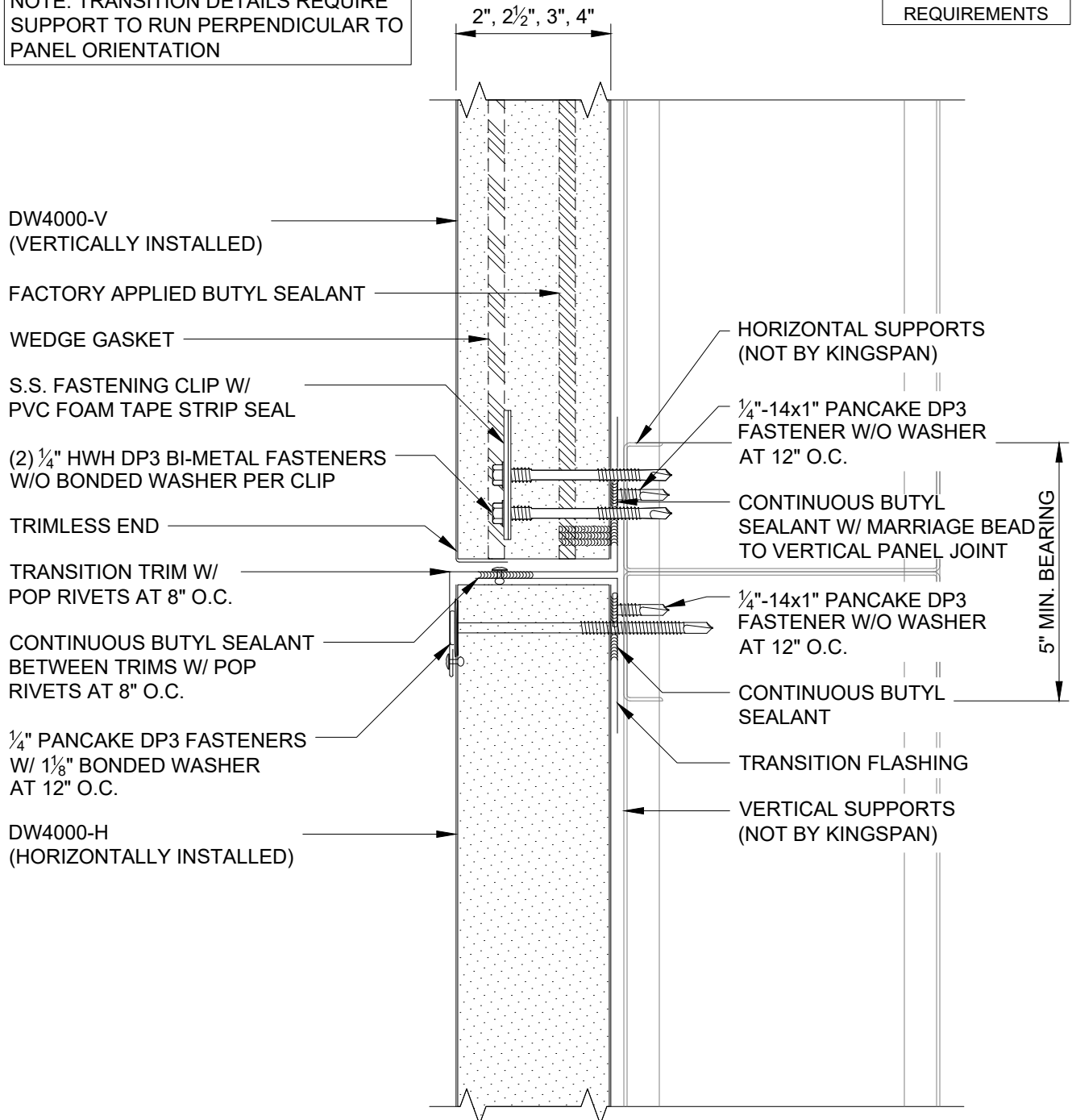
BENCHMARK™

DW 4000 - VERTICAL INSTALLATION

NOTE: FASTENER LENGTH VARIES
DEPENDING ON CONDITION

NOTE: TRANSITION DETAILS REQUIRE
SUPPORT TO RUN PERPENDICULAR TO
PANEL ORIENTATION

REFER TO
VERTICAL JOINT
DETAILS FOR
SHEATHING
REQUIREMENTS



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DW4000-H TO DW4000-V
STACK JOINT

DETAIL #: AR-SJ-11-DW4V
RELEASE: 2026
REGION: NORTH AMERICA
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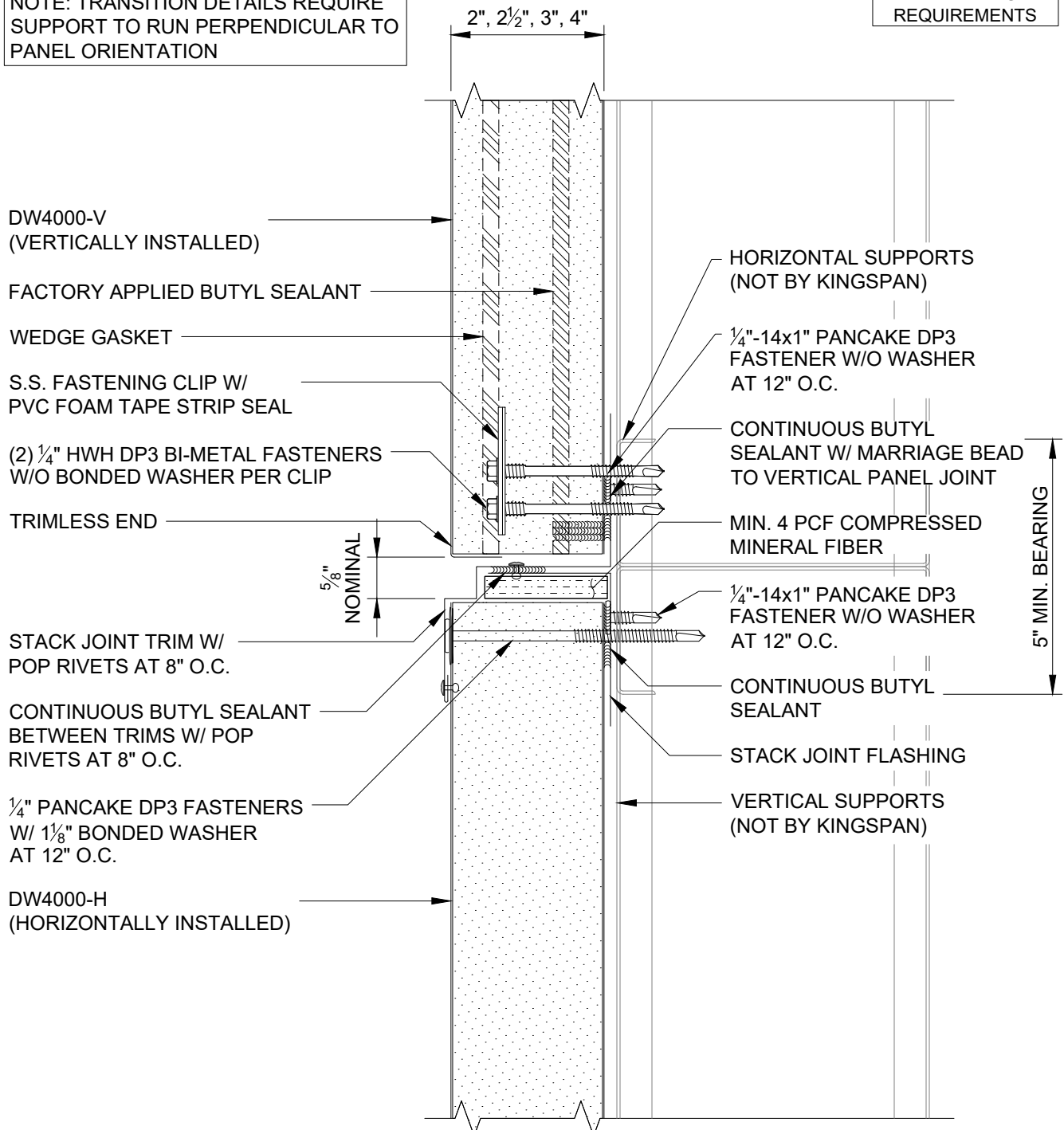
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DW 4000 - VERTICAL INSTALLATION

NOTE: FASTENER LENGTH VARIES
DEPENDING ON CONDITION

NOTE: TRANSITION DETAILS REQUIRE
SUPPORT TO RUN PERPENDICULAR TO
PANEL ORIENTATION

REFER TO
VERTICAL JOINT
DETAILS FOR
SHEATHING
REQUIREMENTS



REVISION	
REVISION #	DATE
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DW4000-H TO DW4000-V
STACK JOINT
(REVEAL)

DETAIL #: AR-SJ-12-DW4V

RELEASE: 2026

REGION: NORTH AMERICA

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DW 4000 - VERTICAL INSTALLATION

NOTE: FASTENER LENGTH VARIES
DEPENDING ON CONDITION

NOTE: TRANSITION DETAILS REQUIRE
SUPPORT TO RUN PERPENDICULAR TO
PANEL ORIENTATION

REFER TO
VERTICAL JOINT
DETAILS FOR
SHEATHING
REQUIREMENTS

DW4000-V
(VERTICALLY INSTALLED)

FACTORY APPLIED BUTYL SEALANT

WEDGE GASKET

S.S. FASTENING CLIP W/
PVC FOAM TAPE STRIP SEAL

(2) 1/4" HWH DP3 BI-METAL FASTENERS
W/O BONDED WASHER PER CLIP

1 PC. STACK JOINT EXTRUSION
W/ 6" SPLICE PLATES AT BUTT
JOINT LOCATIONS

2" PANEL - PART #0213

2 1/2" PANEL - PART #4092

3" PANEL - PART #0270

4" PANEL - PART #4101

FIELD DRILL 1/4" DIA. WEEP
HOLES AT 24" O.C.

MIN. 4 PCF COMPRESSED
MINERAL FIBER

CONTINUOUS SILICONE
SEALANT

1/4" PANCAKE DP3 FASTENERS
W/ 1 1/8" BONDED WASHER
AT 12" O.C.

DW4000-H
(HORIZONTALLY INSTALLED)

2", 2 1/2", 3", 4"

HORIZONTAL SUPPORTS
(NOT BY KINGSPAN)

1/4"-14x1" PANCAKE DP3
FASTENER W/O WASHER
AT 12" O.C.

CONTINUOUS BUTYL
SEALANT W/ MARRIAGE BEAD
TO VERTICAL PANEL JOINT

1/4"-14x1" PANCAKE DP3
FASTENER W/O WASHER
AT 12" O.C.

CONTINUOUS BUTYL
SEALANT

STACK JOINT FLASHING

VERTICAL SUPPORTS
(NOT BY KINGSPAN)

5" MIN. BEARING

1"
NOMINAL

REVISION

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DW4000-H TO DW4000-V
STACK JOINT W/ EXTRUSION

DETAIL #: AR-SJ-13-DW4V

RELEASE: 2026

REGION: NORTH AMERICA

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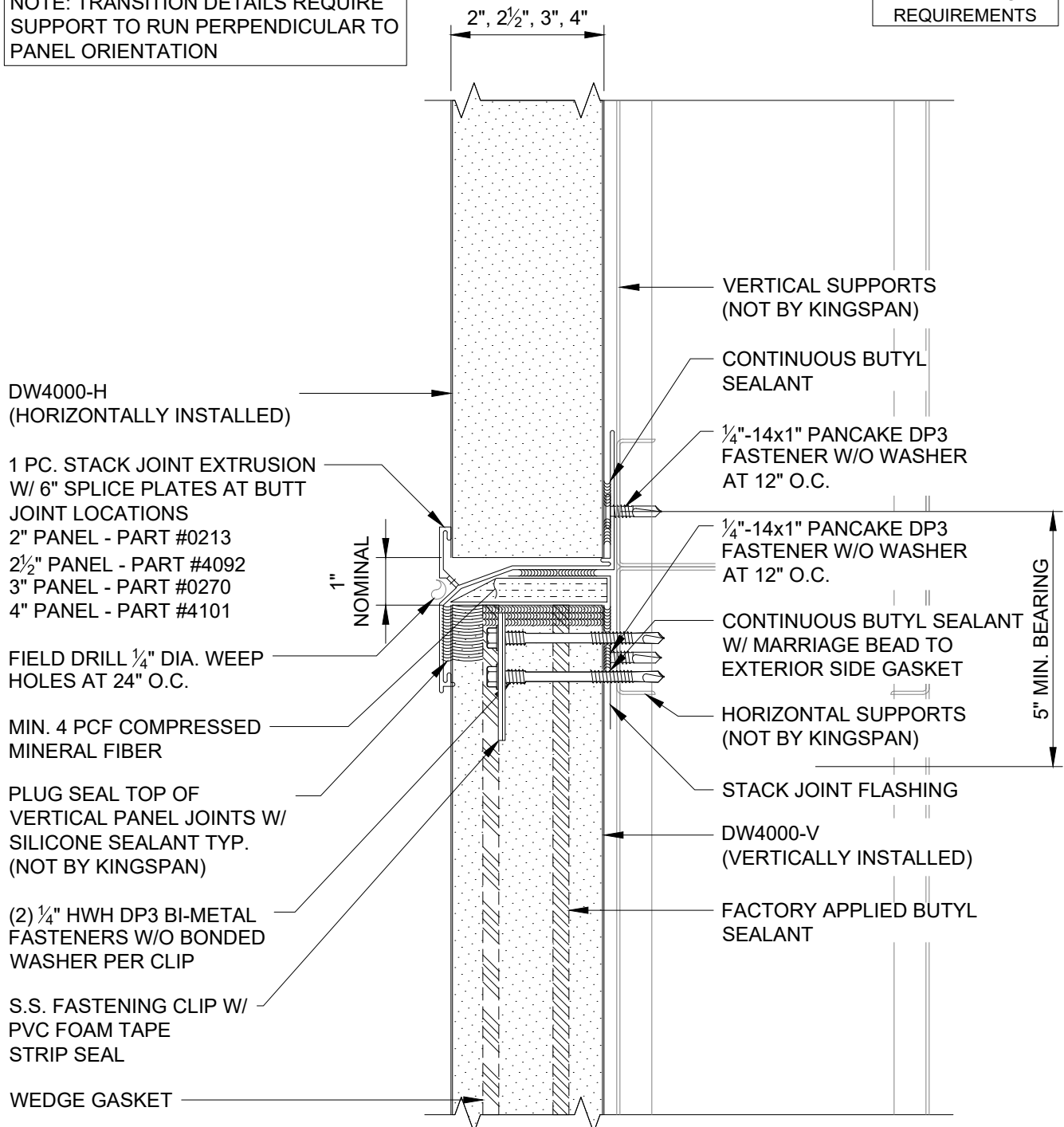
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DW 4000 - VERTICAL INSTALLATION

NOTE: FASTENER LENGTH VARIES
DEPENDING ON CONDITION

NOTE: TRANSITION DETAILS REQUIRE
SUPPORT TO RUN PERPENDICULAR TO
PANEL ORIENTATION

REFER TO
VERTICAL JOINT
DETAILS FOR
SHEATHING
REQUIREMENTS



REVISION

REVISION #	DATE
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DW4000-V TO DW4000-H
STACK JOINT W/ EXTRUSION

DETAIL #: AR-SJ-14-DW4V

RELEASE: 2026

REGION: NORTH AMERICA

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BENCHMARK™

DW 4000 - VERTICAL INSTALLATION

NOTE: FASTENER LENGTH VARIES
DEPENDING ON CONDITION

NOTE: TRANSITION DETAILS REQUIRE
SUPPORT TO RUN PERPENDICULAR TO
PANEL ORIENTATION

REFER TO
VERTICAL JOINT
DETAILS FOR
SHEATHING
REQUIREMENTS

DW4000-V
(VERTICALLY INSTALLED)

S.S. FASTENING CLIP W/
PVC FOAM TAPE STRIP SEAL

(2) ¼" HWH DP3 BI-METAL
FASTENERS W/O BONDED
WASHER PER CLIP

CONTINUOUS BUTYL SEALANT
BETWEEN TRIMS

TRANSITION TRIM W/
POP RIVETS AT 8" O.C.

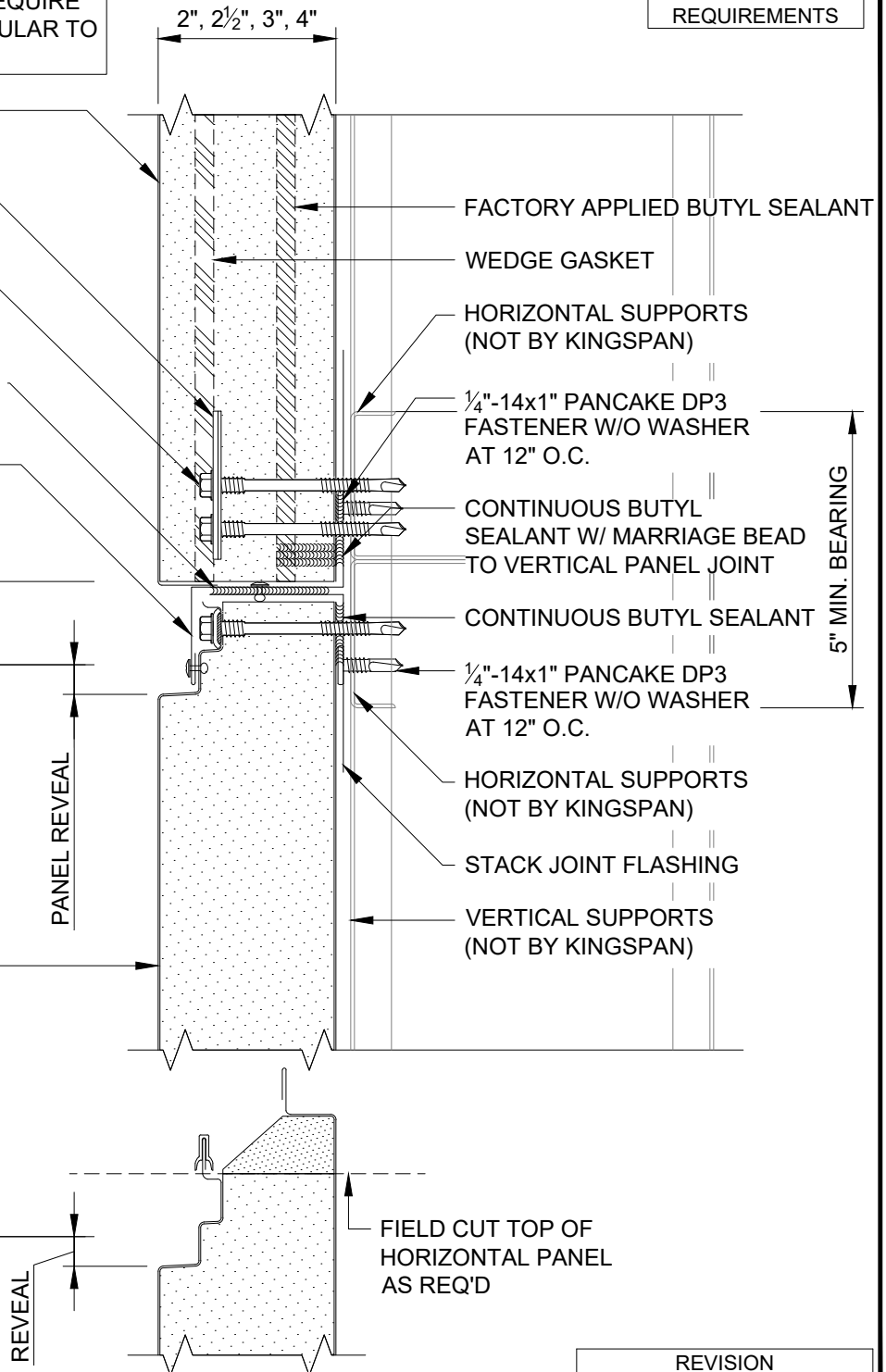
B.O. VERTICAL PANEL
+ 0'-1¼" (AS REQ'D)

T.O. HORIZ. PANEL
MODULE WIDTH
+ 0'-0"

TOTAL REVEAL:
MINIMUM 1 1/4"
MAXIMUM 7 1/4"

DW4000-H
(HORIZONTALLY INSTALLED)

T.O. HORIZ. PANEL
MODULE WIDTH
+ 0'-0"



DW4000-H MALE PANEL JOINT

REVISION	
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DW4000-H TO DW4000-V
STACK JOINT W/ EXTRUSION
(REVEAL)

DETAIL #: AR-SJ-15-DW4V

RELEASE: 2026

REGION: NORTH AMERICA

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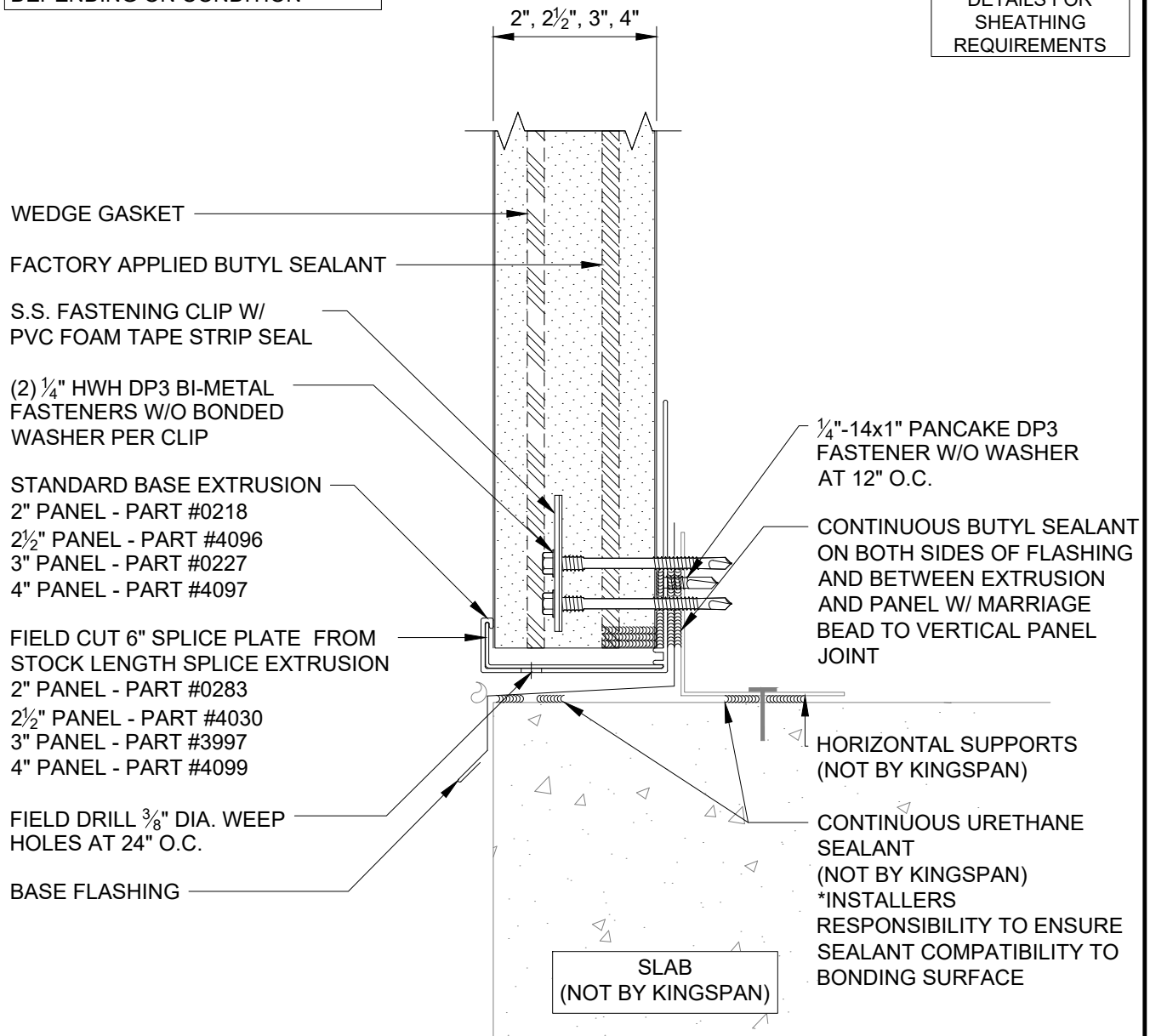


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DW 4000 - VERTICAL INSTALLATION

NOTE: FASTENER LENGTH VARIES
DEPENDING ON CONDITION

REFER TO
VERTICAL JOINT
DETAILS FOR
SHEATHING
REQUIREMENTS



NOTE: IN CERTAIN CONDITIONS, FOR REVEALS GREATER THAN 1/2", METAL CLOSURES MAY BE REQUIRED,
REFERENCE [AR-PJ-03-DW4V](#) DW4000 STANDARD REVEALS FOR DETAILS NOT SHOWN HERE

REVISION

REVISION #	DATE
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BASE DETAIL
FLUSH W/ EXTRUSION

DETAIL #: AR-BS-01-DW4V

RELEASE: 2026

REGION: NORTH AMERICA

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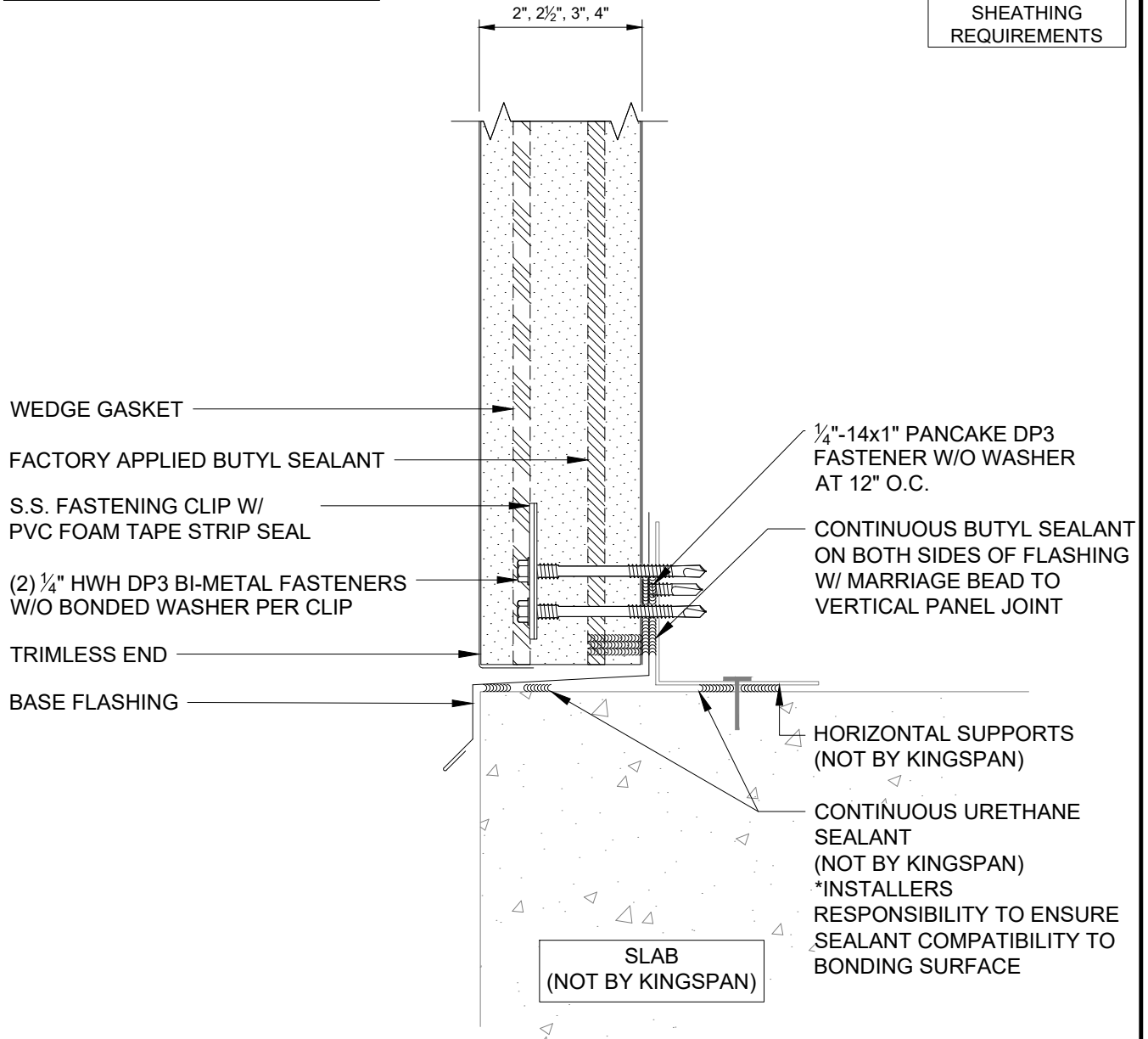


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DW 4000 - VERTICAL INSTALLATION

NOTE: FASTENER LENGTH VARIES
DEPENDING ON CONDITION

REFER TO
VERTICAL JOINT
DETAILS FOR
SHEATHING
REQUIREMENTS



NOTE: IN CERTAIN CONDITIONS, FOR REVEALS GREATER THAN 1/2", METAL CLOSURES MAY BE REQUIRED,
REFERENCE [AR-PJ-03-DW4V](#) DW4000 STANDARD REVEALS FOR DETAILS NOT SHOWN HERE

