

DW-2000 - VERTICAL INSTALLATION

AR-PJ-01-DW2V	PANEL PROFILES
AR-PJ-02-DW2V	2" VERTICAL PANEL JOINT
AR-PJ-03-DW2V	2 1/2" VERTICAL PANEL JOINT
AR-PJ-04-DW2V	3" VERTICAL PANEL JOINT
AR-PJ-05-DW2V	4" VERTICAL PANEL JOINT
AR-PJ-06-DW2V	PANELS OVER STRUCTURAL STEEL
AR-PJ-07-DW2V	PANELS OVER CONCRETE
AR-PJ-08-DW2V	DW2000 TO DW4000
AR-PJ-09-DW2V	DW2000 TO DW4000
AR-PJ-10-DW2V	2" TO 3" INTEGRATION
AR-PJ-11-DW2V	3" TO 2" INTEGRATION
AR-PJ-12-DW2V	3" TO 4" INTEGRATION
AR-PJ-13-DW2V	4" TO 3" INTEGRATION
AR-PJ-14-DW2V	STAGGERED JOINT
AR-BS-01-DW2V	BASE DETAIL - OVERHANG W/ EXTRUSION
AR-BS-02-DW2V	BASE DETAIL - FLUSH W/ EXTRUSION
AR-BS-03-DW2V	BASE DETAIL - OVERHANG
AR-BS-04-DW2V	BASE DETAIL - FLUSH
AR-OC-01-DW2V	OUTSIDE CORNER W/ EXTRUSION
AR-OC-02-DW2V	FORMED OUTSIDE CORNER
AR-OC-03-DW2V	FLASHED OUTSIDE CORNER
AR-OC-04-DW2V	CURVED OUTSIDE CORNER
AR-IC-01-DW2V	INSIDE CORNER W/ EXTRUSION
AR-IC-02-DW2V	FORMED INSIDE CORNER
AR-IC-03-DW2V	FLASHED INSIDE CORNER
AR-IC-04-DW2V	INSIDE CORNER LAP AT BASE EXPANDED
AR-IC-05-DW2V	INSIDE CORNER LAP AT BASE ENGAGED
AR-IC-06-DW2V	INSIDE CORNER TRIM LAP EXPANDED
AR-IC-07-DW2V	INSIDE CORNER TRIM LAP ENGAGED
AR-FO-01-DW2V	DOOR HEAD W/ EXTRUSION
AR-FO-02-DW2V	DOOR HEAD W/ FLASHING
AR-FO-03-DW2V	DOOR JAMB W/ EXTRUSION
AR-FO-04-DW2V	DOOR JAMB W/ FLASHING
AR-FO-05-DW2V	WINDOW SILL W/ EXTRUSION

REVISION

1	6/22/22
2	12/5/23
3	9/1/23
4	11/1/23
5	12/5/23
6	12/12/23
7	12/13/23
8	1/8/24

INDEX SHEET

DETAIL #: XX-XX-XX-DW2V

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REGION: NORTH AMERICA

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DW-2000 - VERTICAL INSTALLATION

AR-FO-06-DW2V	WINDOW SILL W/ FLASHING
AR-FO-07-DW2V	TRIM AT FRAMED OPENING
AR-FO-08-DW2V	TRIM AT FRAMED OPENING
AR-FO-09-DW2V	EXTRUSION W/ FLEXWRAP AT FRAMED OPENING
AR-FO-10-DW2V	EXTRUSION W/ FLEXWRAP AT FRAMED OPENING
AR-SF-01-DW2V	SOFFIT W/ EXTRUSION
AR-SF-02-DW2V	SOFFIT W/ FLASHING
AR-SF-03-DW2V	TRANSVERSE BENT SOFFIT
AR-SF-04-DW2V	END WALL W/ EXTRUSION
AR-SF-05-DW2V	END WALL W/ FLASHING
AR-SJ-01-DW2V	STACK JOINT
AR-SJ-02-DW2V	OFFSET STACK JOINT
AR-SJ-03-DW2V	STACK JOINT W/ EXTRUSION
AR-PR-01-DW2V	PARAPET W/ EXTRUSION
AR-PR-02-DW2V	PARAPET W/ FLUSH TRIM
AR-PR-03-DW2V	PARAPET W/ PROFILED TRIM
AR-TL-01-DW2V	PIPE PENETRATION
AR-TL-02-DW2V	PIPE PENETRATION ISOMETRIC
AR-TL-03-DW2V	KNIFE PENETRATION
AR-TL-04-DW2V	KNIFE PENETRATION ISOMETRIC
AR-TL-05-DW2V	BEAM PENETRATION
AR-TL-06-DW2V	BEAM PENETRATION ISOMETRIC
AR-TL-07-DW2V	TRIM END LAP
AR-TL-08-DW2V	TRIM END LAP WITH HEM
AR-TL-09-DW2V	MENDING PLATE WITH SHINGLE LAP
AR-TL-10-DW2V	TRIM END LAP WITH LAP STRIP
AR-TL-11-DW2V	2" EXTRUSIONS
AR-TL-12-DW2V	2" EXTRUSIONS
AR-TL-13-DW2V	2 1/2" EXTRUSIONS
AR-TL-14-DW2V	3" EXTRUSIONS
AR-TL-15-DW2V	4" EXTRUSIONS
AR-TL-16-DW2V	EXTRUSION LAP STRIPS

REVISION

1	6/22/22
2	12/5/23
3	9/1/23
4	11/1/23
5	12/5/23
6	12/12/23
7	12/13/23
8	1/8/24

INDEX SHEET

DETAIL #: XX-XX-XX-DW2V

RELEASE: 2024

REGION: NORTH AMERICA

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DW-2000 - VERTICAL INSTALLATION

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).