REVISION

REVISION #	DATE
3	6/5/26

BASE DETAIL
FLUSH W/ TRIMLESS END

DETAIL #: AR-BS-02-DW4V

RELEASE: 2026

REGION: NORTH AMERICA

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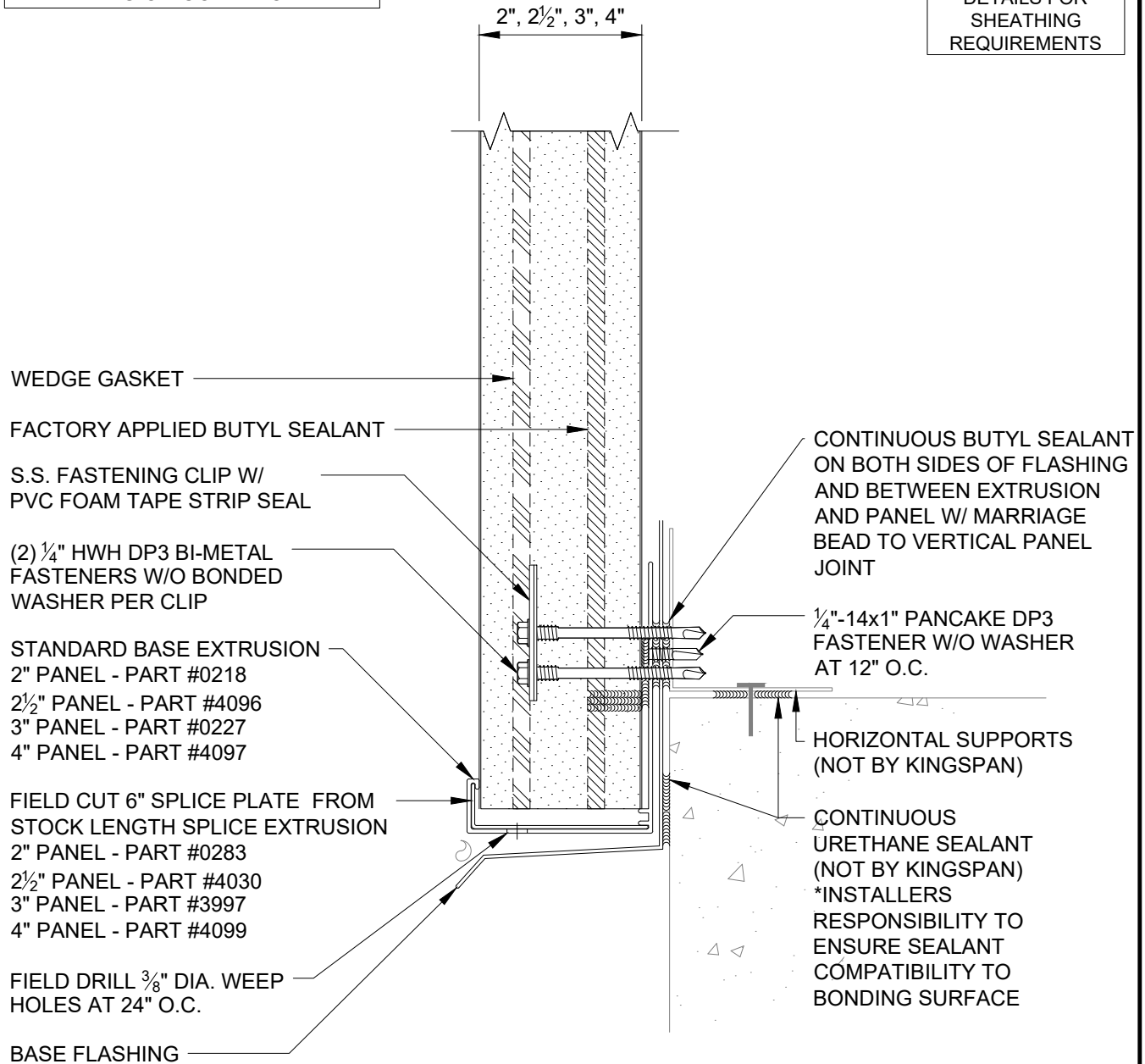


BENCHMARK™

DW 4000 - VERTICAL INSTALLATION

NOTE: FASTENER LENGTH VARIES
DEPENDING ON CONDITION

REFER TO
VERTICAL JOINT
DETAILS FOR
SHEATHING
REQUIREMENTS



NOTE: IN CERTAIN CONDITIONS, FOR REVEALS GREATER THAN 1/2", METAL CLOSURES MAY BE REQUIRED,
REFERENCE [AR-PJ-03-DW4V](#) DW4000 STANDARD REVEALS FOR DETAILS NOT SHOWN HERE

REVISION

REVISION #	DATE
3	6/5/26

BASE DETAIL
OVERHANG W/ EXTRUSION

DETAIL #: AR-BS-03-DW4V

RELEASE: 2026

REGION: NORTH AMERICA

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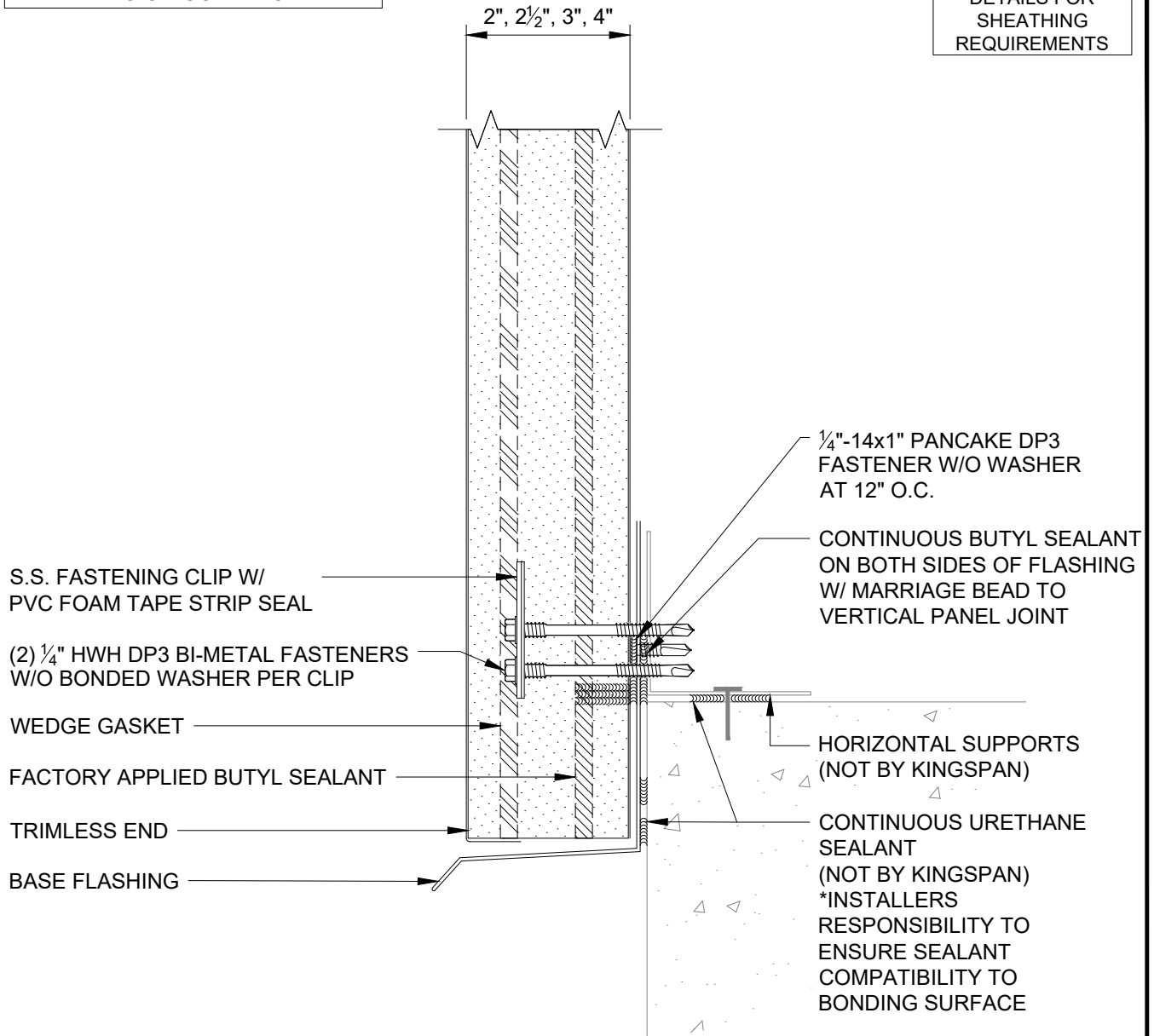


BENCHMARK™

DW 4000 - VERTICAL INSTALLATION

NOTE: FASTENER LENGTH VARIES
DEPENDING ON CONDITION

REFER TO
VERTICAL JOINT
DETAILS FOR
SHEATHING
REQUIREMENTS



NOTE: IN CERTAIN CONDITIONS, FOR REVEALS GREATER THAN 1/2", METAL CLOSURES MAY BE REQUIRED,
REFERENCE [AR-PJ-03-DW4V](#) DW4000 STANDARD REVEALS FOR DETAILS NOT SHOWN HERE

REVISION

REVISION #	DATE
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BASE DETAIL
OVERHANG W/ TRIMLESS END

DETAIL #: AR-BS-04-DW4V

RELEASE: 2026

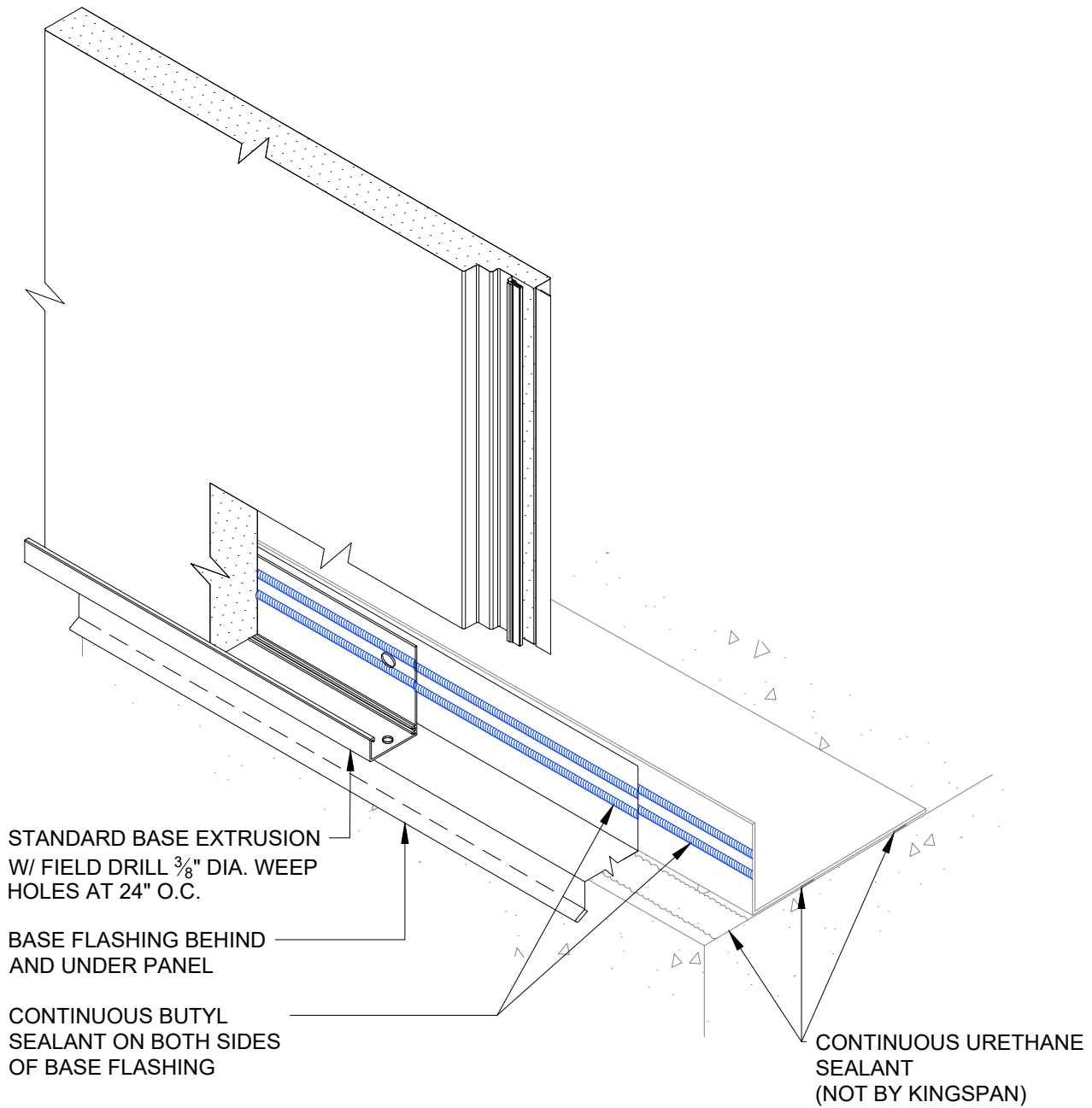
REGION: NORTH AMERICA

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DW 4000 - VERTICAL INSTALLATION



REVISION	
REVISION #	DATE
3	6/5/26

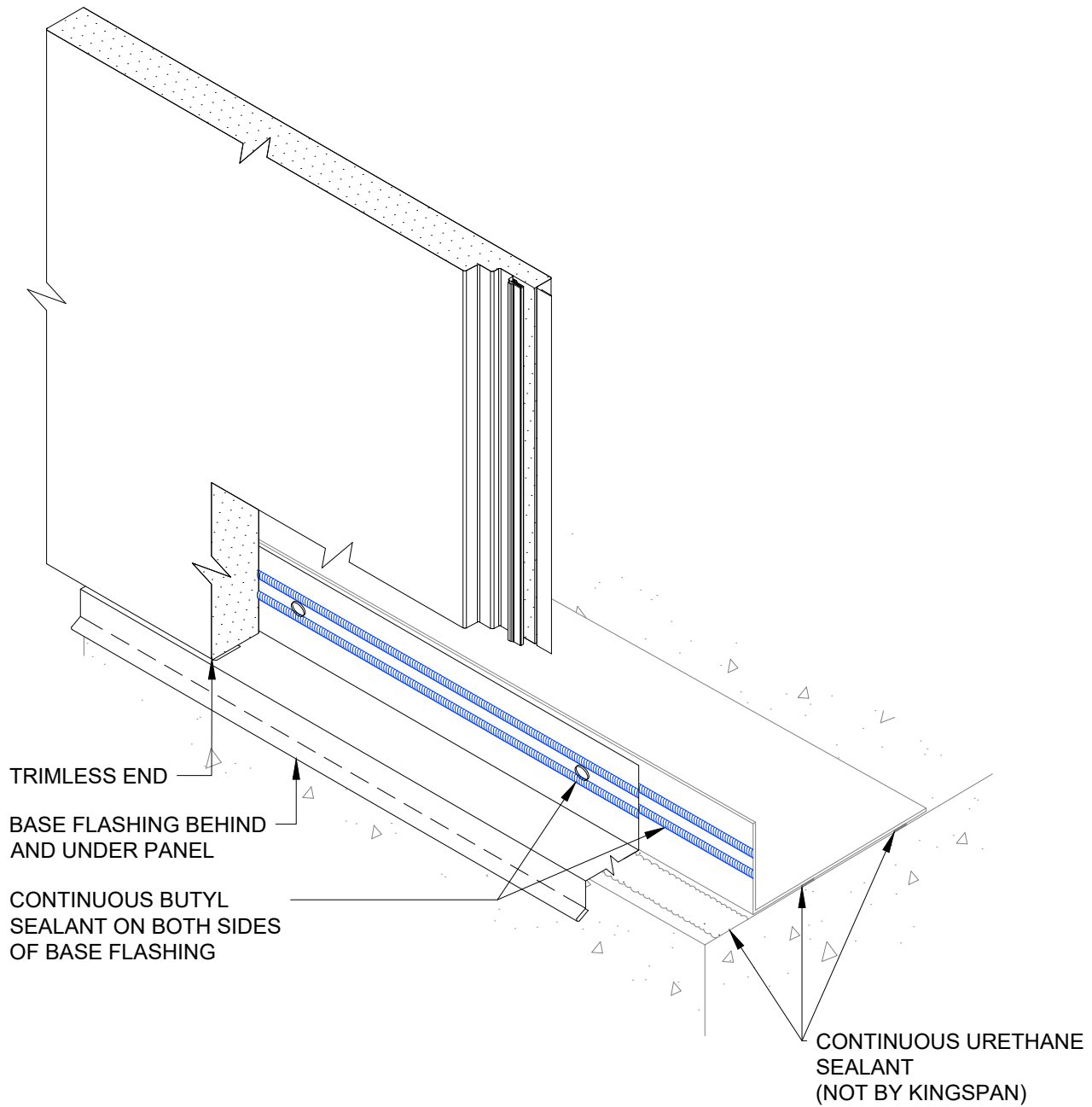
BASE DETAIL
FLUSH W/ EXTRUSION
ISOMETRIC

DETAIL #: AR-BS-05-DW4V
RELEASE: 2026
REGION: NORTH AMERICA
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DW 4000 - VERTICAL INSTALLATION



REVISION	
REVISION #	DATE
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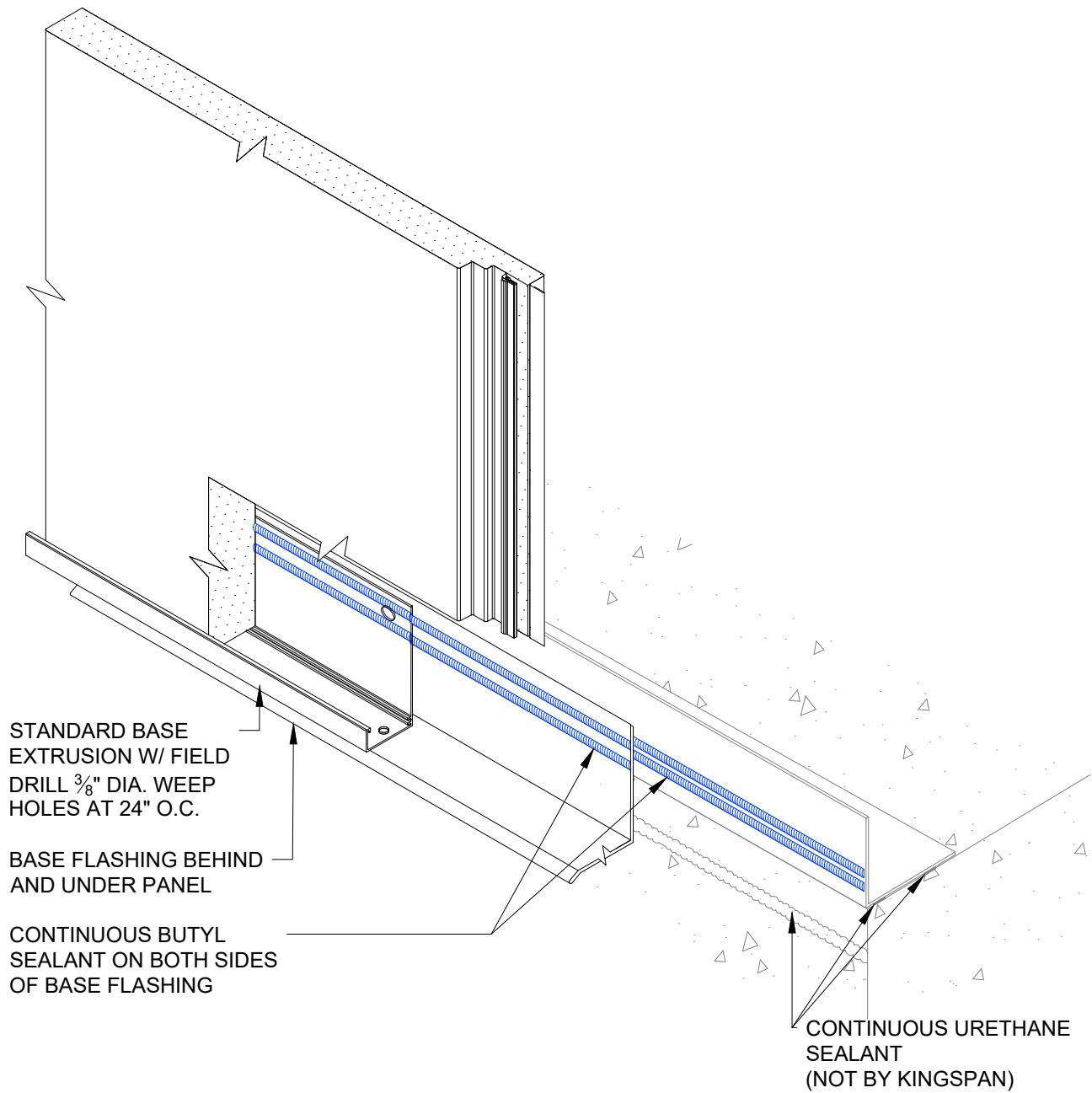
BASE DETAIL
FLUSH W/ TRIMLESS END
ISOMETRIC

DETAIL #: AR-BS-06-DW4V
RELEASE: 2026
REGION: NORTH AMERICA
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DW 4000 - VERTICAL INSTALLATION



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REVISION #	DATE
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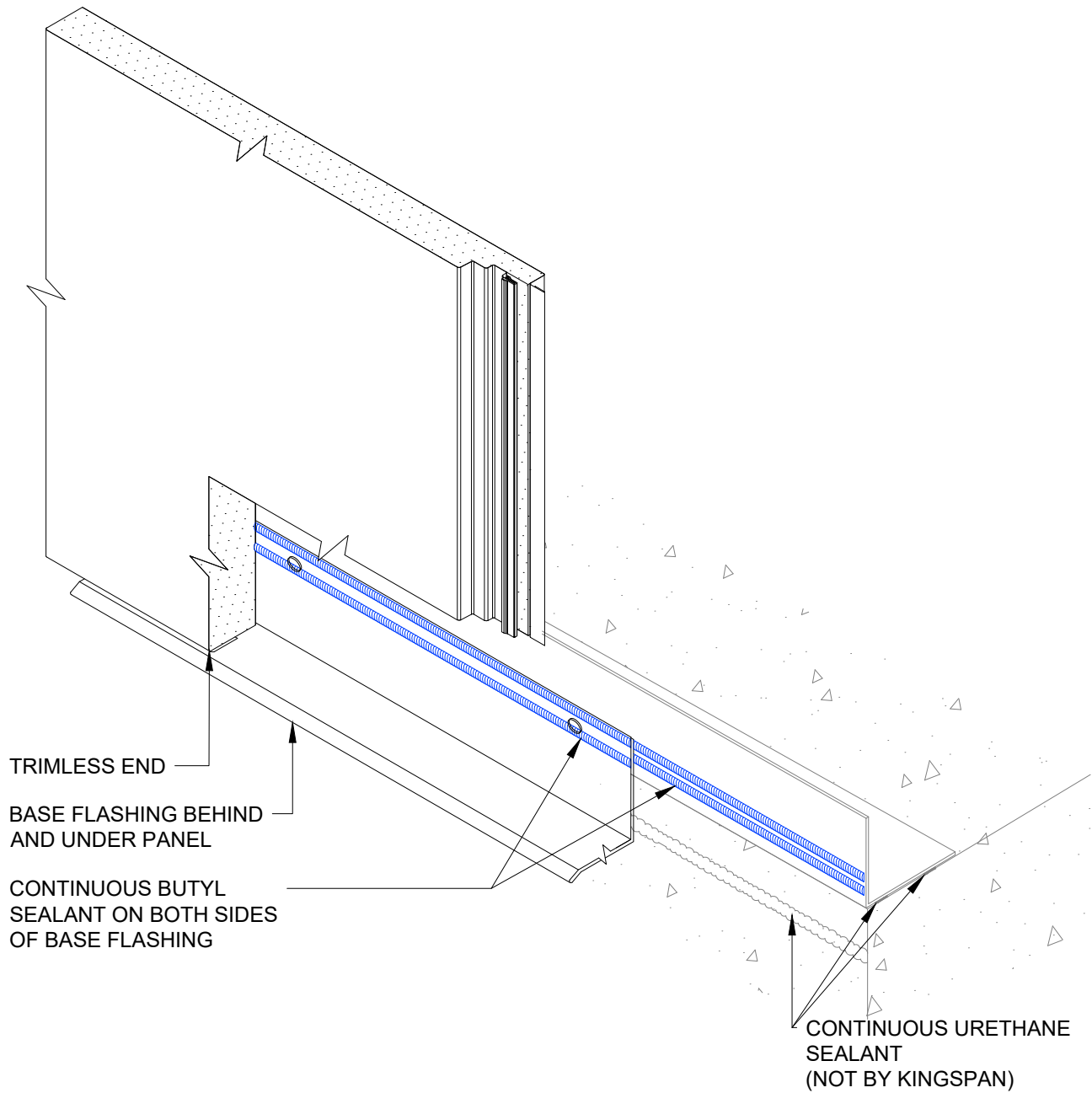
BASE DETAIL
OVERHANG W/ EXTRUSION
ISOMETRIC

DETAIL #: AR-BS-07-DW4V
RELEASE: 2026
REGION: NORTH AMERICA
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*INSTALLERS RESPONSIBILITY
TO ENSURE SEALANT
COMPATIBILITY TO BONDING
SURFACE

REVISION	
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BASE DETAIL
OVERHANG W/ TRIMLESS END
ISOMETRIC

DETAIL #: AR-BS-08-DW4V
RELEASE: 2026
REGION: NORTH AMERICA
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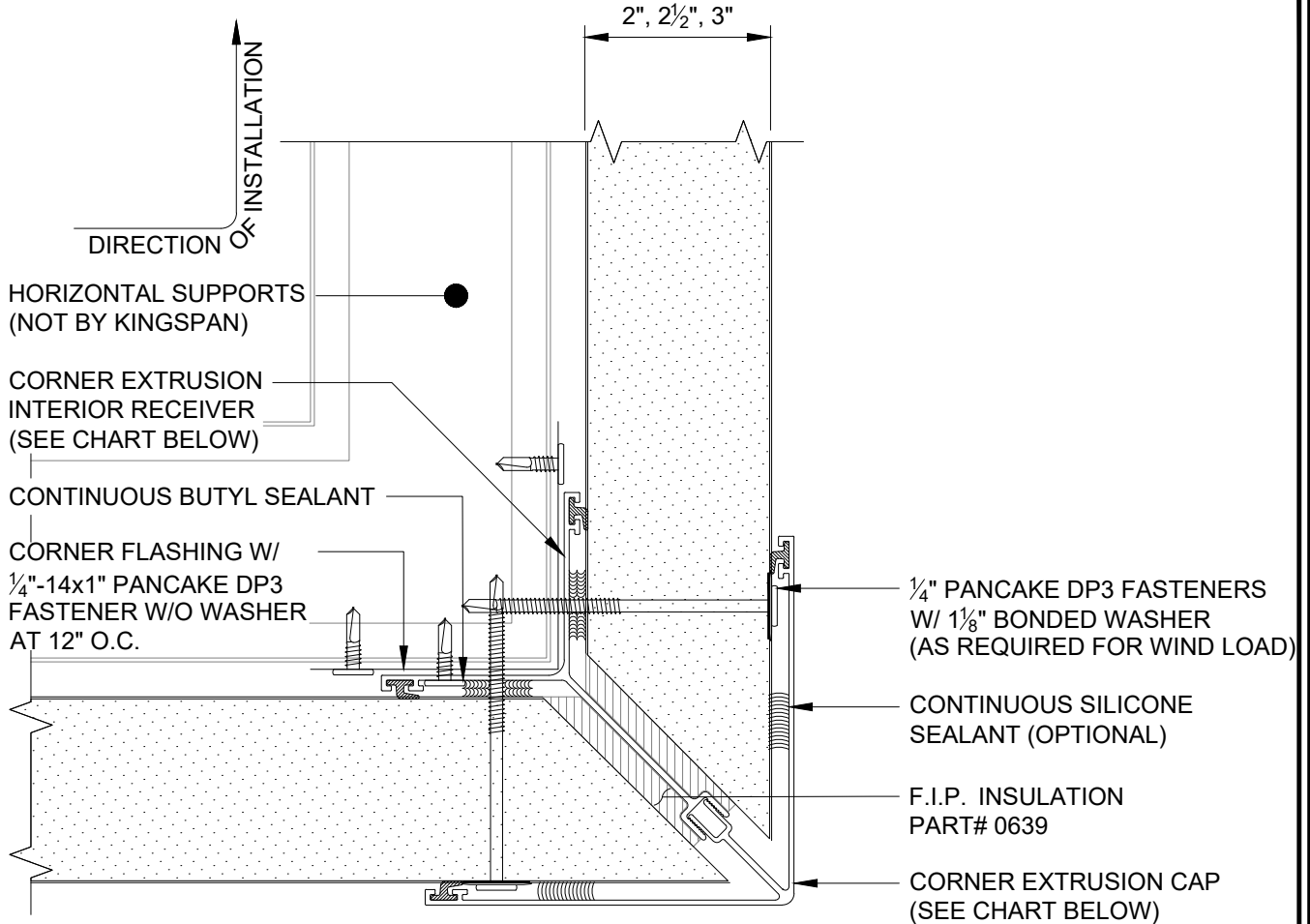


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DW 4000 - VERTICAL INSTALLATION

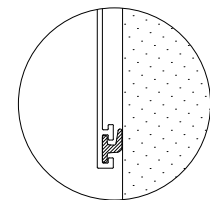
NOTE: FASTENER LENGTH VARIES
DEPENDING ON CONDITION

REFER TO
VERTICAL JOINT
DETAILS FOR
SHEATHING
REQUIREMENTS



NOTE: NEED PROJECT TO LOOK AT
EXTRUSION DESIGN

CORNER EXTRUSION PART NUMBERS				
PANEL THICKNESS	2"	2 1/2"	3"	4"
INTERIOR RECEIVER	PART# 3998	PART# 3999	PART# 4000	N/A
4" X 4" CORNER CAP	N/A	N/A	N/A	N/A
4 1/2" X 4 1/2" CORNER CAP	N/A	N/A	N/A	N/A
5" X 5" CORNER CAP	N/A	N/A	N/A	N/A
6" X 6" CORNER CAP	PART# 4044			N/A
7" X 7" CORNER CAP	N/A	N/A	N/A	N/A



WIPER GASKET
(FIELD INSTALLED)

NOTE: INTERIOR CORNER
TO BE FORMED AT 90°.

REVISION	
REVISION #	DATE
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OUTSIDE CORNER
W/ EXTRUSION

DETAIL #: AR-OC-01-DW4V

RELEASE: 2026

REGION: NORTH AMERICA

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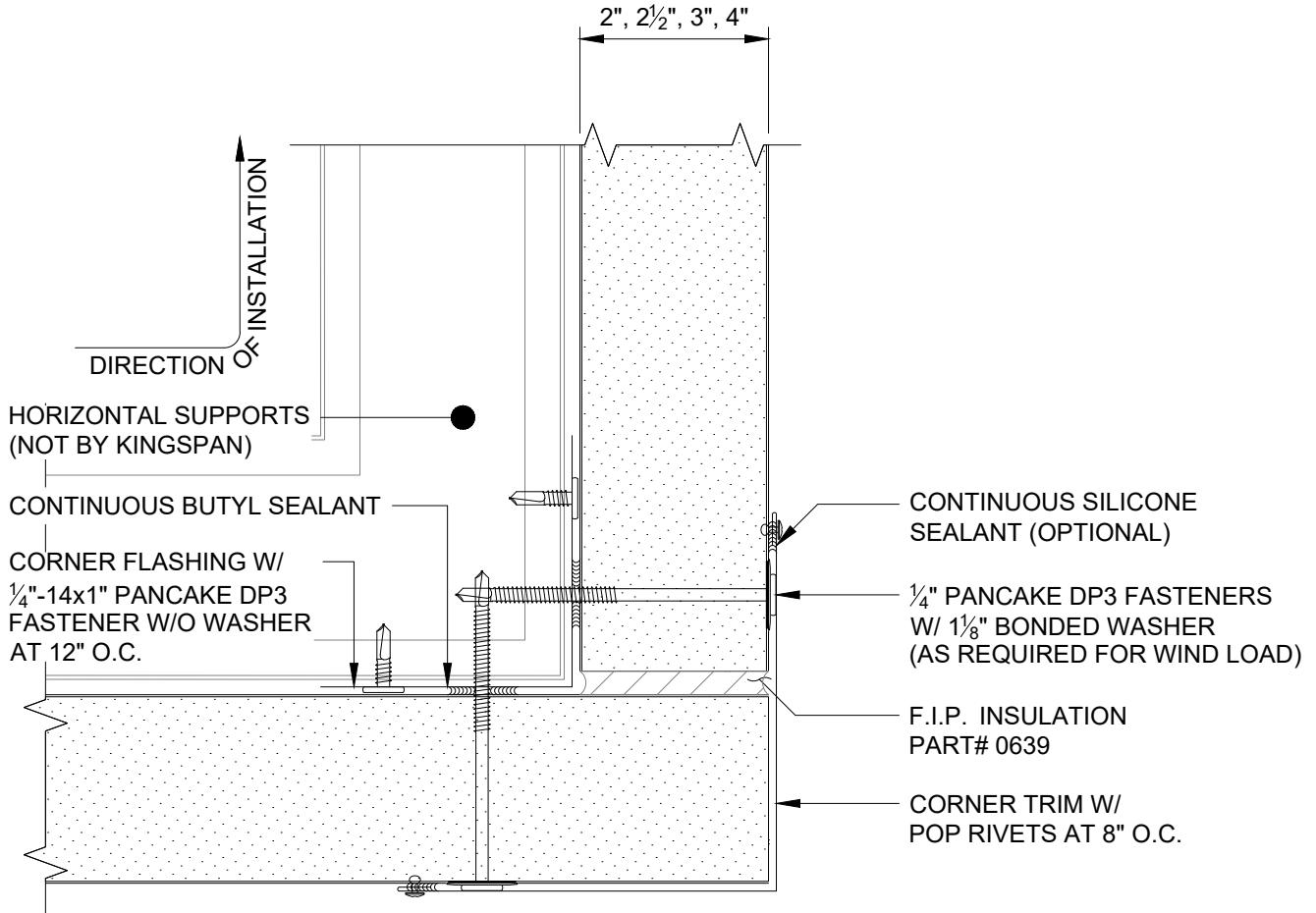


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DW 4000 - VERTICAL INSTALLATION

NOTE: FASTENER LENGTH VARIES
DEPENDING ON CONDITION

REFER TO
VERTICAL JOINT
DETAILS FOR
SHEATHING
REQUIREMENTS



REVISION	
REVISION #	DATE
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OUTSIDE CORNER
W/ TRIM

DETAIL #: AR-OC-02-DW4V

RELEASE: 2026

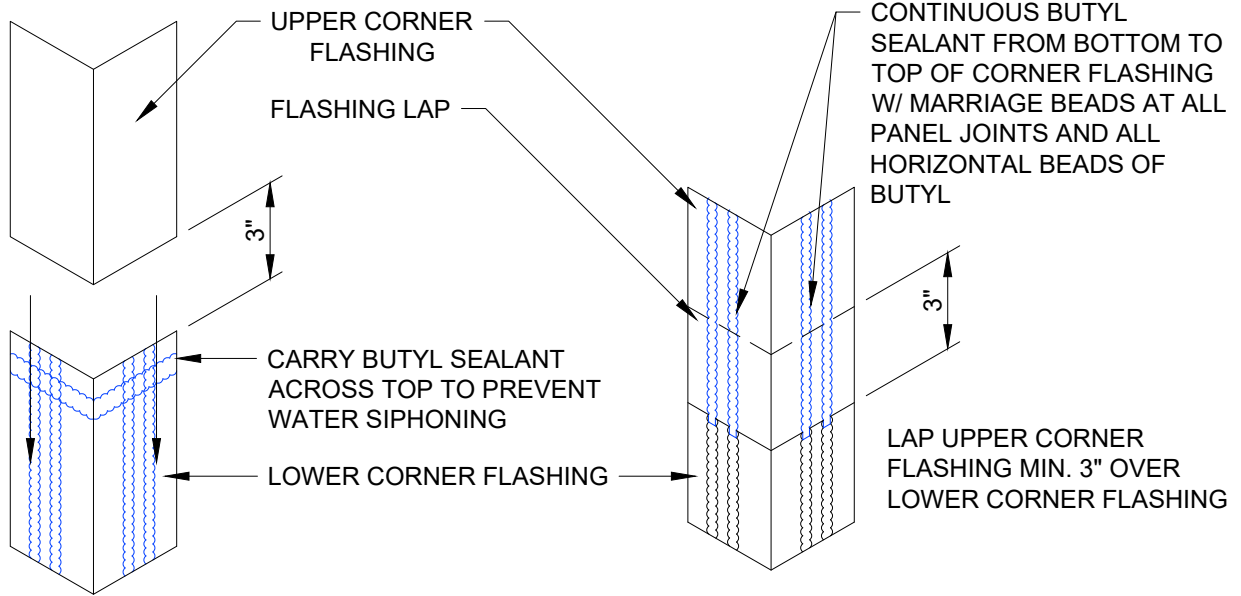
REGION: NORTH AMERICA

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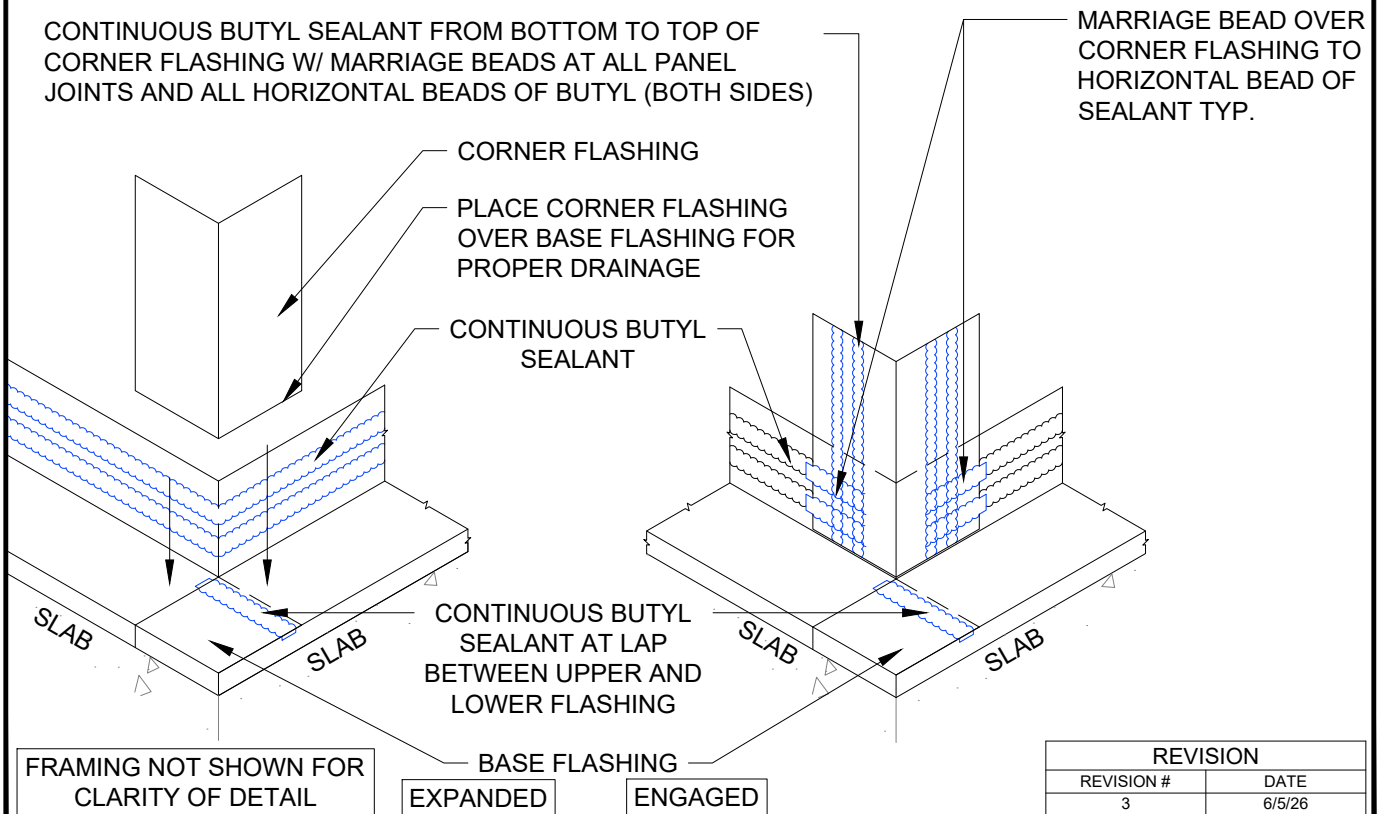
DW 4000 - VERTICAL INSTALLATION



EXPANDED

ENGAGED

FRAMING NOT SHOWN FOR CLARITY OF DETAIL



REVISION	
REVISION #	DATE
3	6/5/26

OUTSIDE CORNER LAP
FLUSH BASE

DETAIL #: AR-OC-03-DW4V

RELEASE: 2026

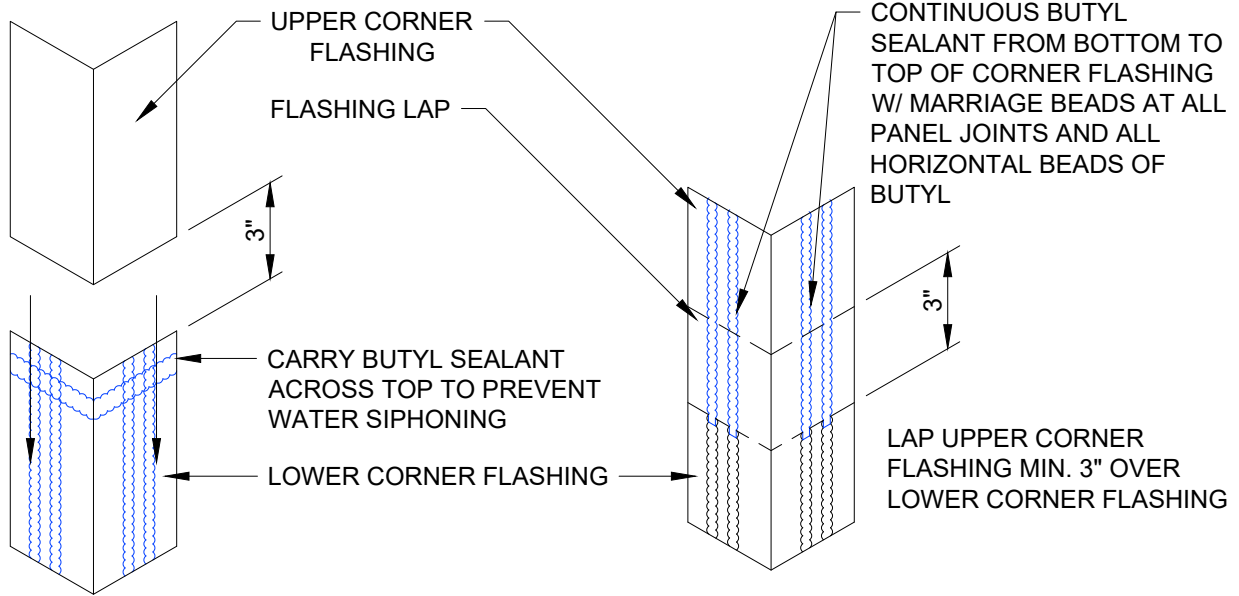
REGION: NORTH AMERICA

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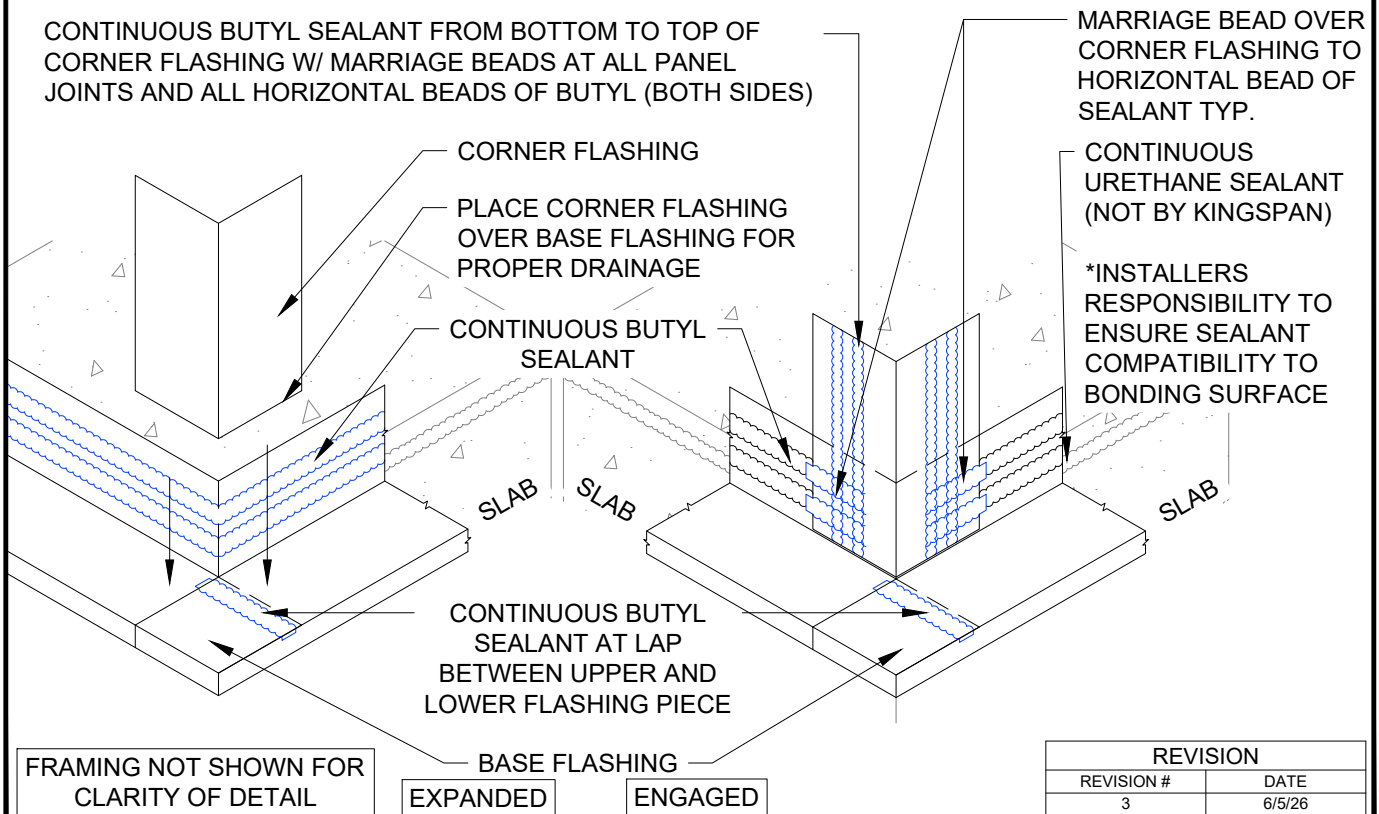
DW 4000 - VERTICAL INSTALLATION



EXPANDED

ENGAGED

FRAMING NOT SHOWN FOR CLARITY OF DETAIL



REVISION	
REVISION #	DATE
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OUTSIDE CORNER LAP
OVERHANG BASE

DETAIL #: AR-OC-04-DW4V

RELEASE: 2026

REGION: NORTH AMERICA

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DW 4000 - VERTICAL INSTALLATION

NOTE: FASTENER LENGTH VARIES
DEPENDING ON CONDITION

HORIZONTAL SUPPORTS
(NOT BY KINGSPAN)

CONTINUOUS BUTYL SEALANT
ON BOTH SIDES OF EXTRUSION

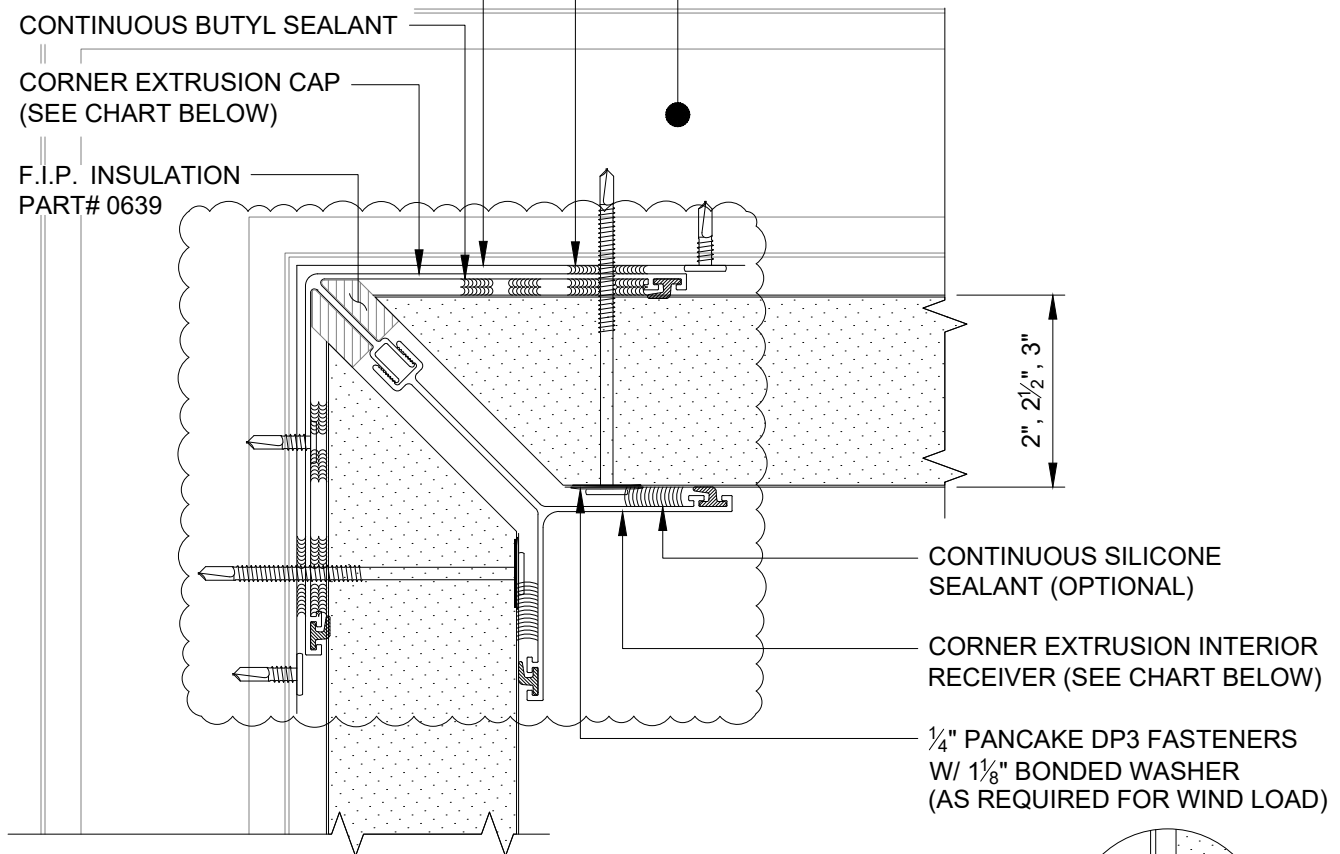
CORNER FLASHING W/ 1/4"-14x1"
PANCAKE DP3 FASTENER W/O
WASHER AT 12" O.C.

CONTINUOUS BUTYL SEALANT

CORNER EXTRUSION CAP
(SEE CHART BELOW)

F.I.P. INSULATION
PART# 0639

REFER TO
VERTICAL JOINT
DETAILS FOR
SHEATHING
REQUIREMENTS



NOTE: NEED PROJECT TO LOOK AT
EXTRUSION DESIGN

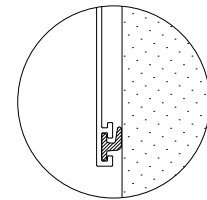
CORNER EXTRUSION PART NUMBERS

PANEL THICKNESS	2"	2½"	3"	4"
INTERIOR RECEIVER	PART# 3998	PART# 3999	PART# 4000	N/A
4" X 4" CORNER CAP	N/A	N/A	N/A	N/A
4½" X 4½" CORNER CAP	N/A	N/A	N/A	N/A
5" X 5" CORNER CAP	N/A	N/A	N/A	N/A
6" X 6" CORNER CAP	PART# 4044			N/A
7" X 7" CORNER CAP	N/A	N/A	N/A	N/A

CONTINUOUS SILICONE
SEALANT (OPTIONAL)

CORNER EXTRUSION INTERIOR
RECEIVER (SEE CHART BELOW)

1/4" PANCAKE DP3 FASTENERS
W/ 1/8" BONDED WASHER
(AS REQUIRED FOR WIND LOAD)



WIPER GASKET
(FIELD INSTALLED)

NOTE: EXTERIOR CORNER
TO BE FORMED AT 90°.

REVISION

REVISION #	DATE
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INSIDE CORNER
W/ EXTRUSION

DETAIL #: AR-IC-01-DW4V

RELEASE: 2026

REGION: NORTH AMERICA

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DW 4000 - VERTICAL INSTALLATION

NOTE: FASTENER LENGTH VARIES
DEPENDING ON CONDITION

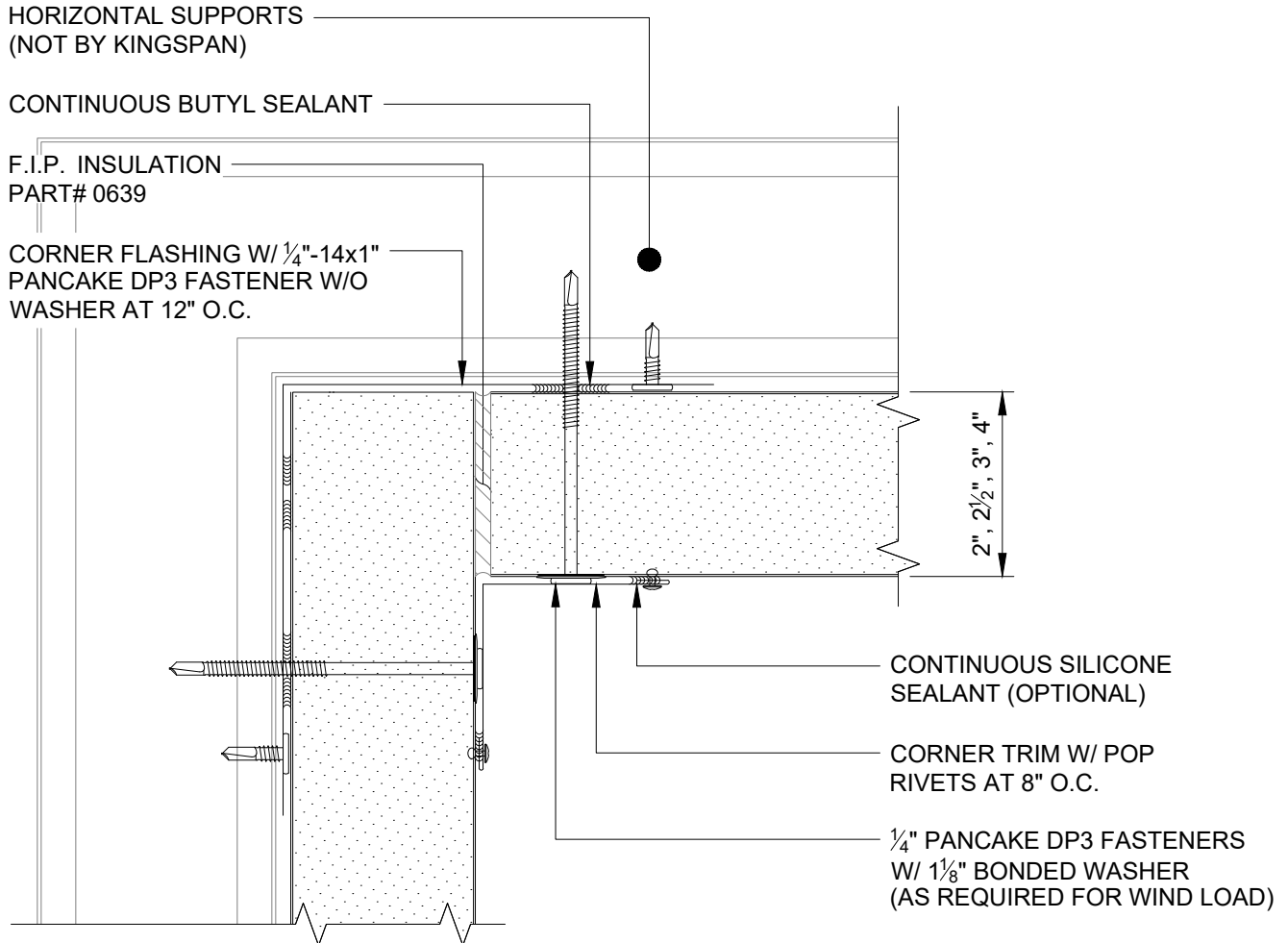
REFER TO
VERTICAL JOINT
DETAILS FOR
SHEATHING
REQUIREMENTS

HORIZONTAL SUPPORTS
(NOT BY KINGSPAN)

CONTINUOUS BUTYL SEALANT

F.I.P. INSULATION
PART# 0639

CORNER FLASHING W/ 1/4"-14x1"
PANCAKE DP3 FASTENER W/O
WASHER AT 12" O.C.



CONTINUOUS SILICONE
SEALANT (OPTIONAL)

CORNER TRIM W/ POP
RIVETS AT 8" O.C.

1/4" PANCAKE DP3 FASTENERS
W/ 1/8" BONDED WASHER
(AS REQUIRED FOR WIND LOAD)

REVISION

REVISION #	DATE
3	6/5/26

INSIDE CORNER
W/ TRIM

DETAIL #: AR-IC-02-DW4V

RELEASE: 2026

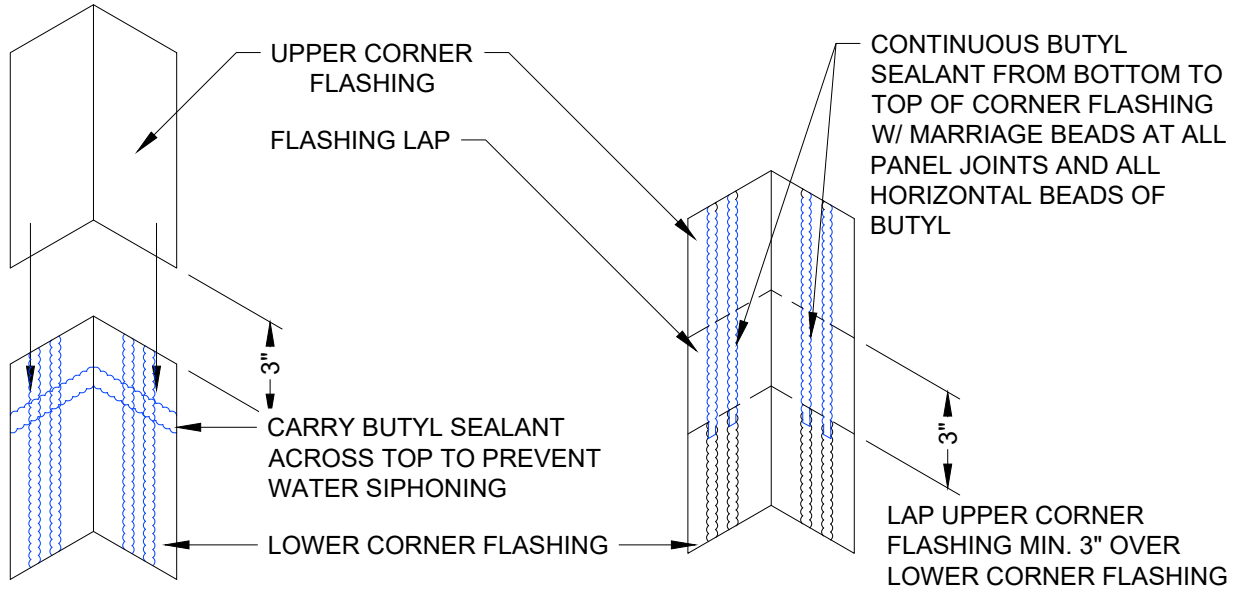
REGION: NORTH AMERICA

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DW 4000 - VERTICAL INSTALLATION



EXPANDED

ENGAGED

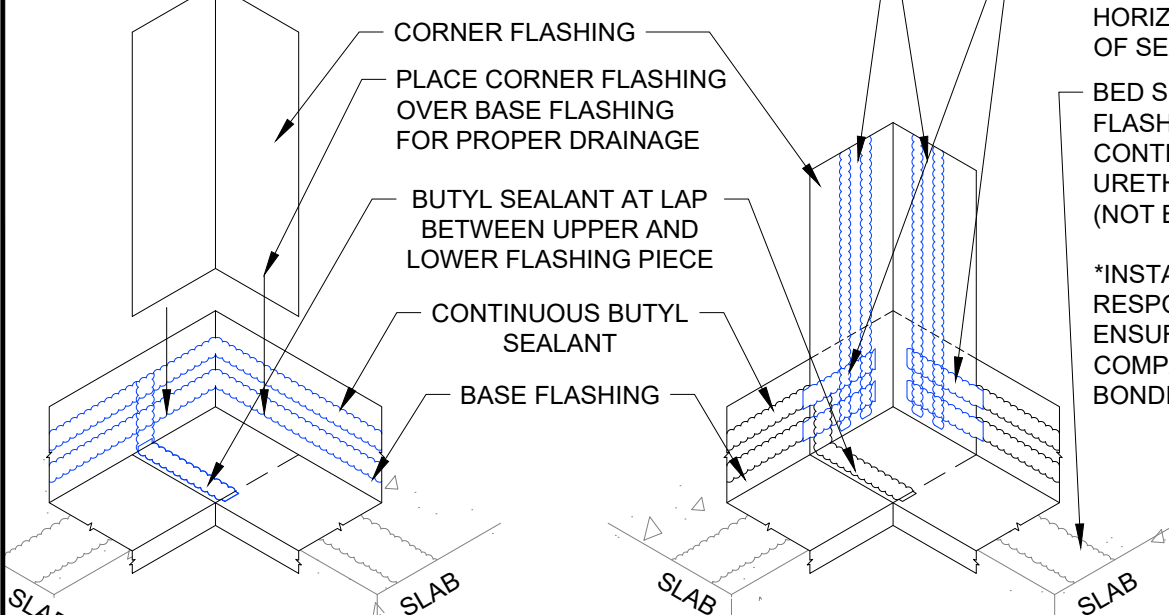
FRAMING NOT SHOWN FOR CLARITY OF DETAIL

CONTINUOUS BUTYL SEALANT FROM BOTTOM TO TOP OF CORNER FLASHING W/ MARRIAGE BEADS AT ALL PANEL JOINTS AND ALL HORIZONTAL BEADS OF BUTYL

MARRIAGE BEAD OVER CORNER FLASHING TO HORIZONTAL BEAD OF SEALANT TYP.

BED SEAL BASE FLASHING IN CONTINUOUS URETHANE SEALANT (NOT BY KINGSPAN)

*INSTALLERS RESPONSIBILITY TO ENSURE SEALANT COMPATIBILITY TO BONDING SURFACE



EXPANDED

ENGAGED

FRAMING NOT SHOWN FOR CLARITY OF DETAIL

REVISION	
REVISION #	DATE
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INSIDE CORNER LAP
FLUSH BASE

DETAIL #: AR-IC-03-DW4V

RELEASE: 2026

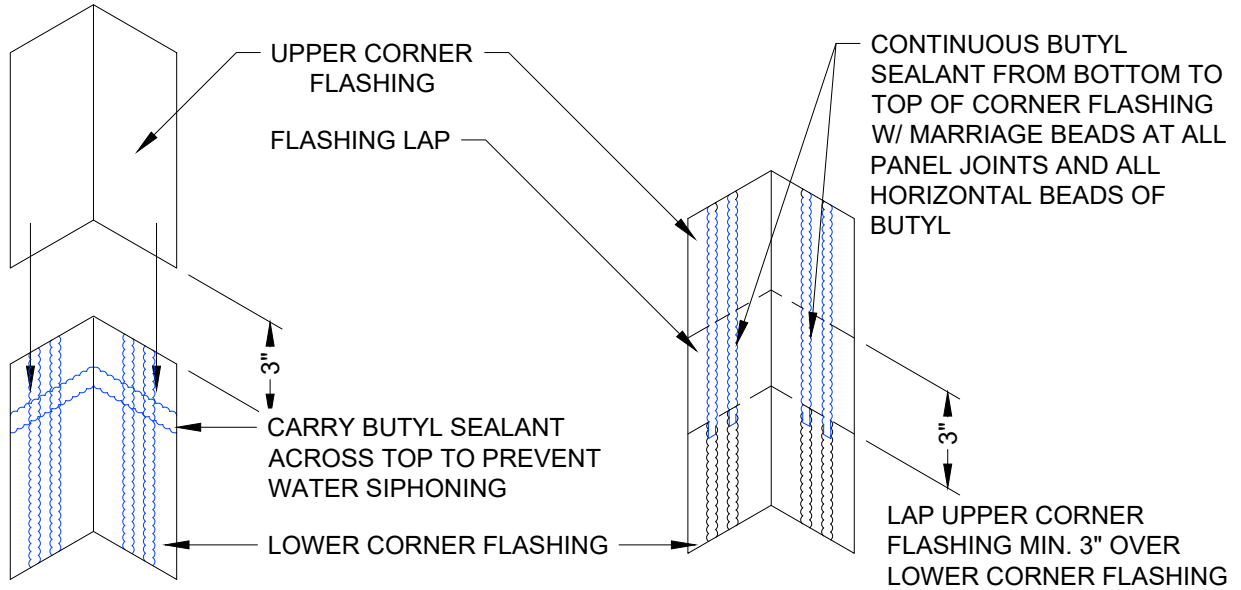
REGION: NORTH AMERICA

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DW 4000 - VERTICAL INSTALLATION

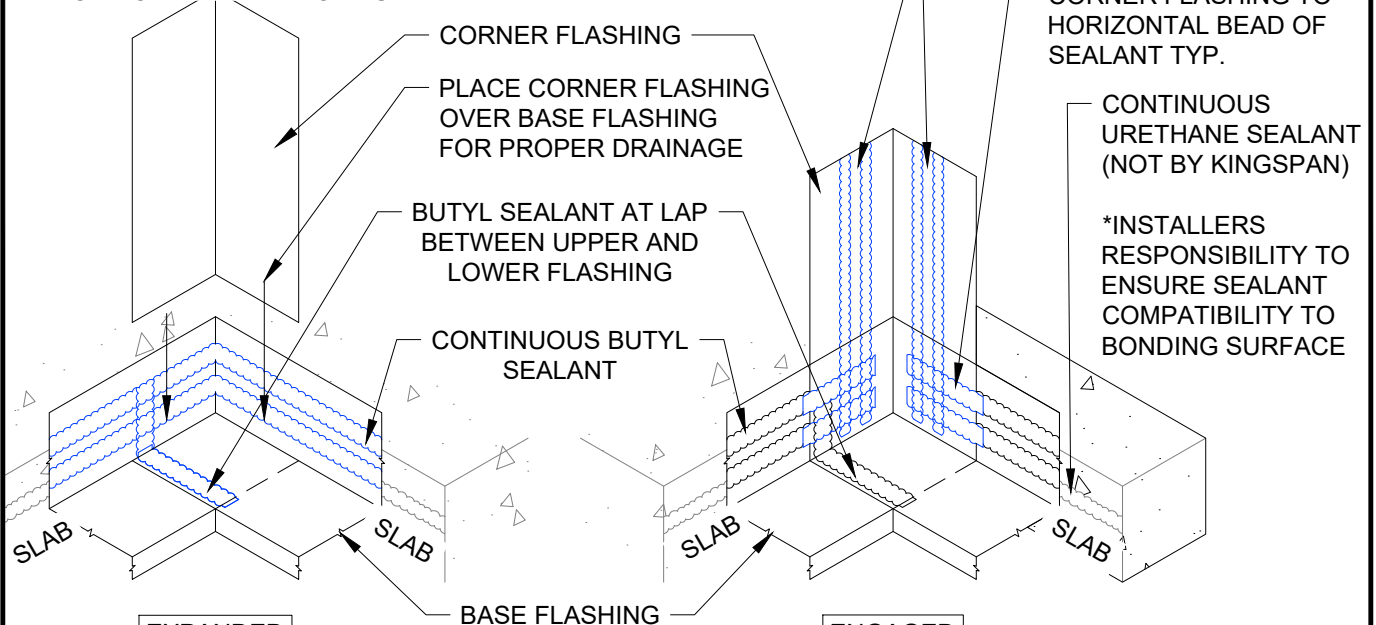


EXPANDED

ENGAGED

FRAMING NOT SHOWN FOR CLARITY OF DETAIL

CONTINUOUS BUTYL SEALANT FROM BOTTOM TO TOP OF CORNER FLASHING W/ MARRIAGE BEADS AT ALL PANEL JOINTS AND ALL HORIZONTAL BEADS OF BUTYL



EXPANDED

ENGAGED

FRAMING NOT SHOWN FOR CLARITY OF DETAIL

REVISION	
REVISION #	DATE
3	6/5/26

INSIDE CORNER LAP
OVERHANG BASE

DETAIL #: AR-IC-04-DW4V

RELEASE: 2026

REGION: NORTH AMERICA

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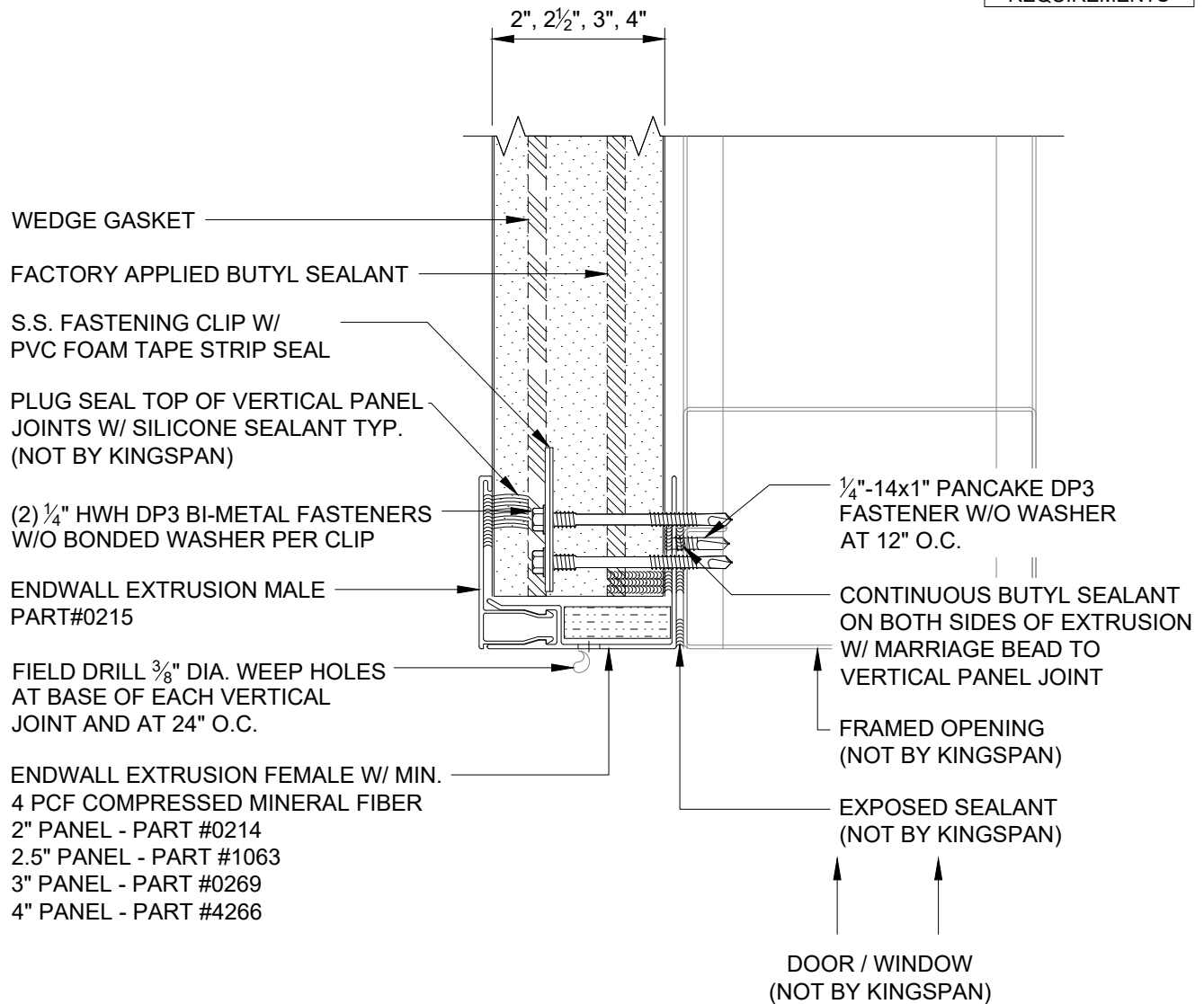


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DW 4000 - VERTICAL INSTALLATION

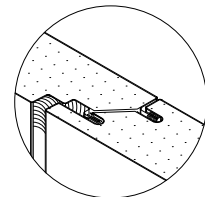
NOTE: FASTENER LENGTH VARIES
DEPENDING ON CONDITION

REFER TO
VERTICAL JOINT
DETAILS FOR
SHEATHING
REQUIREMENTS



NOTE: SEE DETAILS [AR-FO-04-DW4V](#) / [AR-FO-05-DW4V](#) FOR TYPICAL EXTRUSION LAP INSTRUCTIONS

NOTE: IN CERTAIN CONDITIONS, FOR REVEALS GREATER
THAN 1/2", METAL CLOSURES MAY BE REQUIRED,
REFERENCE [AR-PJ-03-DW4V](#) DW4000 STANDARD REVEALS
FOR DETAILS NOT SHOWN HERE



PLUG SEAL LOCATION

REVISION	
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FRAMED OPENING HEAD
W/ EXTRUSION

DETAIL #: AR-FO-01-DW4V

RELEASE: 2026

REGION: NORTH AMERICA

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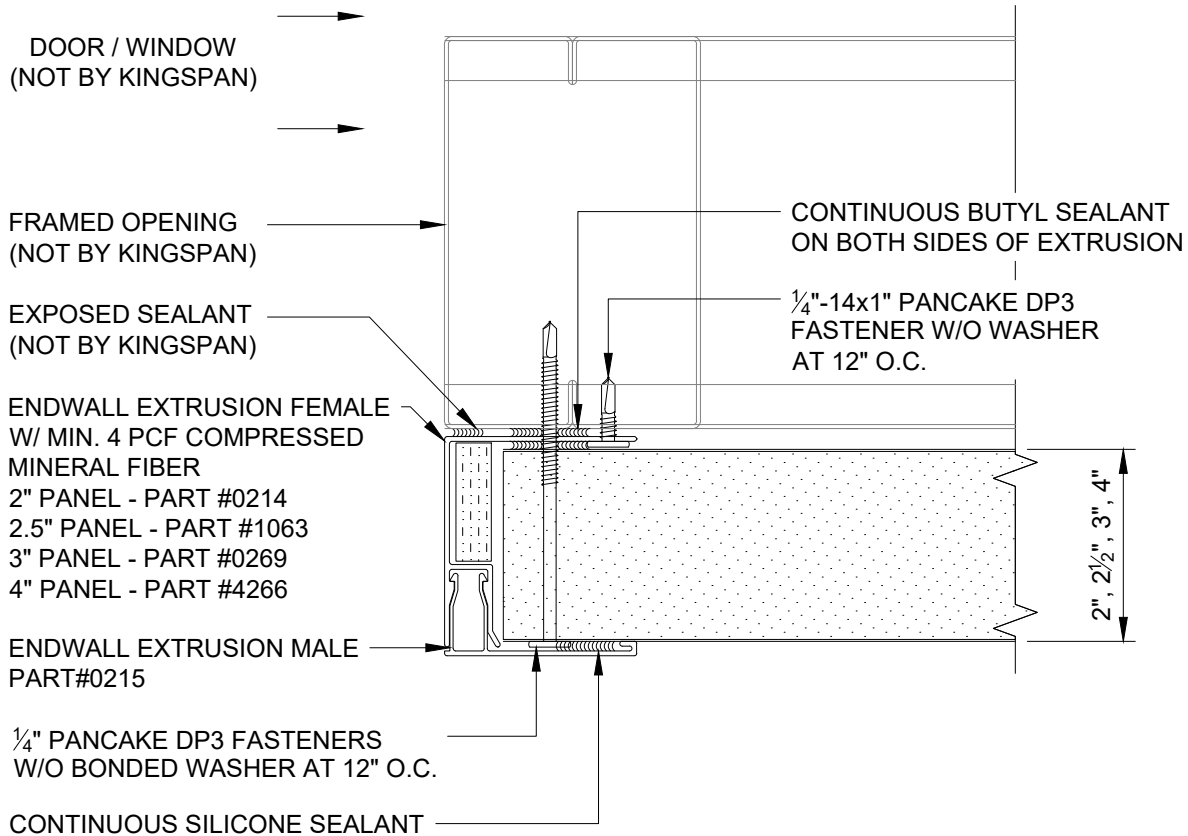


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DW 4000 - VERTICAL INSTALLATION

NOTE: FASTENER LENGTH VARIES
DEPENDING ON CONDITION

REFER TO
VERTICAL JOINT
DETAILS FOR
SHEATHING
REQUIREMENTS



NOTE: SEE DETAILS [AR-FO-04-DW4V](#) / [AR-FO-05-DW4V](#) FOR TYPICAL EXTRUSION LAP INSTRUCTIONS

REVISION

REVISION #	DATE
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FRAMED OPENING JAMB
W/ EXTRUSION

DETAIL #: AR-FO-02-DW4V

RELEASE: 2026

REGION: NORTH AMERICA

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DW 4000 - VERTICAL INSTALLATION

NOTE: FASTENER LENGTH VARIES
DEPENDING ON CONDITION

DOOR / WINDOW
(NOT BY KINGSPAN)

REFER TO
VERTICAL JOINT
DETAILS FOR
SHEATHING
REQUIREMENTS

CONTINUOUS BUTYL SEALANT
BETWEEN EXTRUSION AND FLASHING

SILL EXTRUSION
PART #4064

PLUG SEAL TOP OF VERTICAL PANEL
JOINTS W/ SILICONE SEALANT TYP.
(NOT BY KINGSPAN)

(2) 1/4" HWH DP3 BI-METAL
FASTENERS W/O BONDED
WASHER PER CLIP

S.S. FASTENING CLIP W/
PVC FOAM TAPE STRIP SEAL

WEDGE GASKET

FRAMED OPENING
(NOT BY KINGSPAN)

CONTINUOUS BUTYL SEALANT

1/4"-14x1" PANCAKE DP3
FASTENER W/O WASHER
AT 12" O.C.

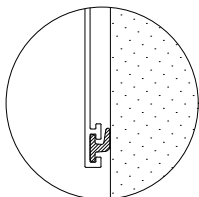
CONTINUOUS BUTYL SEALANT
W/ MARRIAGE BEAD TO
EXTERIOR SIDE GASKET

SILL FLASHING W/ 1/4"-14x1"
PANCAKE DP3 FASTENER
W/O WASHER AT 12" O.C.

FACTORY APPLIED
BUTYL SEALANT

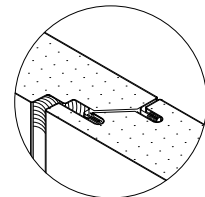
2", 2 1/2", 3", 4"

NOTE: SEE DETAILS [AR-FO-04-DW4V](#) / [AR-FO-05-DW4V](#) FOR TYPICAL EXTRUSION LAP INSTRUCTIONS



WIPER GASKET
(FIELD INSTALLED)

NOTE: IN CERTAIN CONDITIONS, FOR REVEALS GREATER
THAN 1/2", METAL CLOSURES MAY BE REQUIRED,
REFERENCE [AR-PJ-03-DW4V](#) DW4000 STANDARD REVEALS
FOR DETAILS NOT SHOWN HERE



PLUG SEAL LOCATION

REVISION	
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FRAMED OPENING SILL
W/ EXTRUSION

DETAIL #: AR-FO-03-DW4V

RELEASE: 2026

REGION: NORTH AMERICA

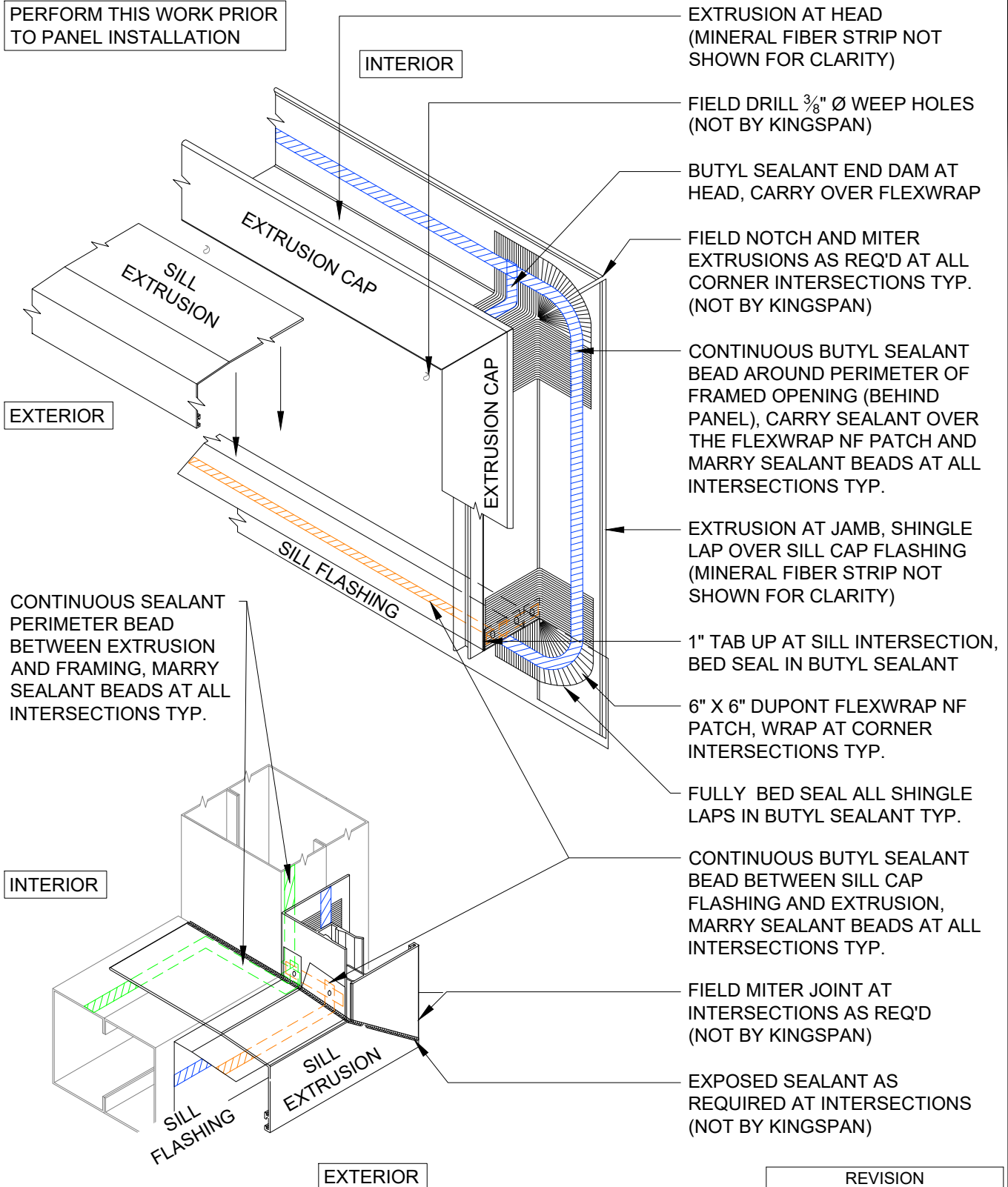
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DW 4000 - VERTICAL INSTALLATION

PERFORM THIS WORK PRIOR
TO PANEL INSTALLATION



REVISION	
REVISION #	DATE
3	6/5/26

FRAMED OPENING LAP
W/ EXTRUSION

DETAIL #: AR-FO-04-DW4V

RELEASE: 2026

REGION: NORTH AMERICA

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DW 4000 - VERTICAL INSTALLATION

CARRY FIELD APPLIED REAR SEAL
NON-SKINNING BUTYL SEALANT BEAD
OVER TOP OF THE FLEXWRAP TAPE

INTERIOR HEAD
EXTRUSION

BUTYL SEALANT
END DAM

EXTERIOR HEAD EXTRUSION W/
FIELD DRILL $\frac{3}{8}$ " DIA. WEEP HOLES

FIELD MITER CUT W/ EXPOSED SEALANT
(NOT BY KINGSPAN)

CUT AND LAP 6" X 6" DUPONT FLEXWRAP NF TAPE
AT INSIDE CORNER INTERSECTION AS REQUIRED
*INSTALLER TO ENSURE FLEXWRAP TAPE AT
INTERSECTION IS FULLY SEALED

JAMB EXTRUSION

SILL EXTRUSION

FIELD CUT/NOTCH JAMB
EXTRUSION W/ EXPOSED
SEALANT
(NOT BY KINGSPAN)

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3	6/5/26

FRAMED OPENING LAP
EXTRUSION INTERSECTION

DETAIL #: AR-FO-05-DW4V

RELEASE: 2026

REGION: NORTH AMERICA

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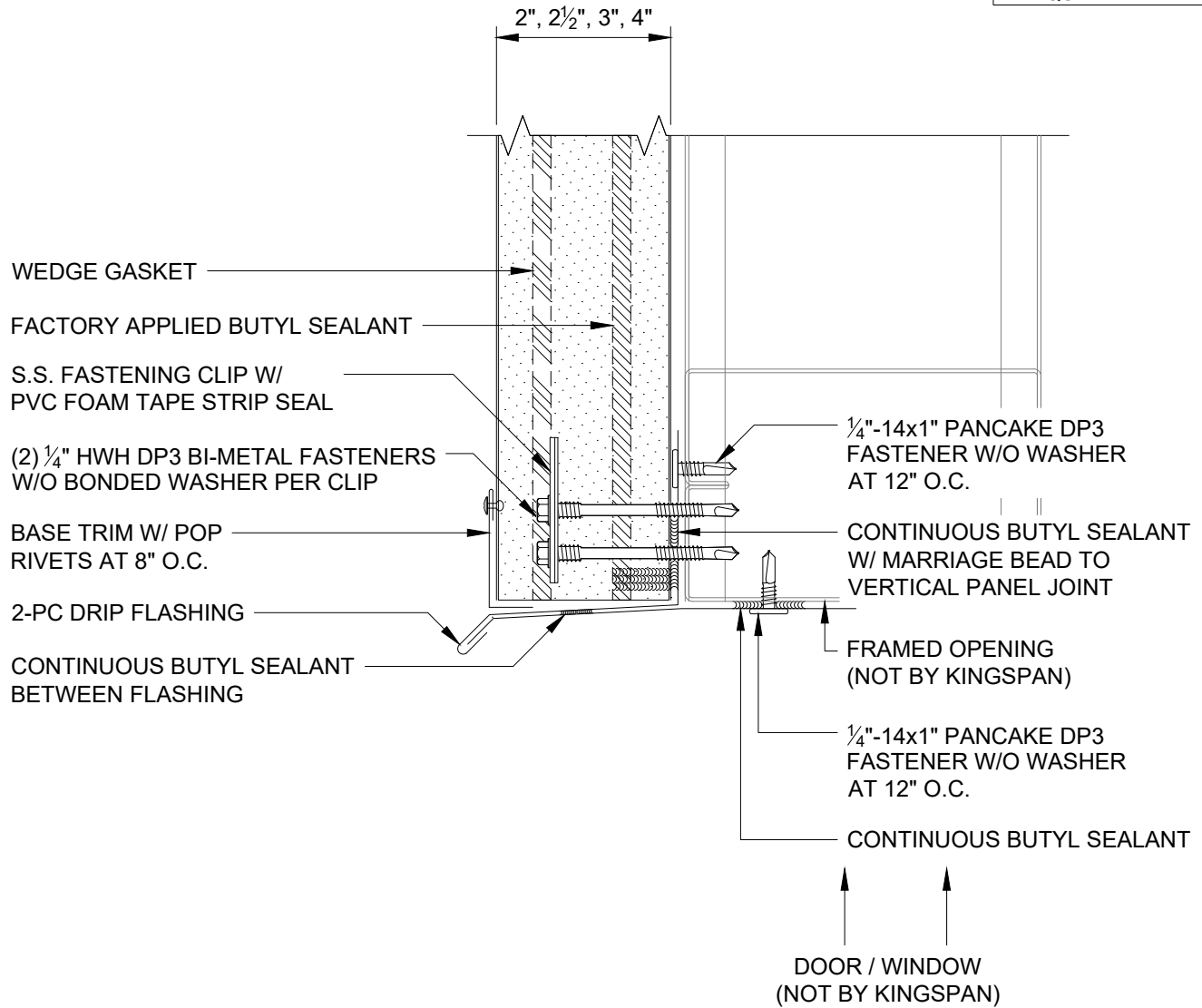


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DW 4000 - VERTICAL INSTALLATION

NOTE: FASTENER LENGTH VARIES
DEPENDING ON CONDITION

REFER TO
VERTICAL JOINT
DETAILS FOR
SHEATHING
REQUIREMENTS



NOTE: SEE DETAIL [AR-FO-09-DW4V](#) FOR TYPICAL TRIM LAP INSTRUCTIONS

NOTE: IN CERTAIN CONDITIONS, FOR REVEALS GREATER
THAN 1/2", METAL CLOSURES MAY BE REQUIRED,
REFERENCE [AR-PJ-03-DW4V](#) DW4000 STANDARD REVEALS
FOR DETAILS NOT SHOWN HERE

REVISION

REVISION #	DATE
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FRAMED OPENING HEAD
W/ TRIM

DETAIL #: AR-FO-06-DW4V

RELEASE: 2026

REGION: NORTH AMERICA

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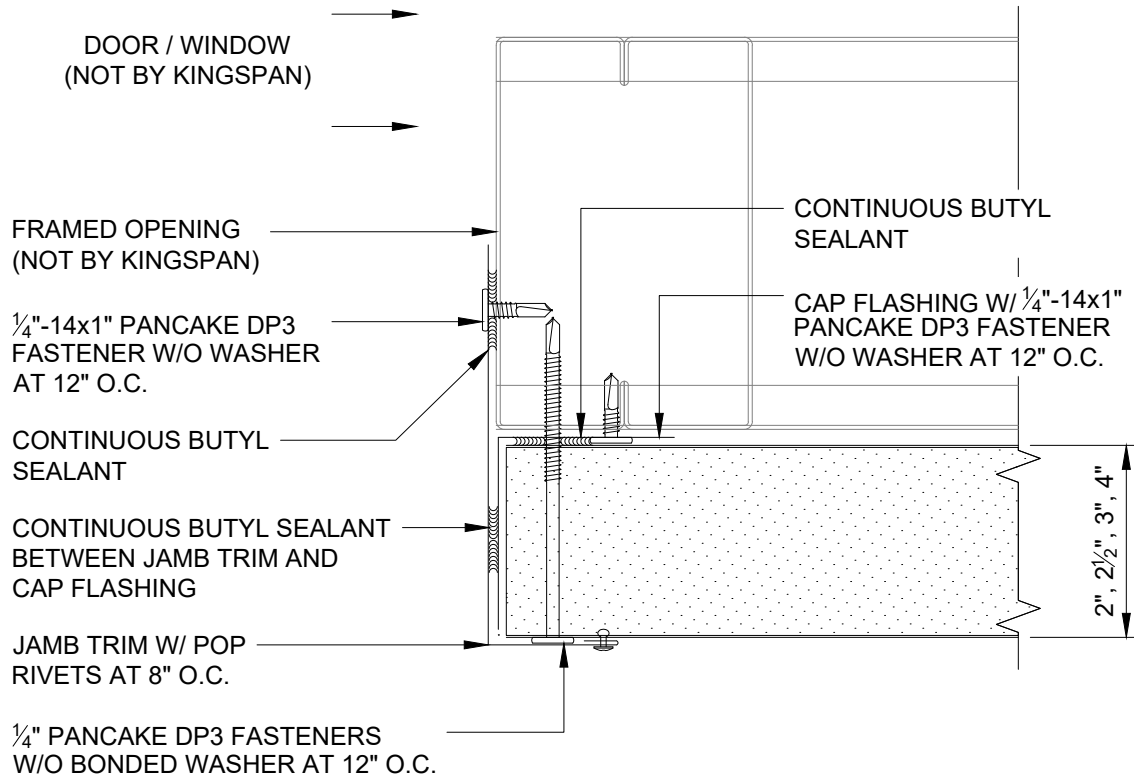


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DW 4000 - VERTICAL INSTALLATION

NOTE: FASTENER LENGTH VARIES
DEPENDING ON CONDITION

REFER TO
VERTICAL JOINT
DETAILS FOR
SHEATHING
REQUIREMENTS



NOTE: SEE DETAIL [AR-FO-09-DW4V](#) FOR TYPICAL TRIM LAP INSTRUCTIONS

REVISION

REVISION #	DATE
3	6/5/26

FRAMED OPENING JAMB
W/ TRIM

DETAIL #: AR-FO-07-DW4V

RELEASE: 2026

REGION: NORTH AMERICA

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DW 4000 - VERTICAL INSTALLATION

NOTE: FASTENER LENGTH VARIES
DEPENDING ON CONDITION

DOOR / WINDOW
(NOT BY KINGSPAN)

REFER TO
VERTICAL JOINT
DETAILS FOR
SHEATHING
REQUIREMENTS

CONTINUOUS BUTYL SEALANT
BETWEEN SILL TRIM AND FLASHING

SILL TRIM W/ POP
RIVETS AT 8" O.C.

PLUG SEAL TOP OF VERTICAL PANEL
JOINTS W/ SILICONE SEALANT TYP.
(NOT BY KINGSPAN)

(2) 1/4" HWH DP3 BI-METAL
FASTENERS W/O BONDED
WASHER PER CLIP

S.S. FASTENING CLIP W/
PVC FOAM TAPE STRIP SEAL

WEDGE GASKET

FRAMED OPENING
(NOT BY KINGSPAN)

CONTINUOUS BUTYL SEALANT

1/4"-14x1" PANCAKE DP3
FASTENER W/O WASHER
AT 12" O.C.

CONTINUOUS BUTYL SEALANT
W/ MARRIAGE BEAD TO
EXTERIOR SIDE GASKET

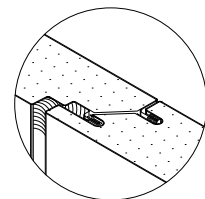
SILL FLASHING W/ 1/4"-14x1"
PANCAKE DP3 FASTENER
W/O WASHER AT 12" O.C.

FACTORY APPLIED
BUTYL SEALANT

2", 2 1/2", 3", 4"

NOTE: SEE DETAIL [AR-FO-09-DW4V](#) FOR TYPICAL TRIM LAP INSTRUCTIONS

NOTE: IN CERTAIN CONDITIONS, FOR REVEALS GREATER
THAN 1/2", METAL CLOSURES MAY BE REQUIRED,
REFERENCE [AR-PJ-03-DW4V](#) DW4000 STANDARD REVEALS
FOR DETAILS NOT SHOWN HERE



PLUG SEAL LOCATION

REVISION	
REVISION #	DATE
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FRAMED OPENING SILL
W/ TRIM

DETAIL #: AR-FO-08-DW4V

RELEASE: 2026

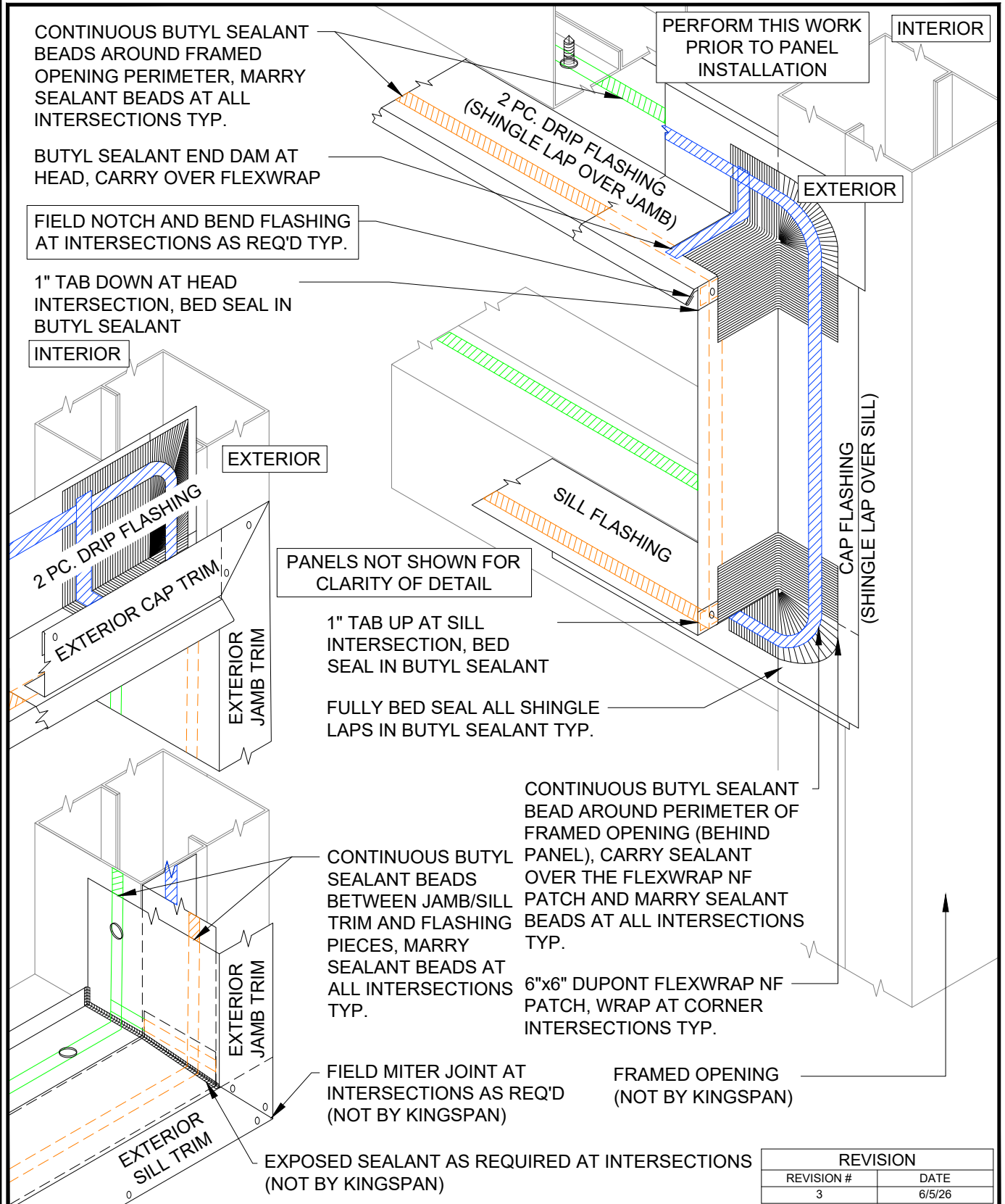
REGION: NORTH AMERICA

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DW 4000 - VERTICAL INSTALLATION



FRAMED OPENING LAP
W/ TRIM

DETAIL #: AR-FO-09-DW4V

RELEASE: 2026

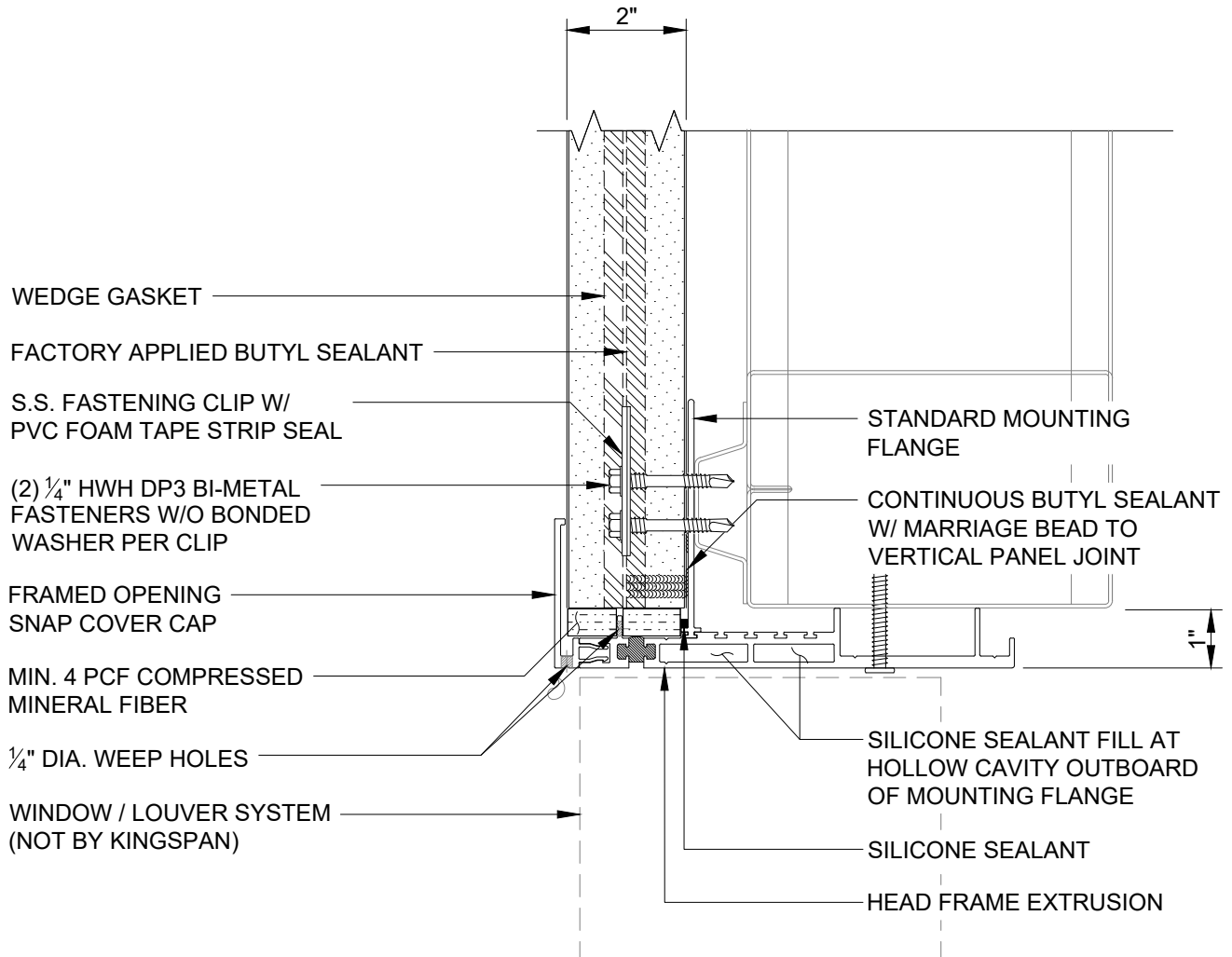
REGION: NORTH AMERICA

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DW 4000 - VERTICAL INSTALLATION



REVISION	
REVISION #	DATE
3	6/5/26

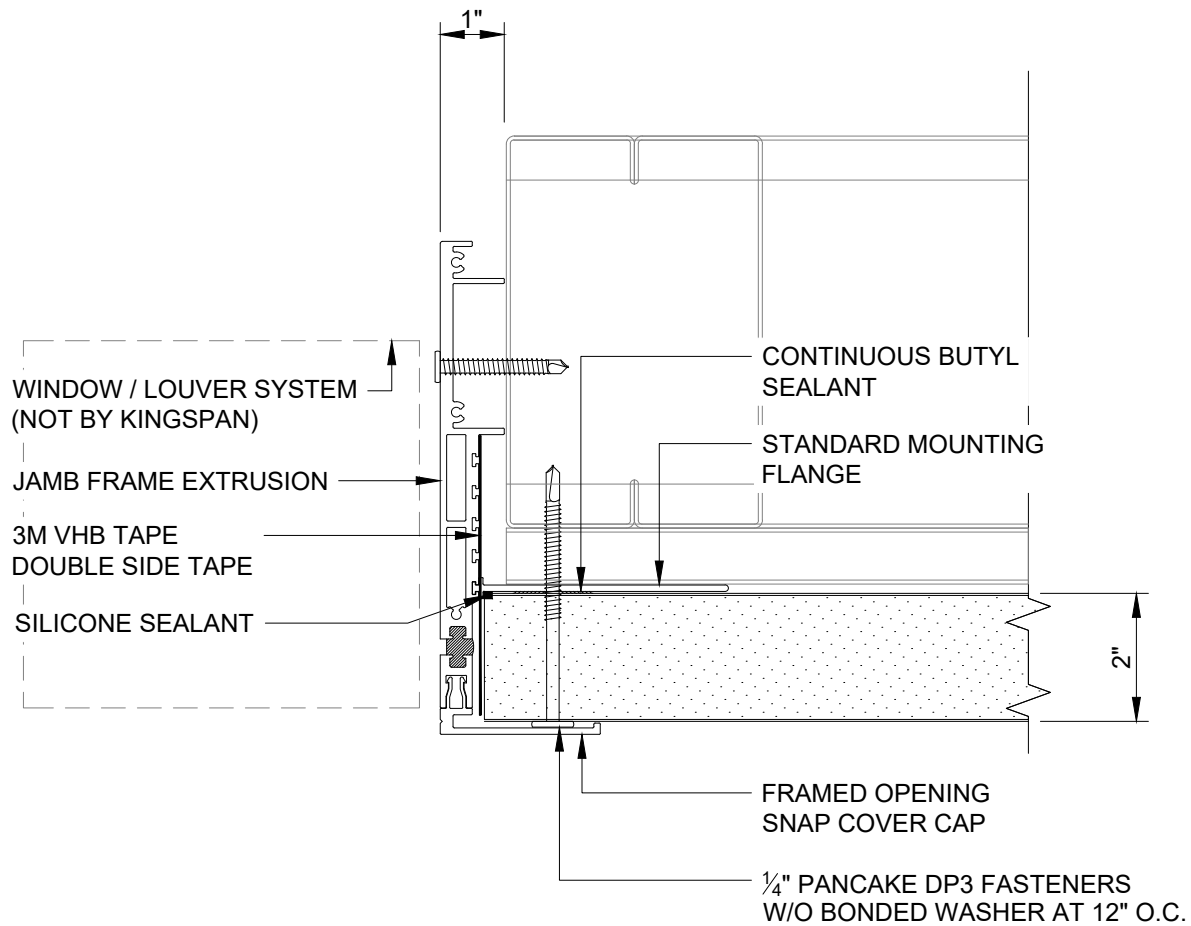
HEAD DETAIL
WINDOW / LOUVER OPENING

DETAIL #: AR-FO-10-DW4V
RELEASE: 2026
REGION: NORTH AMERICA
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BENCHMARK™

DW 4000 - VERTICAL INSTALLATION



REVISION	
REVISION #	DATE
3	6/5/26

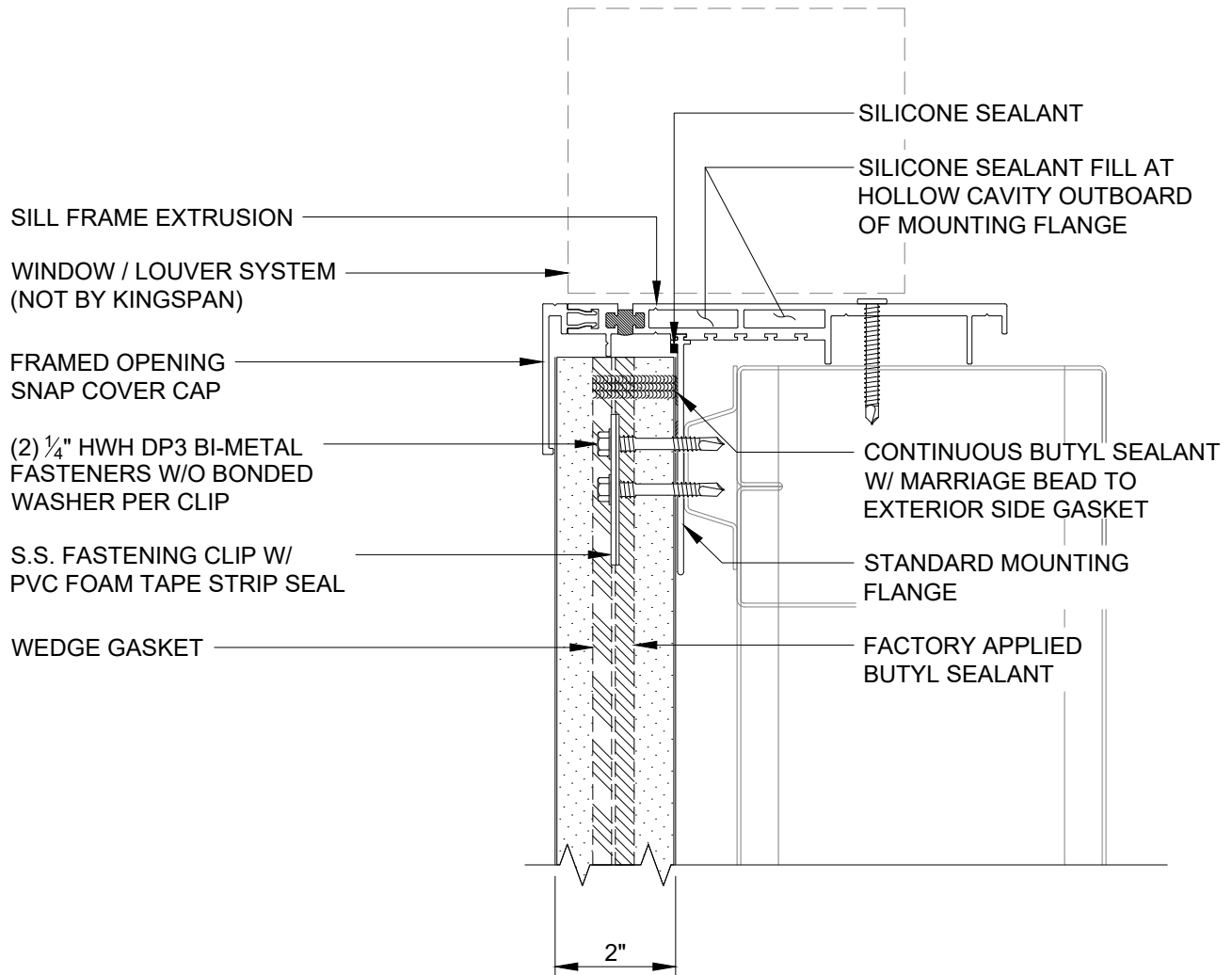
JAMB DETAIL
WINDOW / LOUVER OPENING

DETAIL #: AR-FO-11-DW4V
RELEASE: 2026
REGION: NORTH AMERICA
www.kingspanpanels.com



BENCHMARK™

DW 4000 - VERTICAL INSTALLATION



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SILL DETAIL
WINDOW / LOUVER OPENING

DETAIL #: AR-FO-12-DW4V
RELEASE: 2026
REGION: NORTH AMERICA
www.kingspanpanels.com

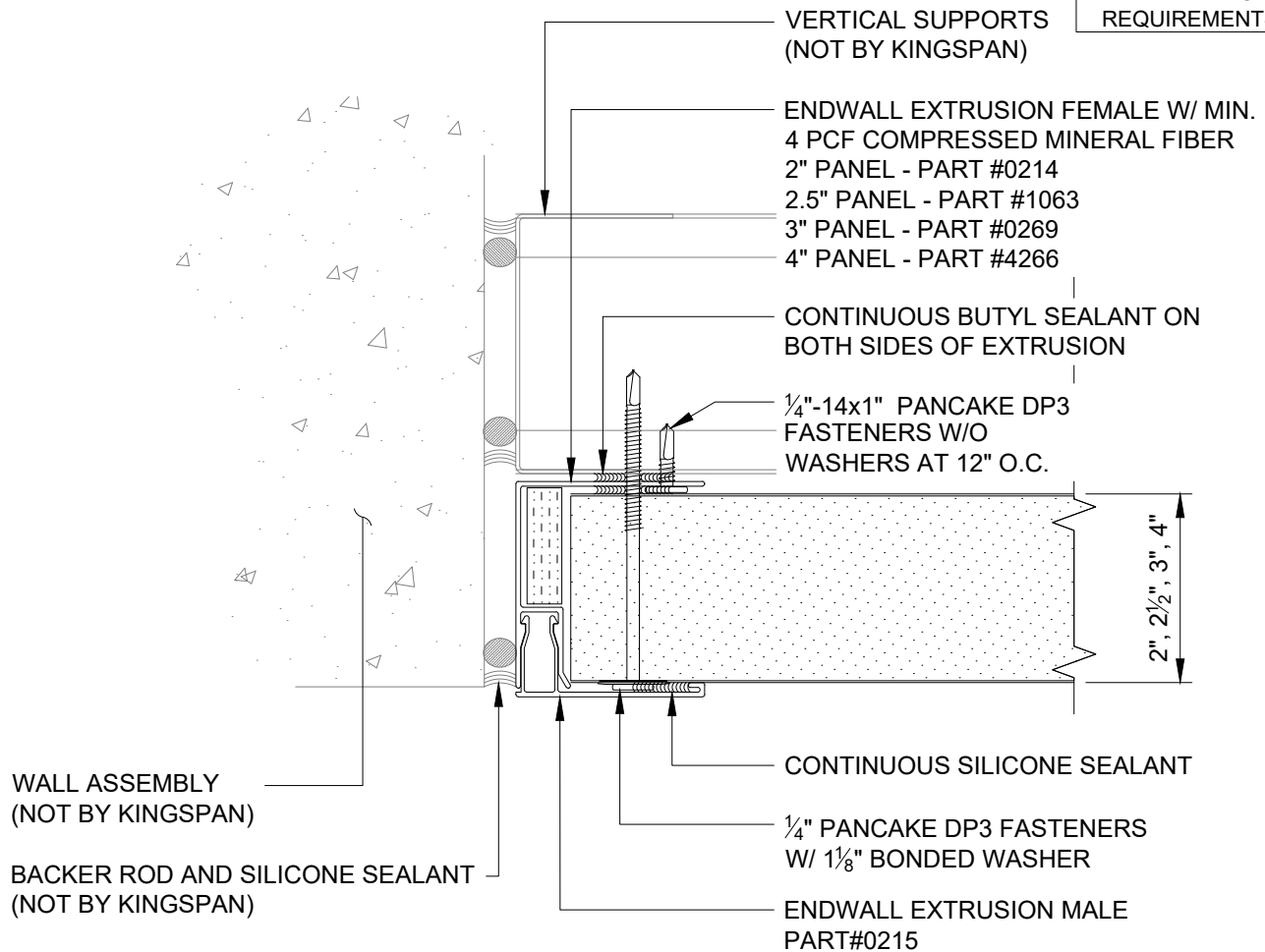


BENCHMARK™

DW 4000 - VERTICAL INSTALLATION

NOTE: FASTENER LENGTH VARIES
DEPENDING ON CONDITION

REFER TO
VERTICAL JOINT
DETAILS FOR
SHEATHING
REQUIREMENTS



REVISION	
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3	6/5/26

ENDWALL DETAIL
W/ EXTRUSION

DETAIL #: AR-EW-01-DW4V
RELEASE: 2026
REGION: NORTH AMERICA
www.kingspanpanels.com

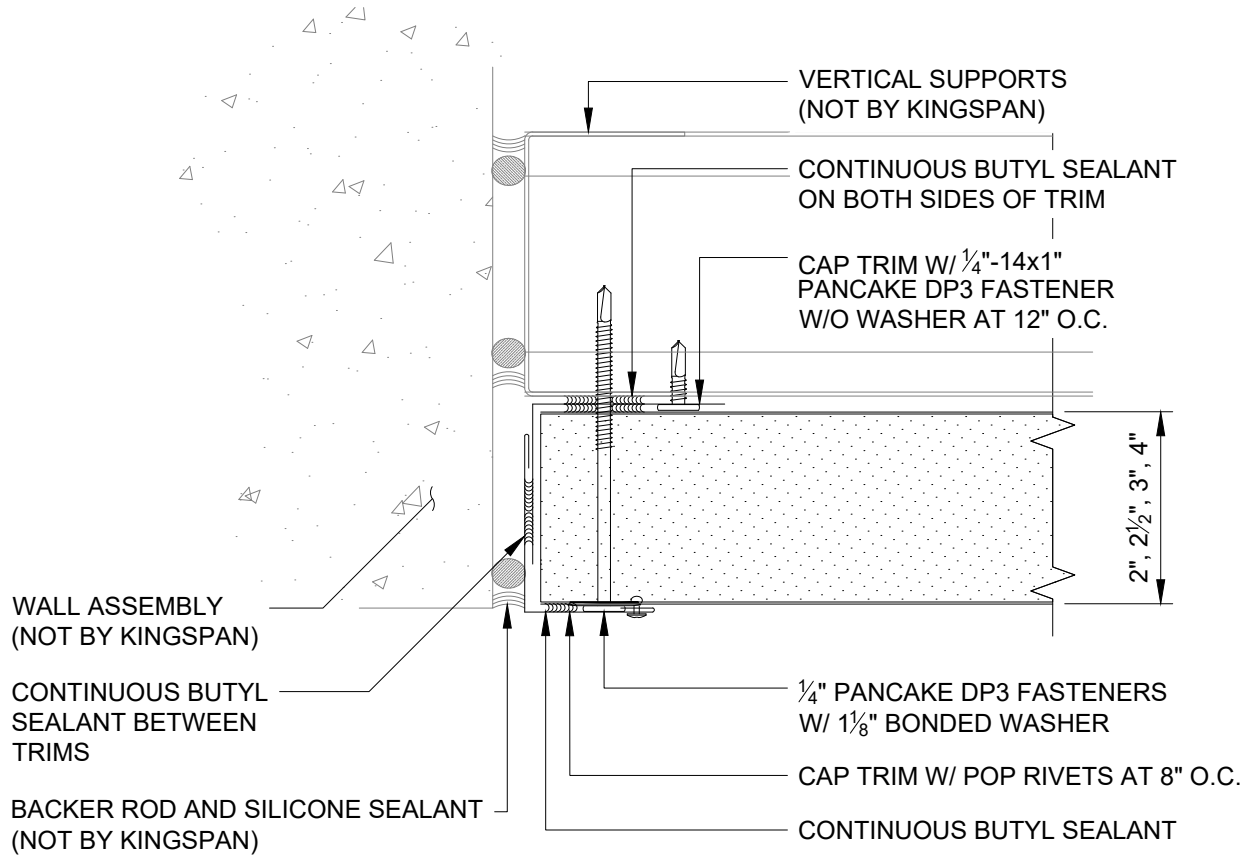


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DW 4000 - VERTICAL INSTALLATION

NOTE: FASTENER LENGTH VARIES
DEPENDING ON CONDITION

REFER TO
VERTICAL JOINT
DETAILS FOR
SHEATHING
REQUIREMENTS



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ENDWALL DETAIL
W/ TRIM

DETAIL #: AR-EW-02-DW4V

RELEASE: 2026

REGION: NORTH AMERICA

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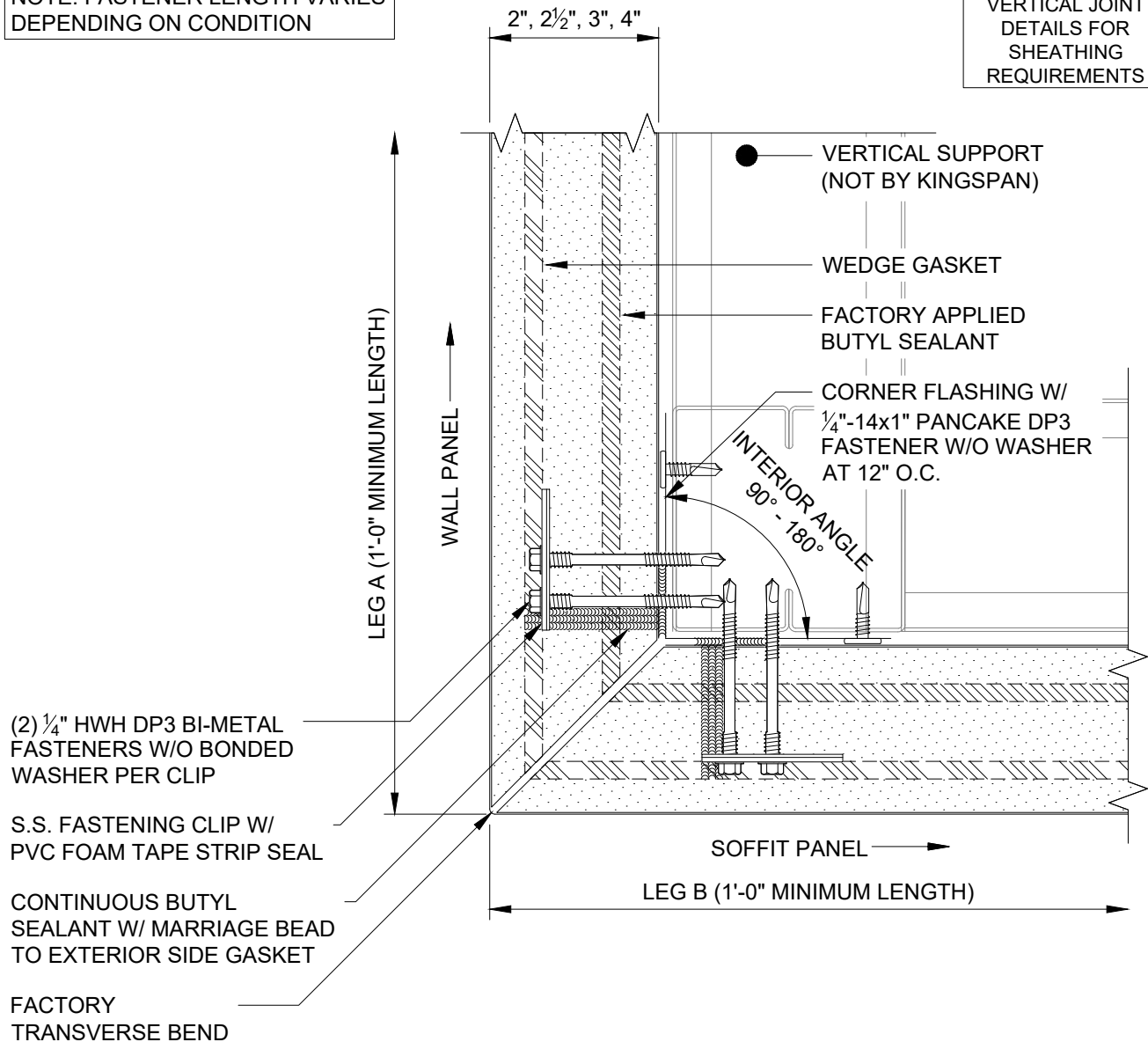


BENCHMARK™

DW 4000 - VERTICAL INSTALLATION

NOTE: FASTENER LENGTH VARIES
DEPENDING ON CONDITION

REFER TO
VERTICAL JOINT
DETAILS FOR
SHEATHING
REQUIREMENTS



NOTE: SHIPPING ANGLES ON FACTORY FOLDED CORNERS CAN BE REMOVED PRIOR TO INSTALLATION. HOWEVER, THIS DOES NOT REPLACE THE REQUIREMENT FOR THE CORNER FLASHING. ALL SEALANT PLACEMENT SHOULD BE DONE IN SUCH A MANNER THAT THE SHIPPING ANGLE, IF LEFT ON THE PANEL, IS CONTAINED WITHIN THE SEALANT PATH

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

NOTE: THE MAXIMUM LENGTH OF THE SHORTEST LEG OF A TRANSVERSE BEND PANEL IS 6'-0"

REVISION

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SOFFIT DETAIL
TRANSVERSE BEND

DETAIL #: AR-SF-01-DW4V

RELEASE: 2026

REGION: NORTH AMERICA

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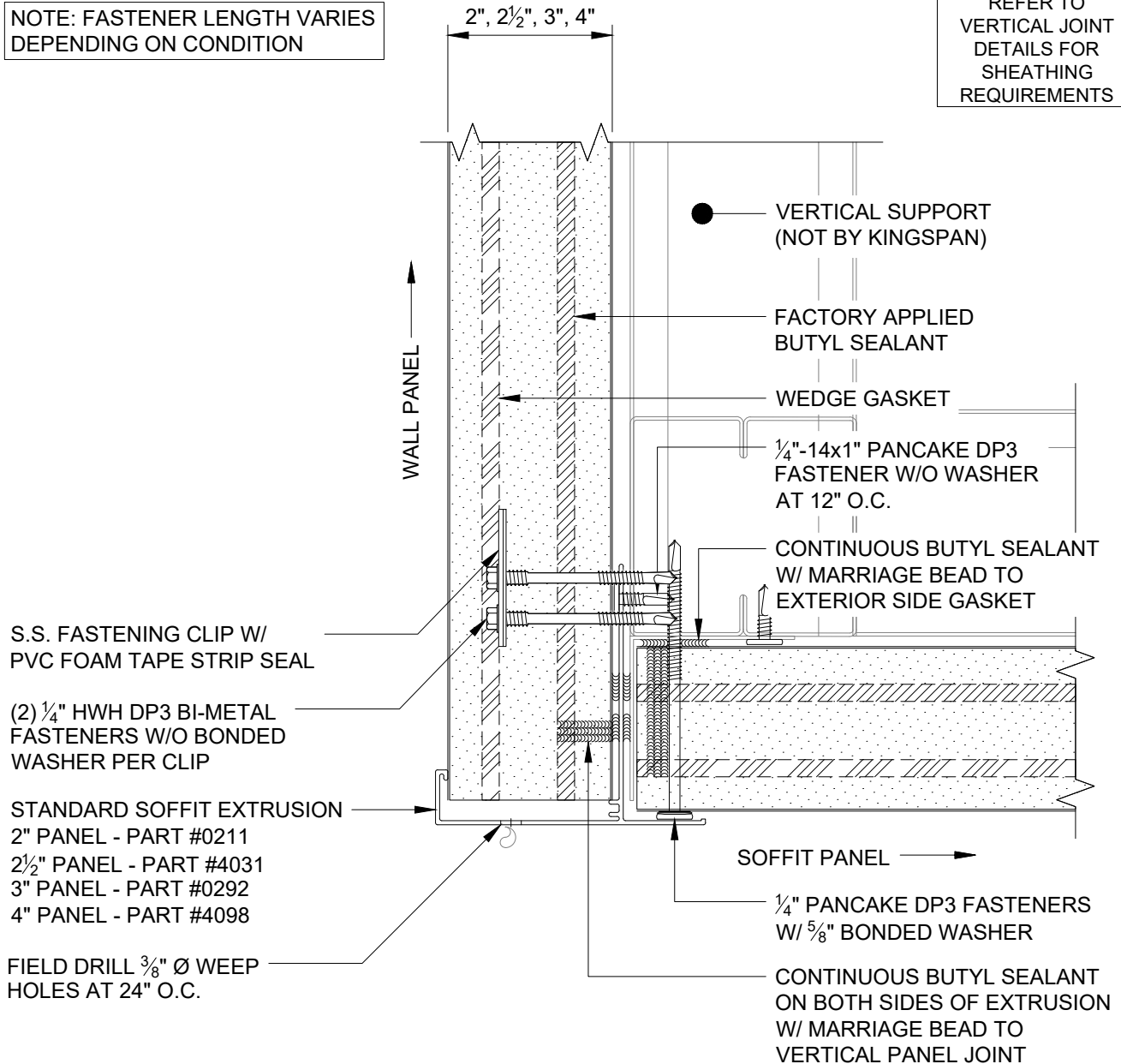


BENCHMARK™

DW 4000 - VERTICAL INSTALLATION

NOTE: FASTENER LENGTH VARIES
DEPENDING ON CONDITION

REFER TO
VERTICAL JOINT
DETAILS FOR
SHEATHING
REQUIREMENTS



NOTE: IN CERTAIN CONDITIONS, FOR REVEALS GREATER THAN 1/2", METAL CLOSURES MAY BE REQUIRED, REFERENCE [AR-PJ-03-DW4V](#) DW4000 STANDARD REVEALS FOR DETAILS NOT SHOWN HERE

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SOFFIT DETAIL
W/ EXTRUSION

DETAIL #: AR-SF-02-DW4V

RELEASE: 2026

REGION: NORTH AMERICA

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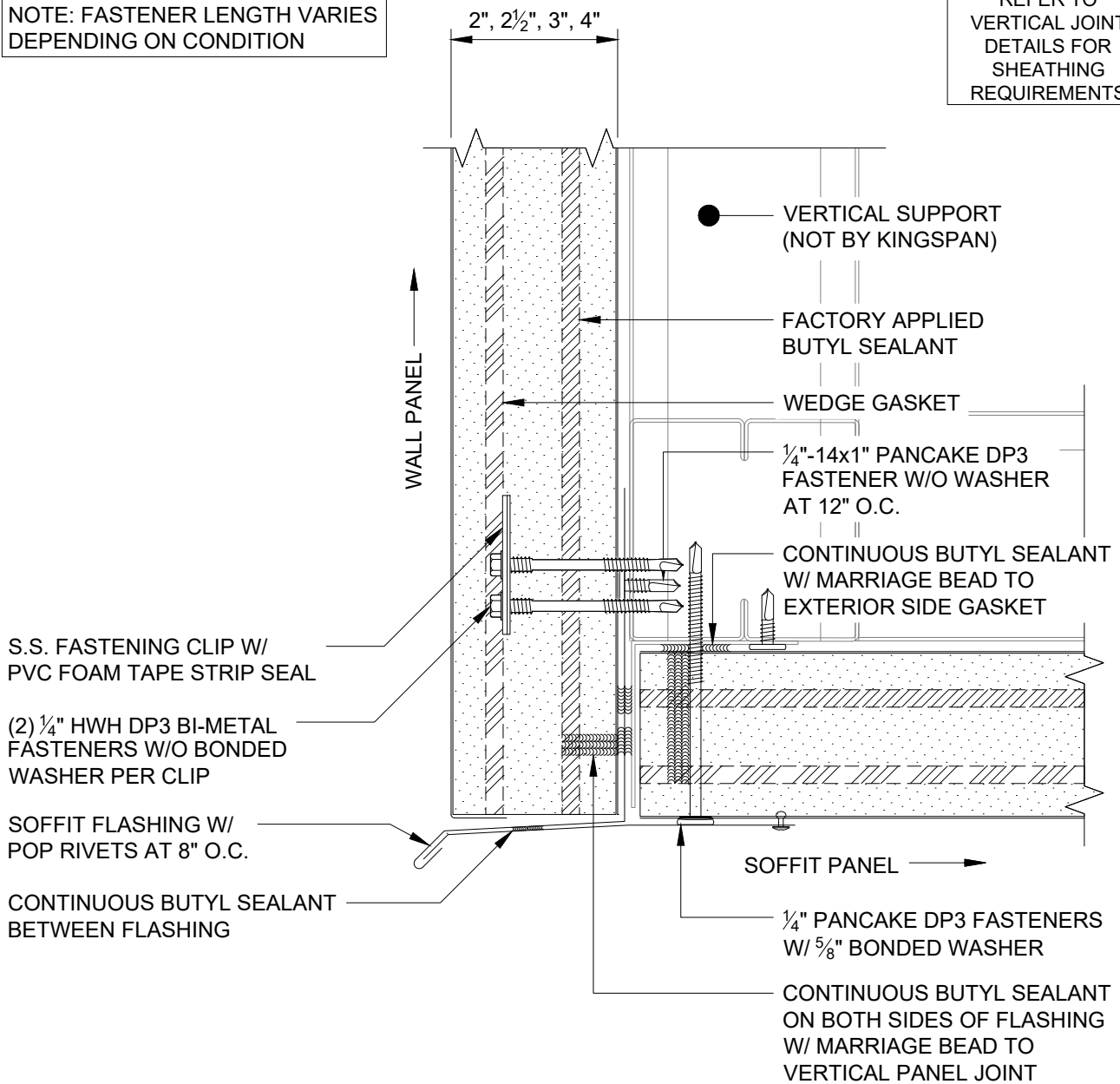


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DW 4000 - VERTICAL INSTALLATION

NOTE: FASTENER LENGTH VARIES
DEPENDING ON CONDITION

REFER TO
VERTICAL JOINT
DETAILS FOR
SHEATHING
REQUIREMENTS



NOTE: IN CERTAIN CONDITIONS, FOR REVEALS GREATER THAN 1/2", METAL CLOSURES MAY BE
REQUIRED, REFERENCE [AR-PJ-03-DW4V](#) DW4000 STANDARD REVEALS FOR DETAILS NOT SHOWN HERE

REVISION	
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SOFFIT DETAIL
W/ TRIM

DETAIL #: AR-SF-03-DW4V

RELEASE: 2026

REGION: NORTH AMERICA

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DW 4000 - VERTICAL INSTALLATION

NOTE: FASTENER LENGTH VARIES
DEPENDING ON CONDITION

REFER TO
VERTICAL JOINT
DETAILS FOR
SHEATHING
REQUIREMENTS

CONTINUOUS SILICONE SEALANT
(NOT BY KINGSPAN)

PARAPET EXTRUSION
PART#1598

WRAP MEMBRANE
(NOT BY KINGSPAN)

PLUG SEAL TOP OF VERTICAL
JOINTS W/ SILICONE SEALANT
TYP.
(NOT BY KINGSPAN)

(2) 1/4" HWH DP3 BI-METAL
FASTENERS W/O BONDED
WASHER PER CLIP

CAP TRIM W/ POP
RIVETS AT 8" O.C.

S.S. FASTENING CLIP W/
PVC FOAM TAPE STRIP SEAL

WEDGE GASKET

FACTORY APPLIED
BUTYL SEALANT

#10-16x3/4" PANCAKE
DP3 #6017 AT 12" O.C.

PARAPET BLOCKING

FABRICATED METAL
FLASHING EXTENSION

CONTINUOUS BUTYL
SEALANT ON BOTH SIDES
OF FLASHING W/ MARRIAGE
BEAD TO EXTERIOR SIDE
GASKET

CAP FLASHING W/ 1/4"-14X1"
PANCAKE DP3 FASTENERS
W/O WASHERS AT 12" O.C.

FASTENERS TO
PARAPET BACKER
(NOT BY KINGSPAN)

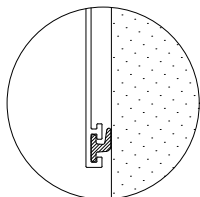
PARAPET SHEATHING
(NOT BY KINGSPAN)

ROOF MEMBRANE
WRAP OVER CAP TRIM
(NOT BY KINGSPAN)

VERTICAL SUPPORTS
(NOT BY KINGSPAN)

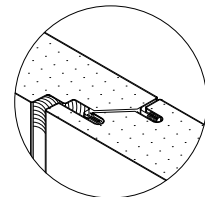
2", 2 1/2", 3", 4"

8" LAP STRIP, BED SEAL IN BUTYL
SEALANT AT LAP STRIP LOCATIONS
FASTEN WITH STITCH SCREWS
BOTH SIDES OF LAP STRIP AT 3" O.C.
SEE DETAIL [AR-TL-02-DW4V](#)



WIPER GASKET
(FIELD INSTALLED)

NOTE: IN CERTAIN CONDITIONS, FOR REVEALS GREATER
THAN 1/2", METAL CLOSURES MAY BE REQUIRED,
REFERENCE [AR-PJ-03-DW4V](#) DW4000 STANDARD REVEALS
FOR DETAILS NOT SHOWN HERE



PLUG SEAL LOCATION

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PARAPET DETAIL
W/ EXTRUSION

DETAIL #: AR-PR-01-DW4V

RELEASE: 2026

REGION: NORTH AMERICA

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BENCHMARK™

DW 4000 - VERTICAL INSTALLATION

NOTE: FASTENER LENGTH VARIES
DEPENDING ON CONDITION

REFER TO
VERTICAL JOINT
DETAILS FOR
SHEATHING
REQUIREMENTS

WRAP MEMBRANE
(NOT BY KINGSPAN)

CAP TRIM W/ POP
RIVETS AT 8" O.C.

PLUG SEAL TOP OF VERTICAL
JOINTS W/ SILICONE SEALANT
TYP.
(NOT BY KINGSPAN)

S.S. FASTENING CLIP W/
PVC FOAM TAPE STRIP SEAL

(2) 1/4" HWH DP3 BI-METAL
FASTENERS W/O BONDED
WASHER PER CLIP

CLEAT AND FASTENERS
(NOT BY KINGSPAN)

WEDGE GASKET

FACTORY APPLIED
BUTYL SEALANT

SPRING CLEAT
(NOT BY KINGSPAN)

PARAPET BLOCKING
(NOT BY KINGSPAN)

PARAPET CAP FLASHING

CONTINUOUS BUTYL
SEALANT ON BOTH SIDES
OF FLASHING W/ MARRIAGE
BEAD TO EXTERIOR SIDE
GASKET

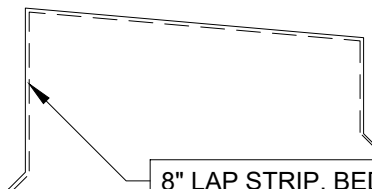
CAP FLASHING W/ 1/4"-14X1"
PANCAKE DP3 FASTENERS
W/O WASHERS AT 12" O.C.

FASTENERS TO
PARAPET BACKER
(NOT BY KINGSPAN)

PARAPET SHEATHING
(NOT BY KINGSPAN)

ROOF MEMBRANE
WRAP OVER CAP TRIM
(NOT BY KINGSPAN)

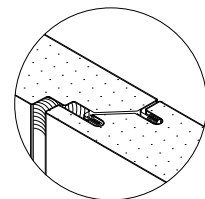
VERTICAL SUPPORTS
(NOT BY KINGSPAN)



8" LAP STRIP, BED SEAL IN BUTYL
SEALANT AT LAP STRIP LOCATIONS
FASTEN WITH STITCH SCREWS
BOTH SIDES OF LAP STRIP AT 3" O.C.
SEE DETAIL [AR-TL-05-DW4V](#)

2", 2 1/2", 3", 4"

NOTE: IN CERTAIN CONDITIONS, FOR REVEALS GREATER
THAN 1/2", METAL CLOSURES MAY BE REQUIRED,
REFERENCE [AR-PJ-03-DW4V](#) DW4000 STANDARD REVEALS
FOR DETAILS NOT SHOWN HERE



PLUG SEAL LOCATION

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PARAPET DETAIL
W/ TRIM

DETAIL #: AR-PR-02-DW4V

RELEASE: 2026

REGION: NORTH AMERICA

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DW 4000 - VERTICAL INSTALLATION

NOTE: FASTENER LENGTH VARIES
DEPENDING ON CONDITION

REFER TO
VERTICAL JOINT
DETAILS FOR
SHEATHING
REQUIREMENTS

WRAP MEMBRANE
(NOT BY KINGSPAN)

CAP TRIM W/ POP
RIVETS AT 8" O.C.

S.S. FASTENING CLIP W/
PVC FOAM TAPE STRIP SEAL

(2) 1/4" HWH DP3 BI-METAL
FASTENERS W/O BONDED
WASHER PER CLIP

PLUG SEAL TOP OF
VERTICAL JOINTS W/
SILICONE SEALANT TYP.
(NOT BY KINGSPAN)

POP RIVETS AT 8" O.C.

WEDGE GASKET

FACTORY APPLIED
BUTYL SEALANT

SPRING CLEAT
(NOT BY KINGSPAN)

PARAPET BLOCKING
(NOT BY KINGSPAN)

PROFILED PARAPET CAP
FLASHING

CONTINUOUS BUTYL
SEALANT ON BOTH SIDES
OF FLASHING W/ MARRIAGE
BEAD TO EXTERIOR SIDE
GASKET

CAP FLASHING W/ 1/4"-14X1"
PANCAKE DP3 FASTENERS
W/O WASHERS AT 12" O.C.

FASTENERS TO
PARAPET BACKER
(NOT BY KINGSPAN)

PARAPET SHEATHING
(NOT BY KINGSPAN)

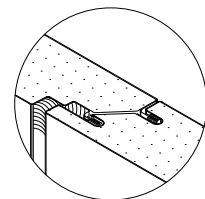
ROOF MEMBRANE
WRAP OVER CAP TRIM
(NOT BY KINGSPAN)

VERTICAL SUPPORTS
(NOT BY KINGSPAN)

2", 2 1/2", 3", 4"

8" LAP STRIP, BED SEAL IN BUTYL
SEALANT AT LAP STRIP LOCATIONS
FASTEN WITH STITCH SCREWS
BOTH SIDES OF LAP STRIP AT 3" O.C.
SEE DETAIL [AR-TL-05-DW4V](#)

NOTE: IN CERTAIN CONDITIONS, FOR REVEALS GREATER
THAN 1/2", METAL CLOSURES MAY BE REQUIRED,
REFERENCE [AR-PJ-03-DW4V](#) DW4000 STANDARD REVEALS
FOR DETAILS NOT SHOWN HERE



PLUG SEAL LOCATION

REVISION

REVISION #	DATE
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PARAPET DETAIL
W/ PROFILED TRIM

DETAIL #: AR-PR-03-DW4V

RELEASE: 2026

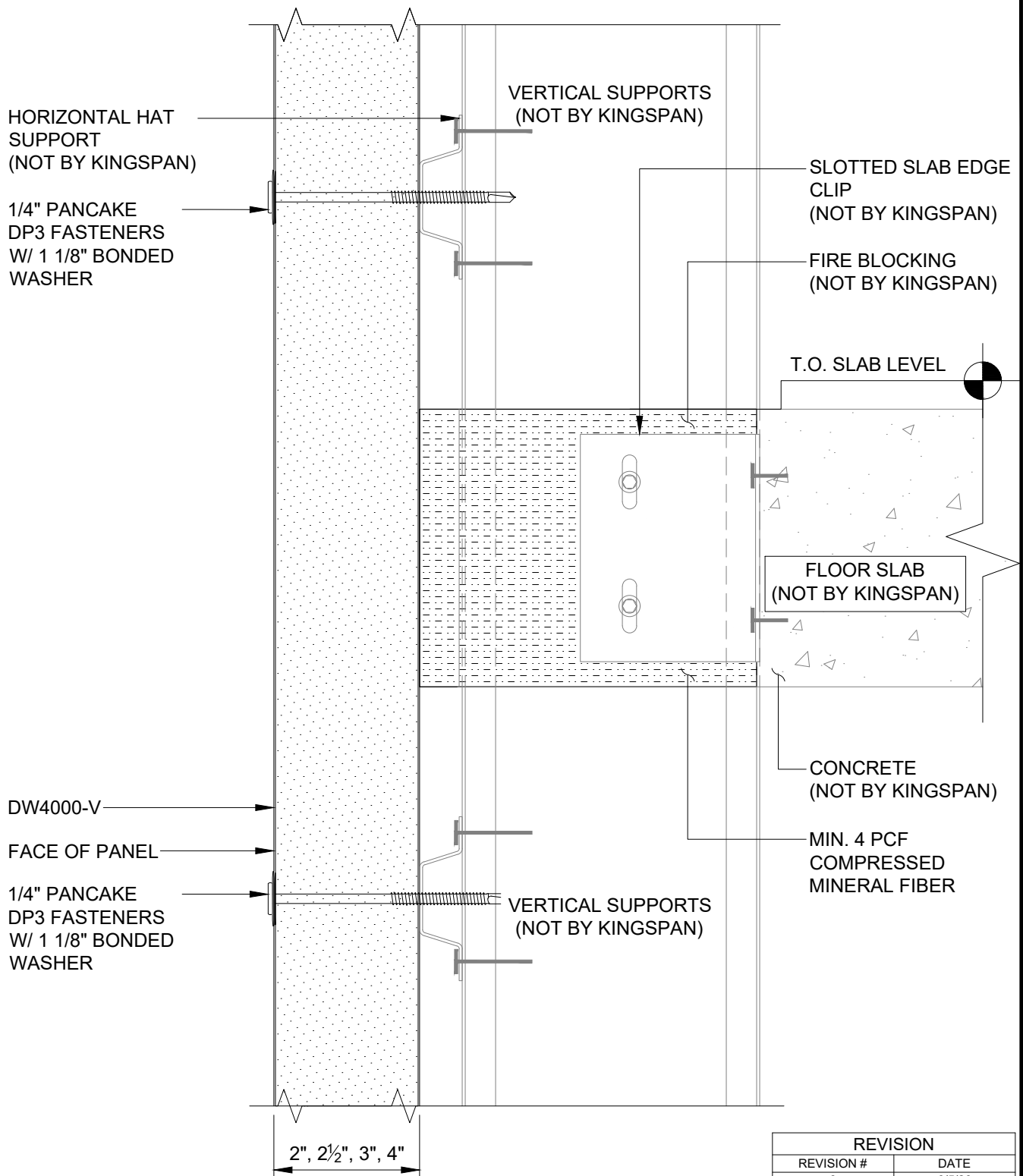
REGION: NORTH AMERICA

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DW 4000 - VERTICAL INSTALLATION



REVISION	
REVISION #	DATE
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SLAB EDGE DETAIL

DETAIL #: AR-SE-01-DW4V

RELEASE: 2026

REGION: NORTH AMERICA

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DW 4000 - VERTICAL INSTALLATION

NOTE:

DO NOT ALIGN PENETRATIONS
AT PANEL JOINT.

SILICONE SEALANT
BETWEEN FLASHING
AND PANEL
(NOT BY KINGSPAN)

SILICONE SEALANT
BETWEEN FLASHING
(NOT BY KINGSPAN)

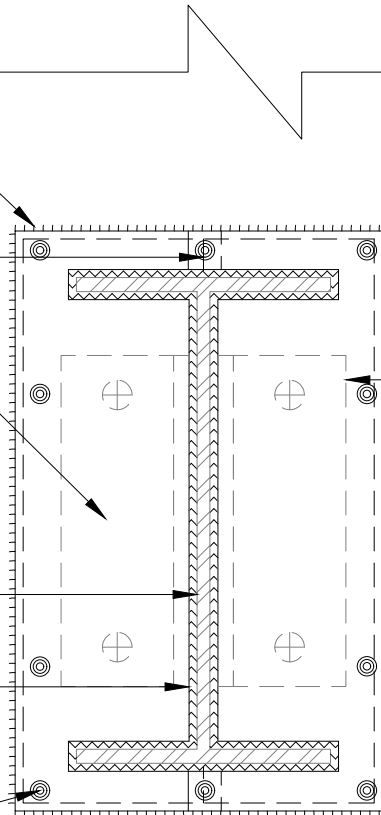
TWO PIECE FLASHING
W/ 1/2" HEM. BED SEAL
TO PANEL W/ BUTYL
SEALANT (BLIND)
COPE FLASHING
(NOT BY KINGSPAN)

BEAM PENETRATION
(NOT BY KINGSPAN)

SILICONE SEALANT AT
PERIMETER OF BEAM
(NOT BY KINGSPAN)

POP RIVETS
(QUANTITY REQUIRED
SHALL BE DETERMINED
BY INSTALLER)

2"x2" ANGLE
(NOT BY KINGSPAN)
ATTACHED TO WEB
OF BEAM BEHIND TWO
PIECE FLASHING



NOTE:

THIS DETAIL ASSUMES
PENETRATION OCCURS
AFTER PANEL IS INSTALLED

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

DW4000 PANEL

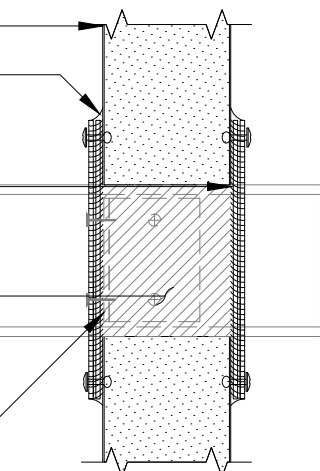
SILICONE SEALANT BETWEEN
FLASHING AND PANEL
(NOT BY KINGSPAN)

SILICONE SEALANT AT
PERIMETER OF BEAM
(NOT BY KINGSPAN)

F.I.P INSULATION
PART# 0639

BEAM PENETRATION

2"x2" ANGLE
(NOT BY KINGSPAN)
ATTACHED TO WEB OF
BEAM BEHIND TWO
PIECE FLASHING



REVISION

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3	6/5/26

BEAM PENETRATION

DETAIL #: AR-PN-01-DW4V

RELEASE: 2026

REGION: NORTH AMERICA

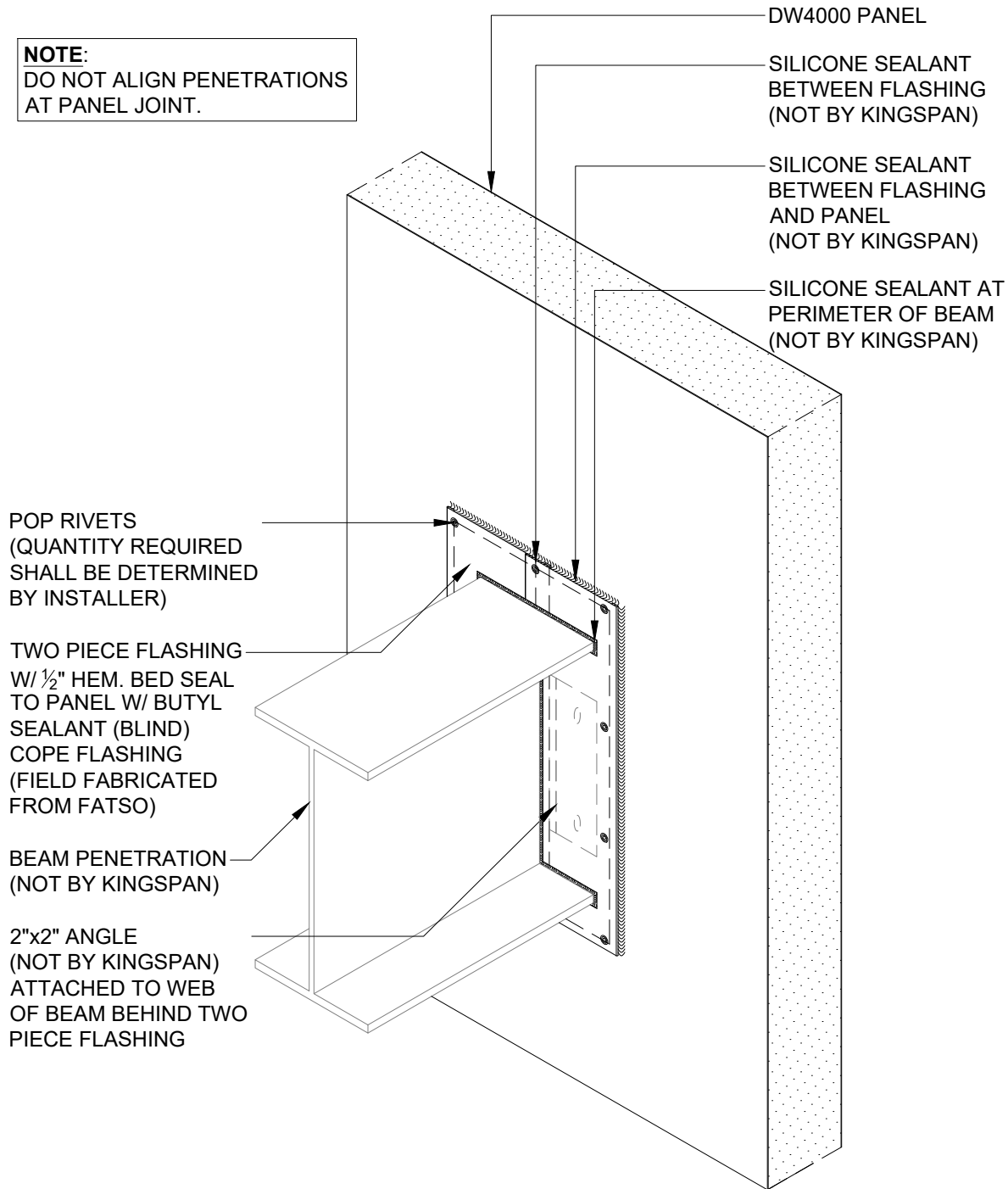
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DW 4000 - VERTICAL INSTALLATION

NOTE:
DO NOT ALIGN PENETRATIONS
AT PANEL JOINT.



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

NOTE:
THIS DETAIL ASSUMES
PENETRATION OCCURS
AFTER PANEL IS INSTALLED

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BEAM PENETRATION
ISOMETRIC

DETAIL #: AR-PN-02-DW4V

RELEASE: 2026

REGION: NORTH AMERICA

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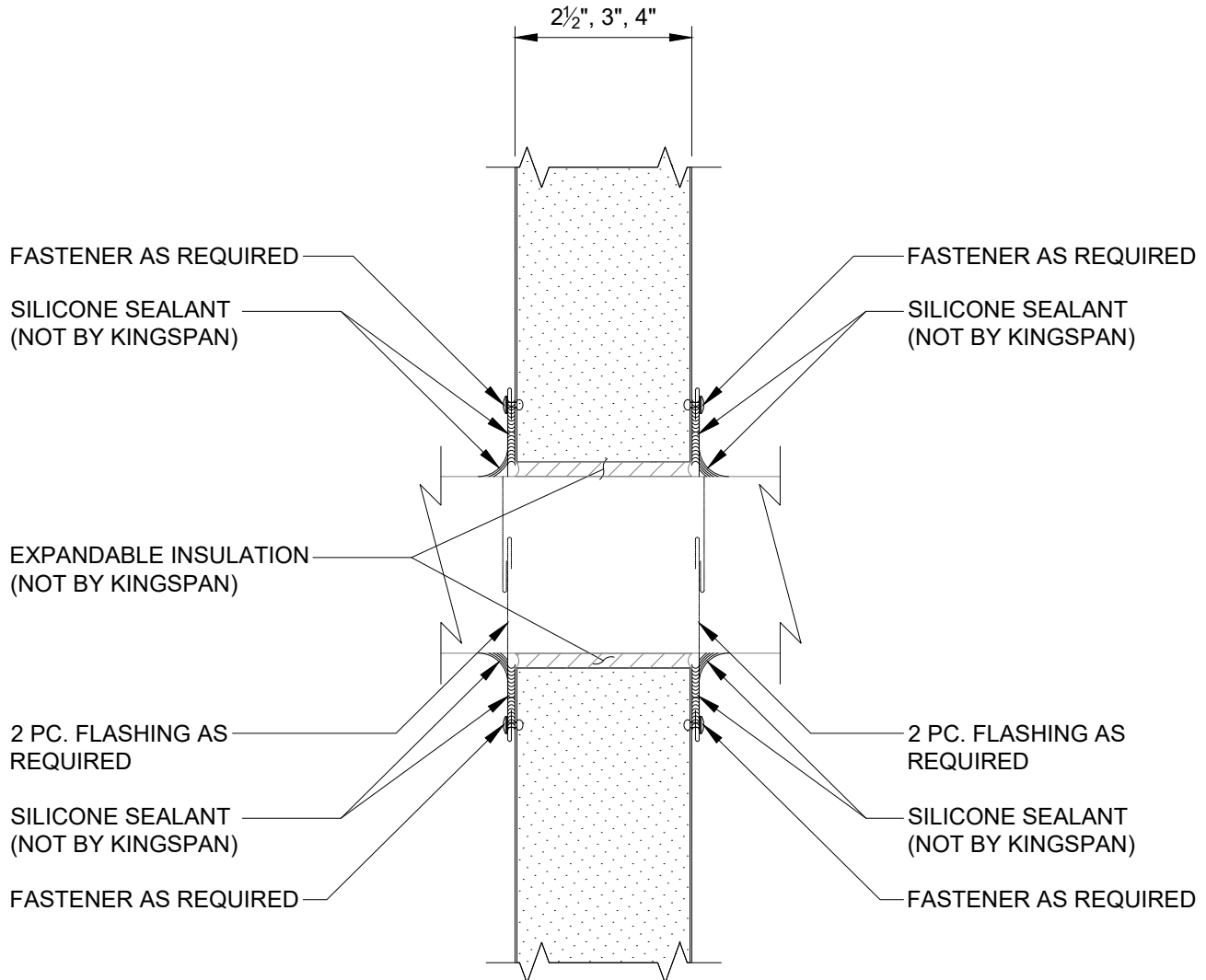


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DW 4000 - VERTICAL INSTALLATION

NOTE:

DO NOT ALIGN PENETRATIONS
AT PANEL JOINT.



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

NOTE:
THIS DETAIL ASSUMES
PENETRATION OCCURS
AFTER PANEL IS INSTALLED

REVISION	
REVISION #	DATE
3	6/5/26

PIPE PENETRATION

DETAIL #: AR-PN-03-DW4V

RELEASE: 2026

REGION: NORTH AMERICA

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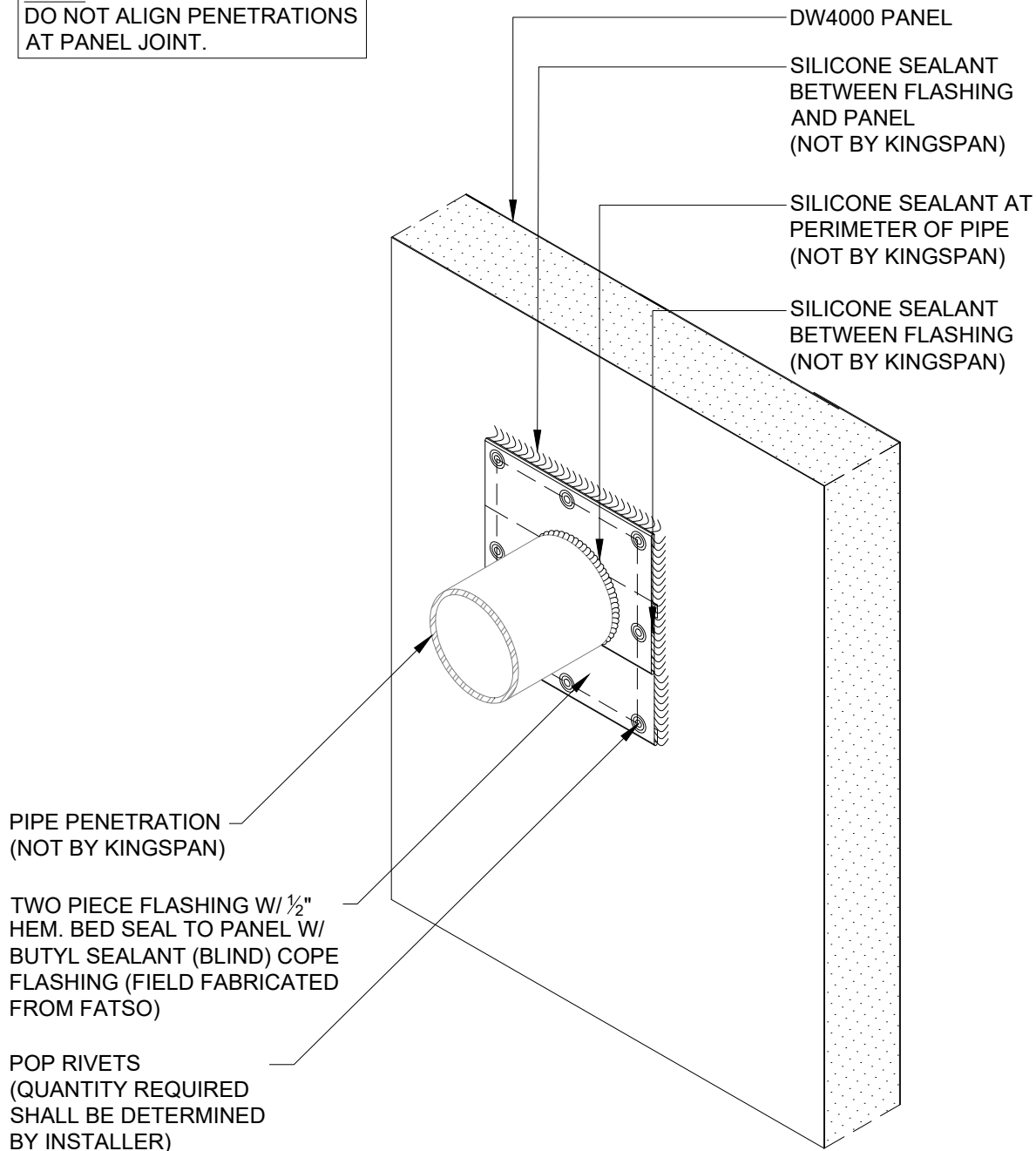


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DW 4000 - VERTICAL INSTALLATION

NOTE:

DO NOT ALIGN PENETRATIONS
AT PANEL JOINT.



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

NOTE:
THIS DETAIL ASSUMES
PENETRATION OCCURS
AFTER PANEL IS INSTALLED

REVISION	
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PIPE PENETRATION
ISOMETRIC

DETAIL #: AR-PN-04-DW4V

RELEASE: 2026

REGION: NORTH AMERICA

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DW 4000 - VERTICAL INSTALLATION

NOTE:

DO NOT ALIGN PENETRATIONS
AT PANEL JOINT.

SILICONE SEALANT
BETWEEN FLASHING
AND PANEL
(NOT BY KINGSPAN)

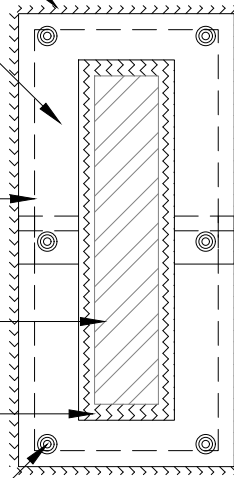
TWO PIECE FLASHING
W/ 1/2" HEM. BED SEAL
TO PANEL W/ BUTYL
SEALANT (BLIND)
COPE FLASHING
(NOT BY KINGSPAN)

SILICONE SEALANT
BETWEEN FLASHING
(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)



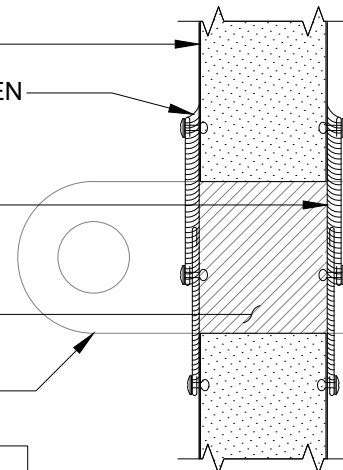
DW4000 PANEL

SILICONE SEALANT BETWEEN
FLASHING AND PANEL
(NOT BY KINGSPAN)

SILICONE SEALANT AT
PERIMETER OF BEAM
(NOT BY KINGSPAN)

F.I.P INSULATION
PART# 0639

KNIFE PENETRATION



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

NOTE:
THIS DETAIL ASSUMES
PENETRATION OCCURS
AFTER PANEL IS INSTALLED

REVISION

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KNIFE PENETRATION

DETAIL #: AR-PN-05-DW4V

RELEASE: 2026

REGION: NORTH AMERICA

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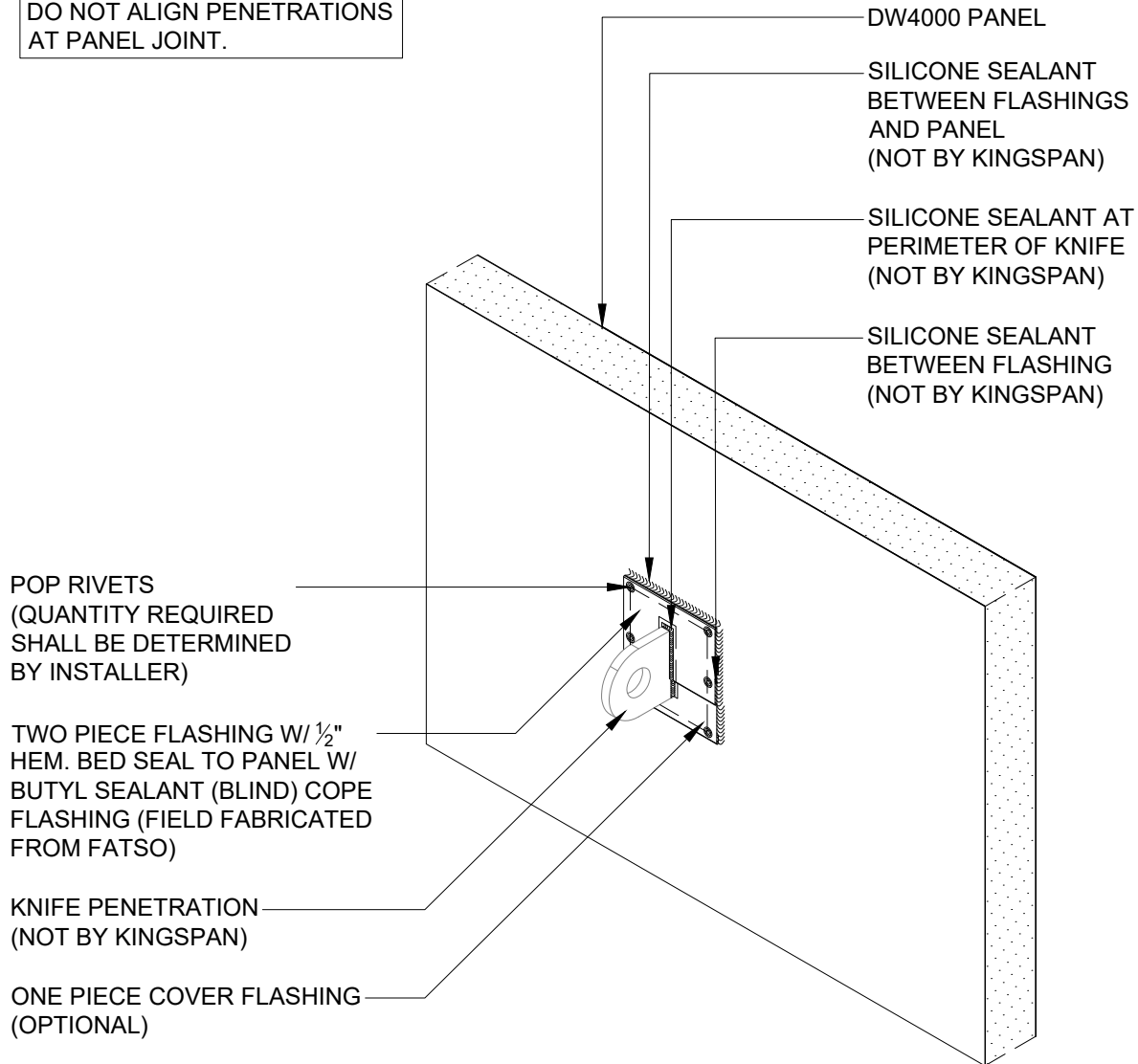


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DW 4000 - VERTICAL INSTALLATION

NOTE:

DO NOT ALIGN PENETRATIONS
AT PANEL JOINT.



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

NOTE:
THIS DETAIL ASSUMES
PENETRATION OCCURS
AFTER PANEL IS INSTALLED

REVISION

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KNIFE PENETRATION
ISOMETRIC

DETAIL #: AR-PN-06-DW4V

RELEASE: 2026

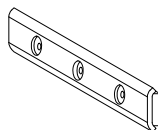
REGION: NORTH AMERICA

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DW 4000 - VERTICAL INSTALLATION



FASTENING CLIP



VJ-1
2" FLAT PANEL
2½" RIBBED PANEL
2½" FLAT PANEL EXTENDED REVEAL



VJ-2
2" FLAT PANEL EXTENDED REVEAL



VJ-2.5
2½" 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

NOTE: VERTICAL JOINT GASKET IS AVAILABLE IN STANDARD BLACK OR LIGHT GRAY COLOR . CUSTOM COLORS ARE AVAILABLE UPON REQUEST, CONTACT KINGSPAN TECHNICAL SERVICES.

REVISION

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ACCESSORIES

DETAIL #: AR-EX-01-DW4V

RELEASE: 2026

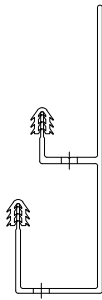
REGION: NORTH AMERICA

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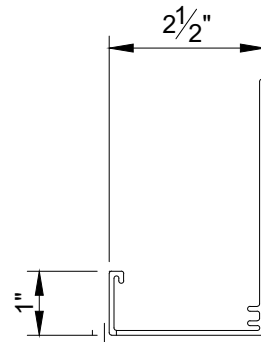
DW 4000 - VERTICAL INSTALLATION



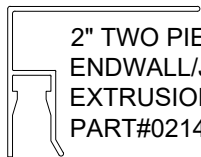
2" PANEL CONCEALED
BASE EXTRUSION
PART#3592



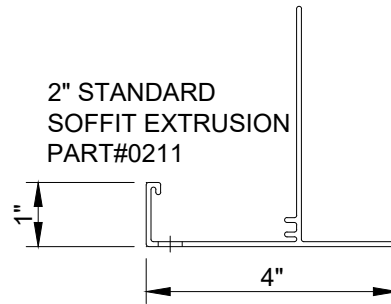
BASE EXTRUSION
SPLICE PLATE
PART#0283



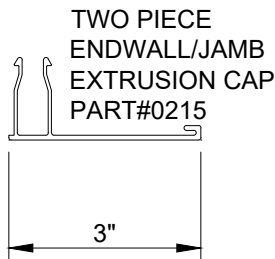
2" STANDARD
BASE EXTRUSION
PART#0218



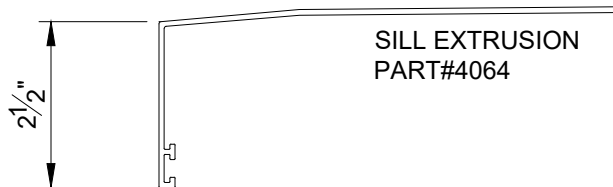
2" TWO PIECE
ENDWALL/JAMB
EXTRUSION RECEIVER
PART#0214



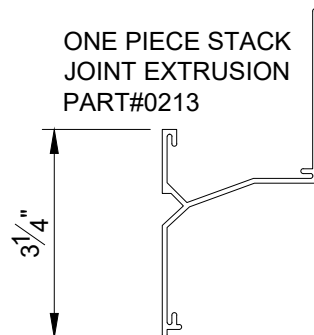
2" STANDARD
SOFFIT EXTRUSION
PART#0211



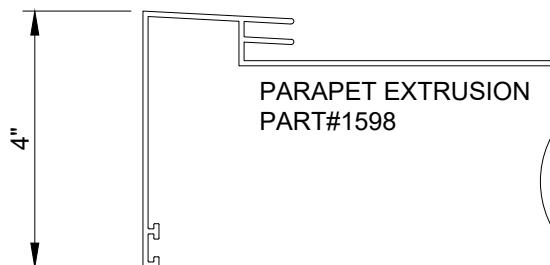
TWO PIECE
ENDWALL/JAMB
EXTRUSION CAP
PART#0215



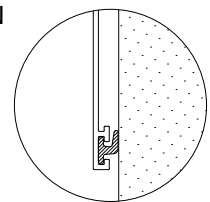
SILL EXTRUSION
PART#4064



ONE PIECE STACK
JOINT EXTRUSION
PART#0213



PARAPET EXTRUSION
PART#1598



WIPER GASKET
(FIELD INSTALLED)

REVISION	
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2" EXTRUSIONS

DETAIL #: AR-EX-02-DW4V

RELEASE: 2026

REGION: NORTH AMERICA

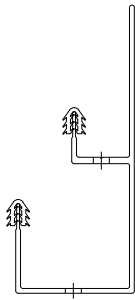
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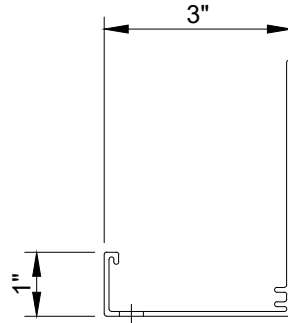
DW 4000 - VERTICAL INSTALLATION



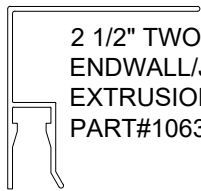
2" PANEL CONCEALED
BASE EXTRUSION
PART#3593



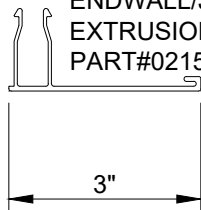
BASE EXTRUSION
SPLICE PLATE
PART#4030



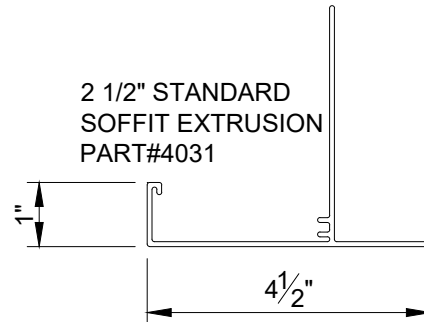
2" STANDARD
BASE EXTRUSION
PART#4096



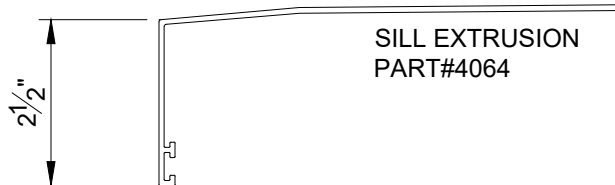
2 1/2" TWO PIECE
ENDWALL/JAMB
EXTRUSION RECEIVER
PART#1063



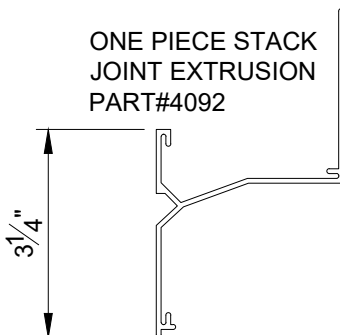
TWO PIECE
ENDWALL/JAMB
EXTRUSION CAP
PART#0215



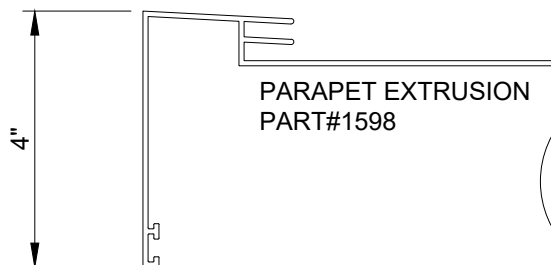
2 1/2" STANDARD
SOFFIT EXTRUSION
PART#4031



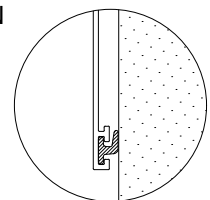
SILL EXTRUSION
PART#4064



ONE PIECE STACK
JOINT EXTRUSION
PART#4092



PARAPET EXTRUSION
PART#1598



WIPER GASKET
(FIELD INSTALLED)

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2 1/2" EXTRUSIONS

DETAIL #: AR-EX-03-DW4V

RELEASE: 2026

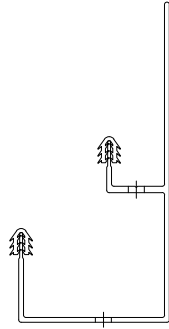
REGION: NORTH AMERICA

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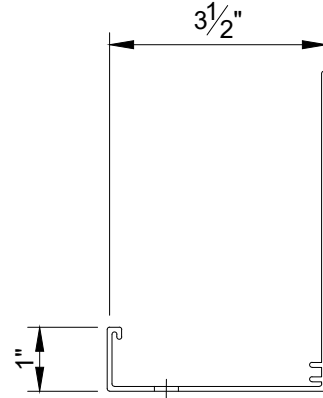
DW 4000 - VERTICAL INSTALLATION



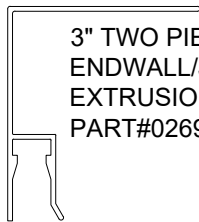
2" PANEL CONCEALED
BASE EXTRUSION
PART#3594



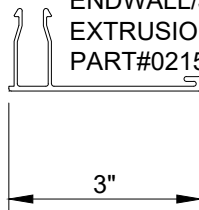
BASE EXTRUSION
SPLICE PLATE
PART#3997



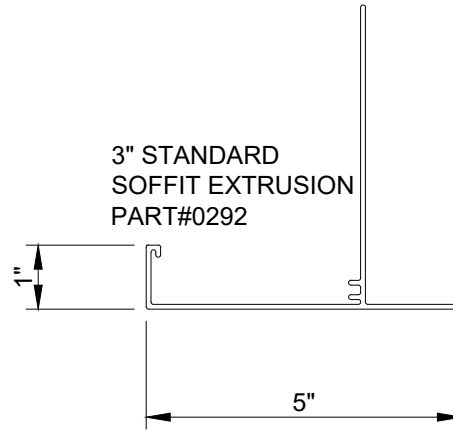
2" STANDARD
BASE EXTRUSION
PART#0227



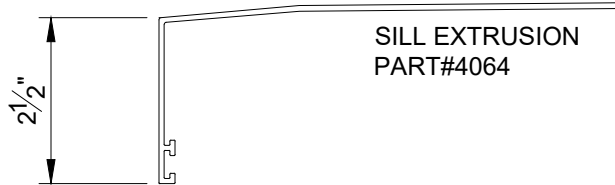
3" TWO PIECE
ENDWALL/JAMB
EXTRUSION RECEIVER
PART#0269



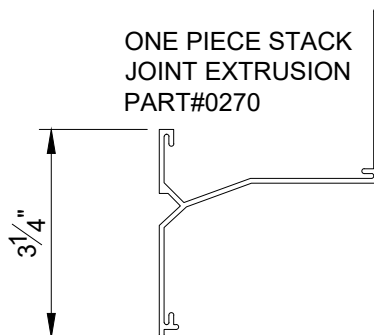
TWO PIECE
ENDWALL/JAMB
EXTRUSION CAP
PART#0215



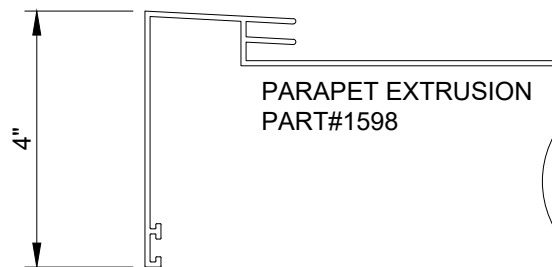
3" STANDARD
SOFFIT EXTRUSION
PART#0292



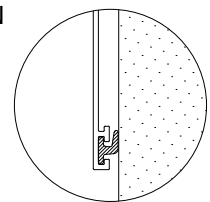
SILL EXTRUSION
PART#4064



ONE PIECE STACK
JOINT EXTRUSION
PART#0270



PARAPET EXTRUSION
PART#1598



WIPER GASKET
(FIELD INSTALLED)

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3" EXTRUSIONS

DETAIL #: AR-EX-04-DW4V

RELEASE: 2026

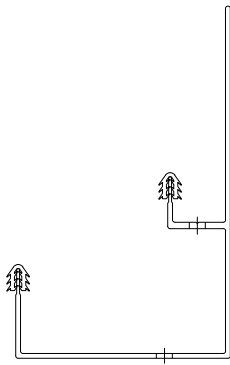
REGION: NORTH AMERICA

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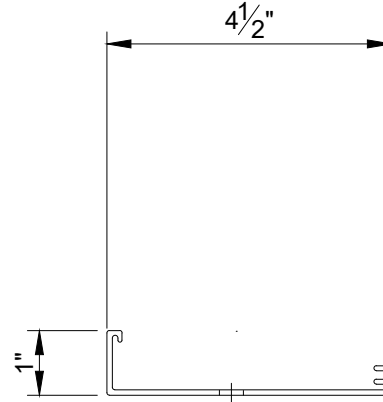
DW 4000 - VERTICAL INSTALLATION



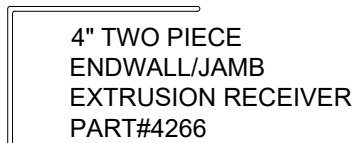
2" PANEL CONCEALED
BASE EXTRUSION
PART#3595



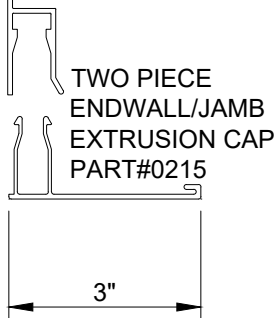
BASE EXTRUSION
SPLICE PLATE
PART#4099



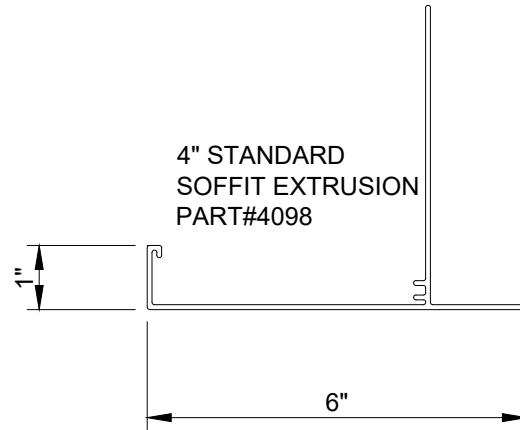
2" STANDARD
BASE EXTRUSION
PART#4097



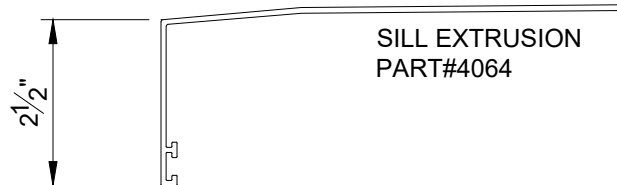
4" TWO PIECE
ENDWALL/JAMB
EXTRUSION RECEIVER
PART#4266



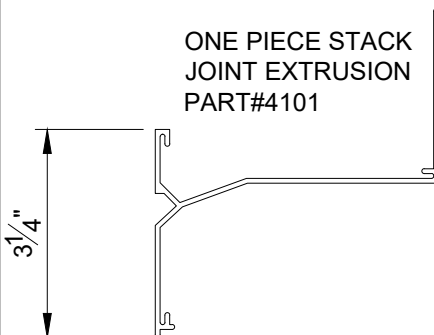
TWO PIECE
ENDWALL/JAMB
EXTRUSION CAP
PART#0215



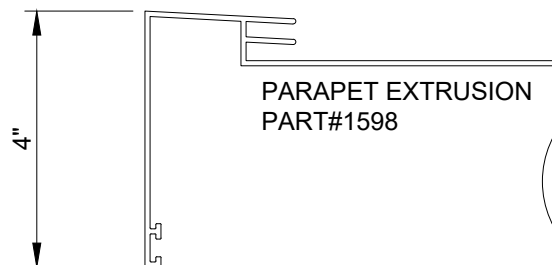
4" STANDARD
SOFFIT EXTRUSION
PART#4098



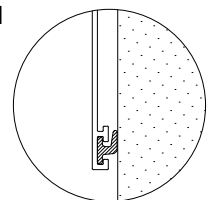
SILL EXTRUSION
PART#4064



ONE PIECE STACK
JOINT EXTRUSION
PART#4101



PARAPET EXTRUSION
PART#1598



WIPER GASKET
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4" EXTRUSIONS

DETAIL #: AR-EX-05-DW4V

RELEASE: 2026

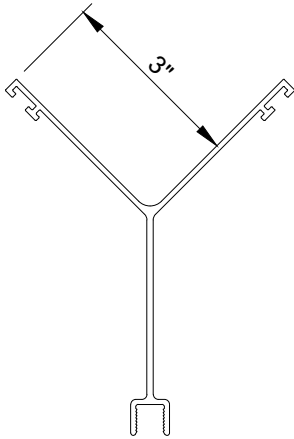
REGION: NORTH AMERICA

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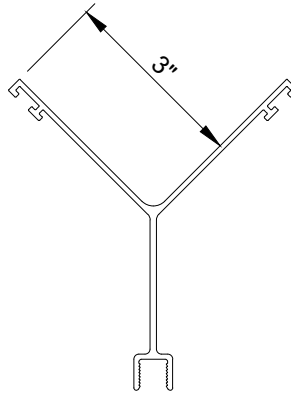


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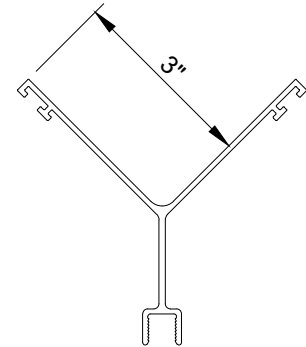
DW 4000 - VERTICAL INSTALLATION



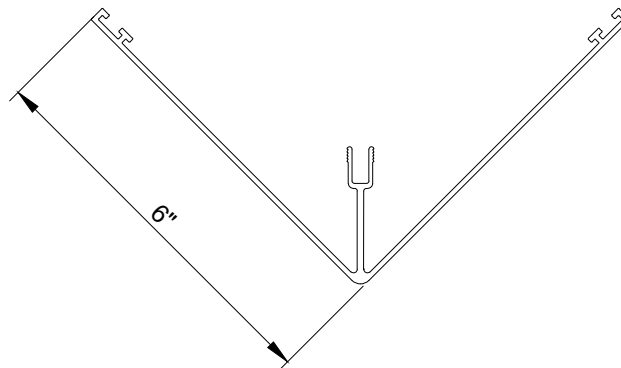
3" INSIDE/OUTSIDE
CORNER EXTRUSION
RECEIVER PART #4000



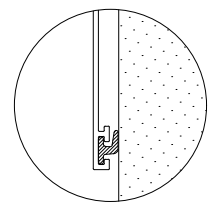
2.5" INSIDE/OUTSIDE
CORNER EXTRUSION
RECEIVER PART #3999



2" INSIDE/OUTSIDE
CORNER EXTRUSION
RECEIVER PART #3998



6"x6" INSIDE/OUTSIDE
CORNER EXTRUSION
CAP PART #4044



WIPER GASKET
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CORNER EXTRUSIONS

DETAIL #: AR-EX-06-DW4V

RELEASE: 2026

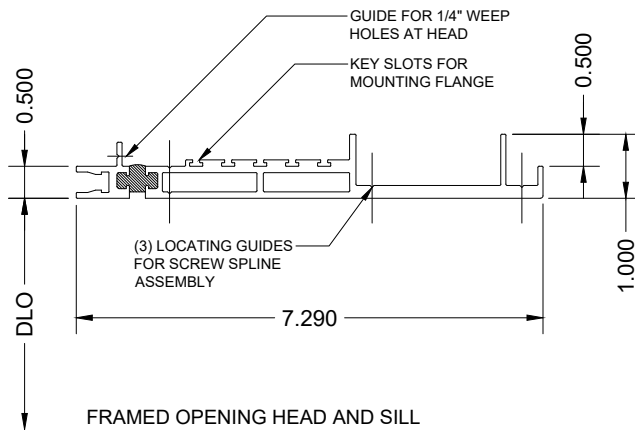
REGION: NORTH AMERICA

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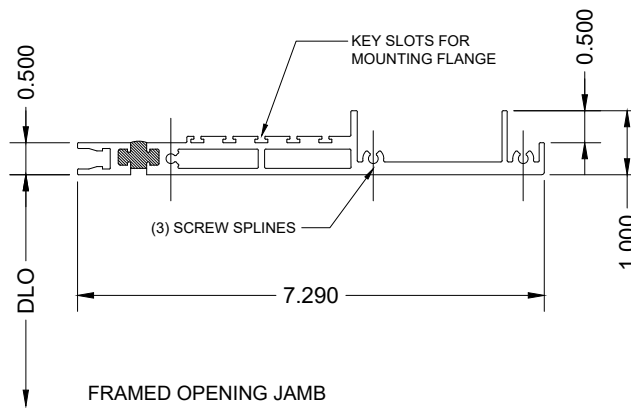
DW 4000 - VERTICAL INSTALLATION



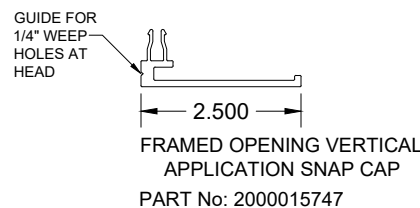
FRAMED OPENING HEAD AND SILL
PART No: 2000015741



FRAMED OPENING STANDARD
MOUNTING FLANGE
PART No: 2000015734



FRAMED OPENING JAMB
PART No: 2000015743



FRAMED OPENING VERTICAL
APPLICATION SNAP CAP
PART No: 2000015747

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WINDOW / LOUVER
EXTRUSIONS

DETAIL #: AR-EX-07-DW4V

RELEASE: 2026

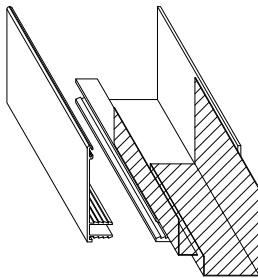
REGION: NORTH AMERICA

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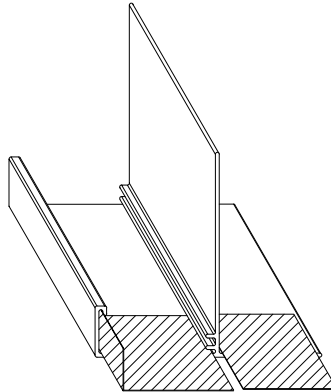


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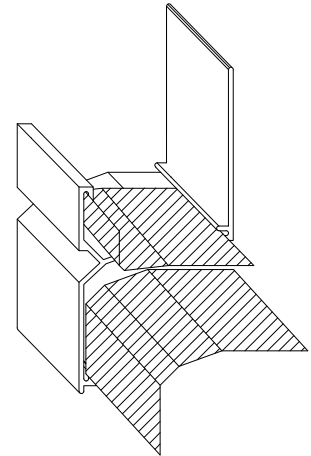
DW 4000 - VERTICAL INSTALLATION



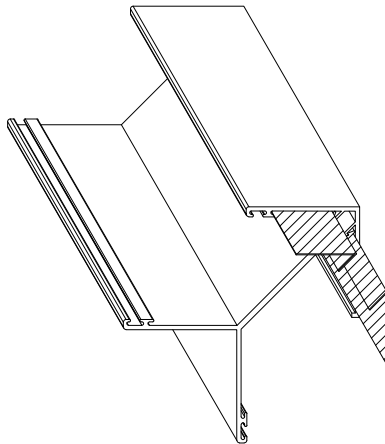
SPLICE PLATE FOR TWO PIECE
JAMB EXTRUSION



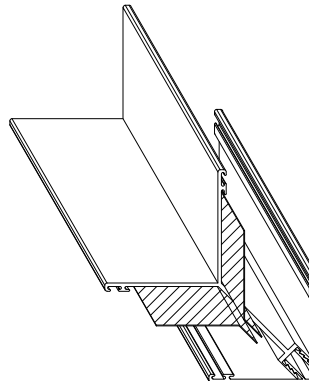
SPLICE PLATE FOR SOFFIT
EXTRUSION



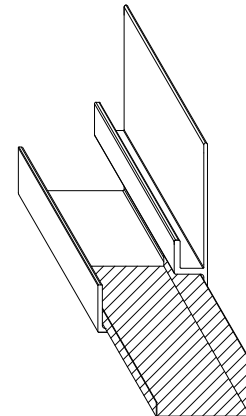
SPLICE PLATE FOR STACK
JOINT EXTRUSION



SPLICE PLATE FOR OUTSIDE
CORNER EXTRUSION



SPLICE PLATE FOR INSIDE
CORNER EXTRUSION



SPLICE PLATE FOR CONCEALED
BASE EXTRUSION

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TRIM LAP
EXTRUSION SPLICE PLATES

DETAIL #: AR-TL-01-DW4V

RELEASE: 2026

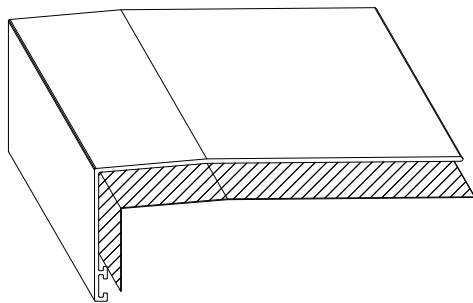
REGION: NORTH AMERICA

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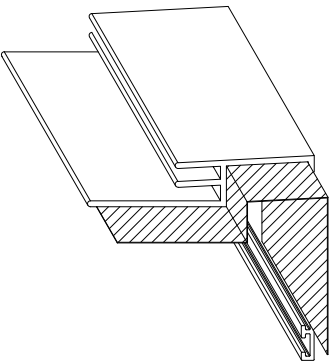


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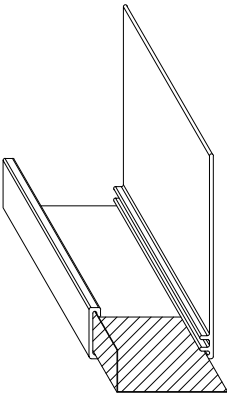
DW 4000 - VERTICAL INSTALLATION



LAP STRIP FOR SILL
EXTRUSION



LAP STRIP FOR PARAPET
EXTRUSION



LAP STRIP FOR BASE
EXTRUSION

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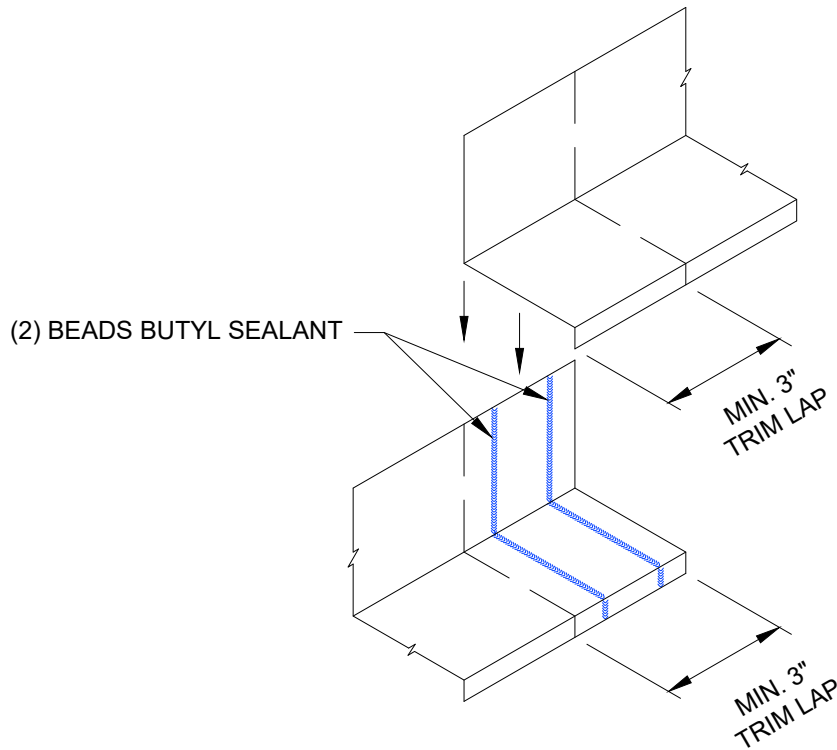
TRIM LAP
EXTRUSION LAP STRIPS

DETAIL #: AR-TL-02-DW4V
RELEASE: 2026
REGION: NORTH AMERICA
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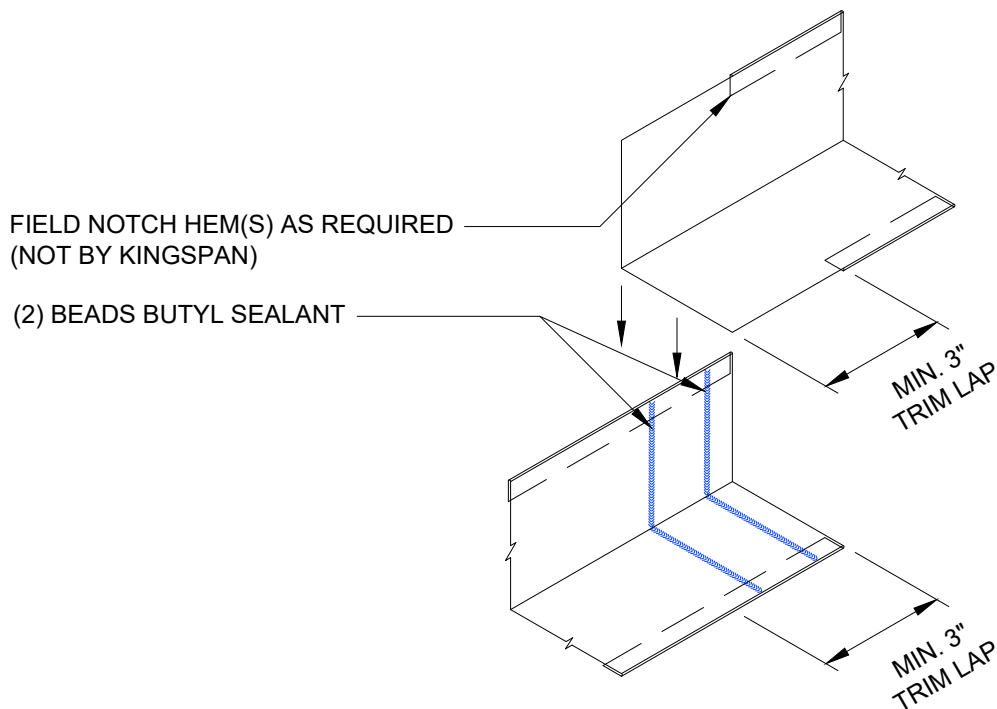


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DW 4000 - VERTICAL INSTALLATION



HORIZONTAL TRIM W/O HEMS



HORIZONTAL TRIM W/ HEMS

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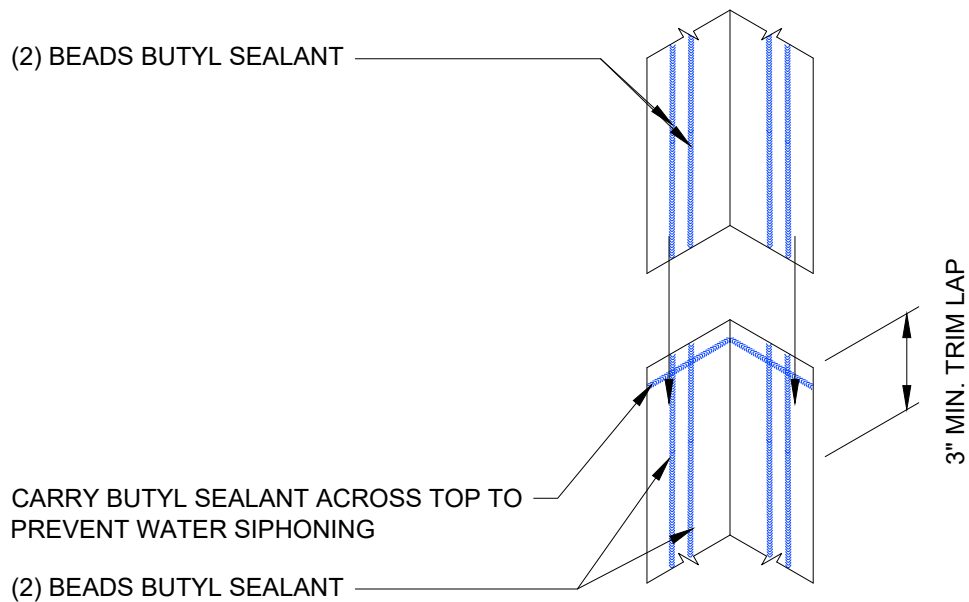
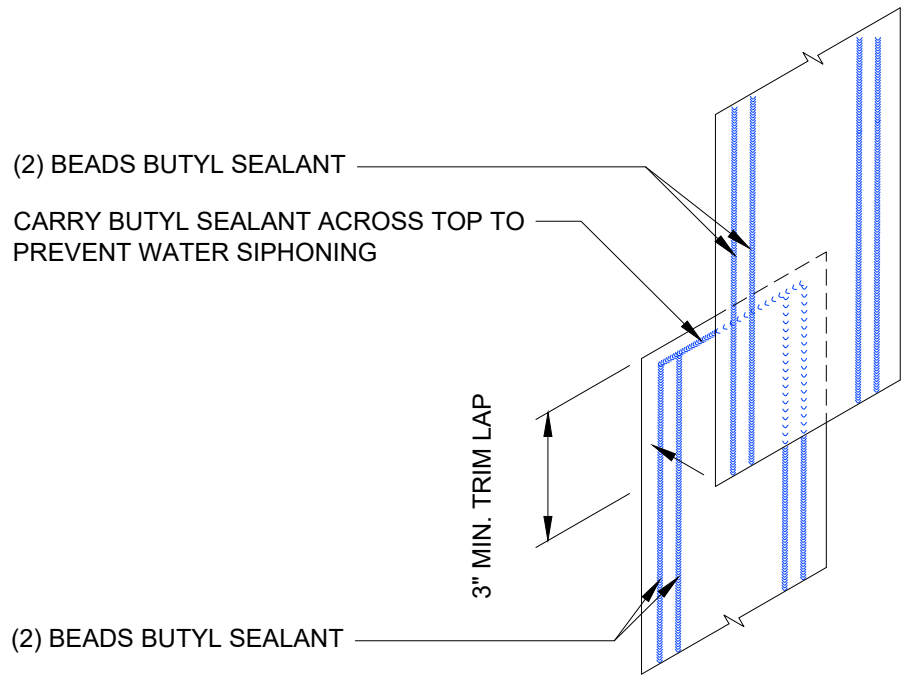
TRIM LAP
HORIZONTAL END LAPS

DETAIL #: AR-TL-03-DW4V
RELEASE: 2026
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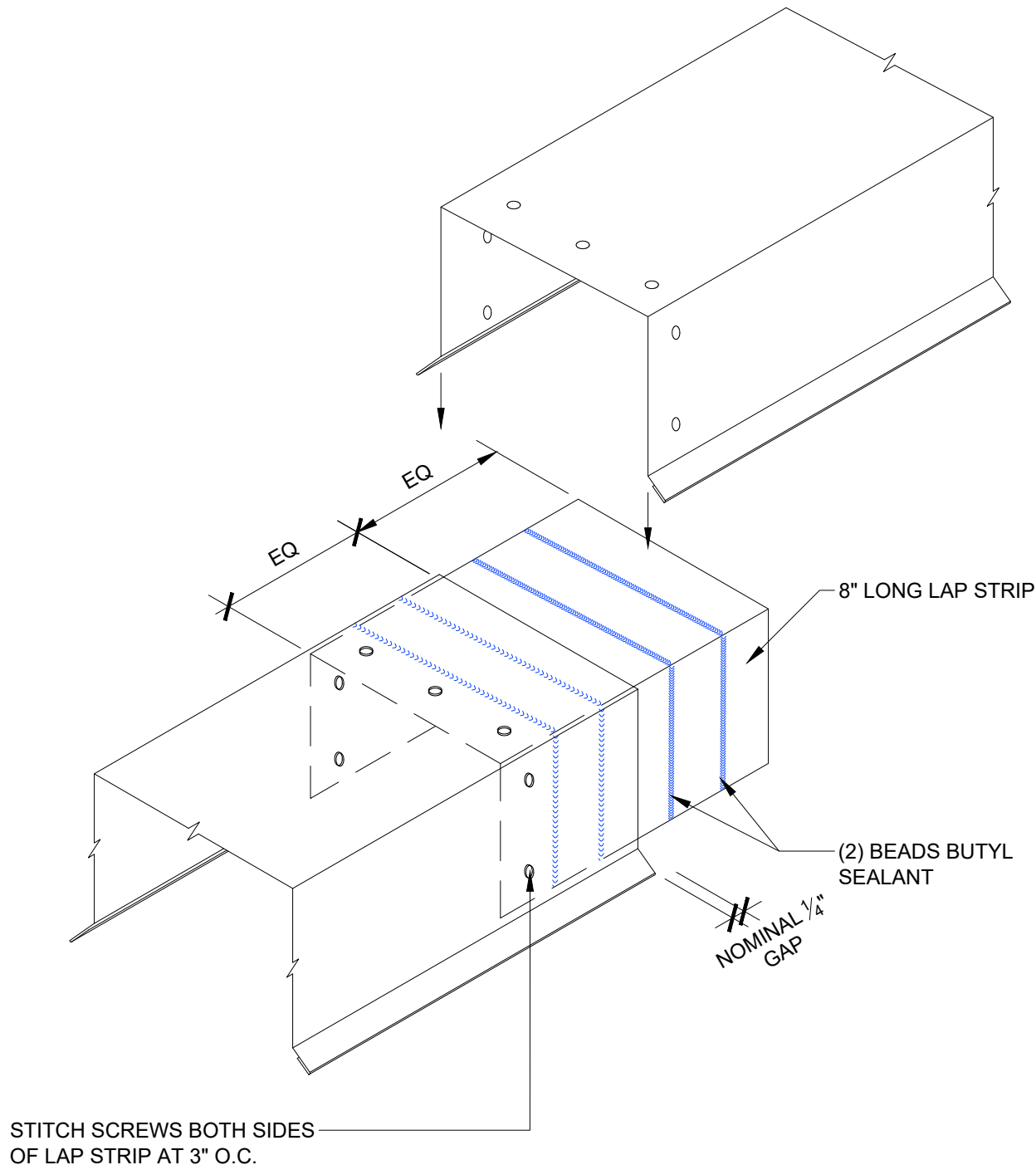
TRIM LAP
VERTICAL END LAPS

DETAIL #: AR-TL-04-DW4V
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DW 4000 - VERTICAL INSTALLATION



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TRIM LAP
PARAPET TRIM

DETAIL #: AR-TL-05-DW4V
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