FOR CLARITY, ALL DETAILS SHOWN WITH (1) ¼"-14 HEX HEAD FASTENER WITH WASHER - CONTACT KINGSPAN TECHNICAL SERVICES FOR SPECIFIC PROJECT FASTENING REQUIREMENTS

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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REVISION	
REVISION #	DATE
2	6/22/22

ARCHITECTURAL
DISCLAIMER

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DW-2000 - VERTICAL INSTALLATION

CORE DEPTHS:

2", 2.5", 3", 4"

STEEL GAUGES:

EXTERIOR: 22, 20

INTERIOR: 24, 22, 20

MODULE WIDTH:

(PIR)

MIN: 24" - MAX: 42"

(QUADCORE B)

MIN: 12" - MAX: 42"

PANEL ORIENTATION: VERTICAL

REVEAL:

$\frac{1}{16}$ ", $\frac{1}{2}$ ", 1" STANDARD

2", 3", 4", 5", 6" CUSTOM

EMBOSSING:

EXTERIOR: NON-EMBOSSSED, STUCCO,
(GRANITSTONE DW2000)

INTERIOR: NON-EMBOSSSED, STUCCO

LENGTHS:

MAXIMUM:

-EMBOSSSED, STRIATED, GS = 30'

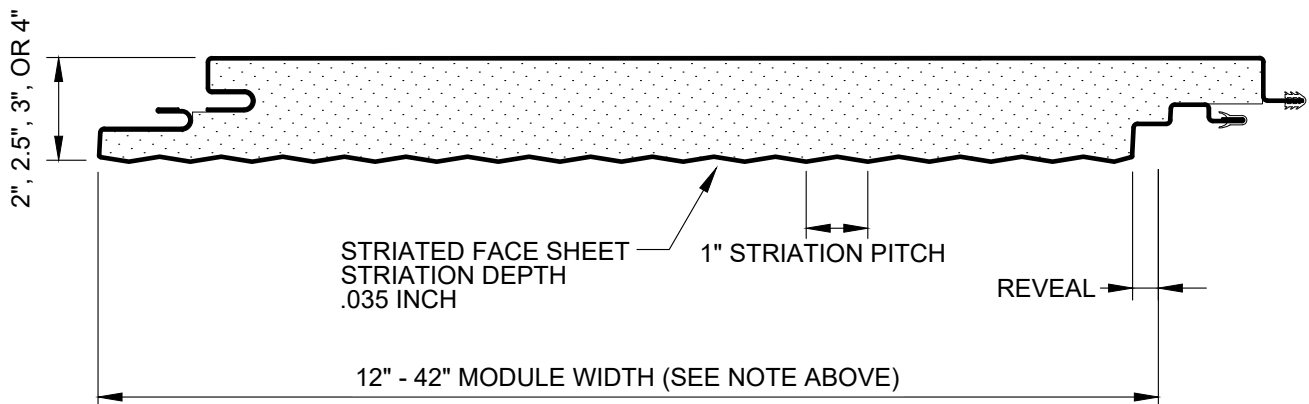
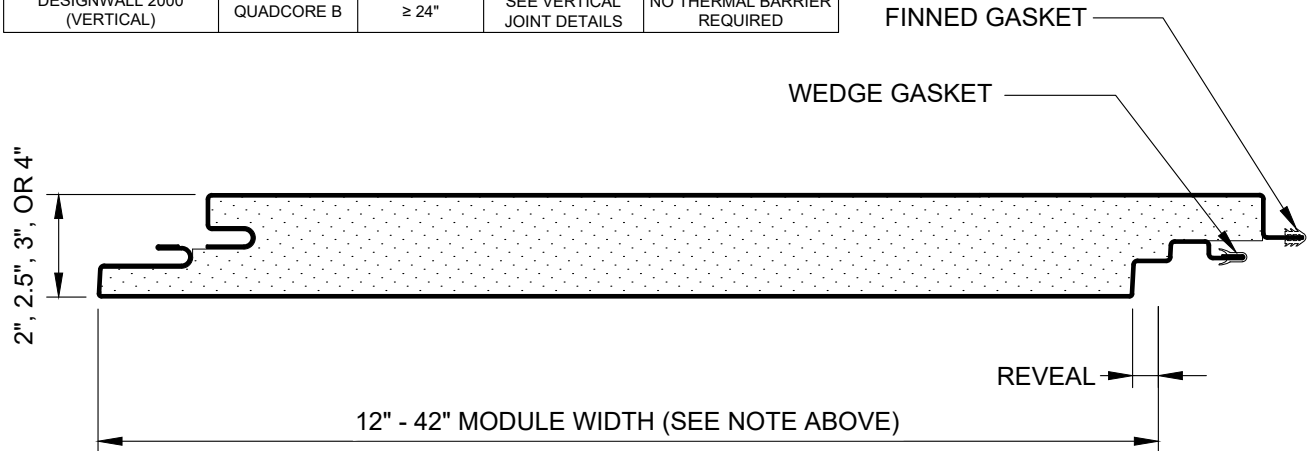
(IF WIDER THAN 40", MAX LENGTH = 14')

-NON-EMBOSSSED STEEL = 24'

(IF WIDER THAN 40", MAX LENGTH = 10')

NFPA 285 COMPLIANCE TABLE

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



REVISION

REVISION #	DATE
7	12/13/23

PANEL PROFILES

DETAIL #: AR-PJ-01-DW2V

RELEASE: 2024

REGION: NORTH AMERICA

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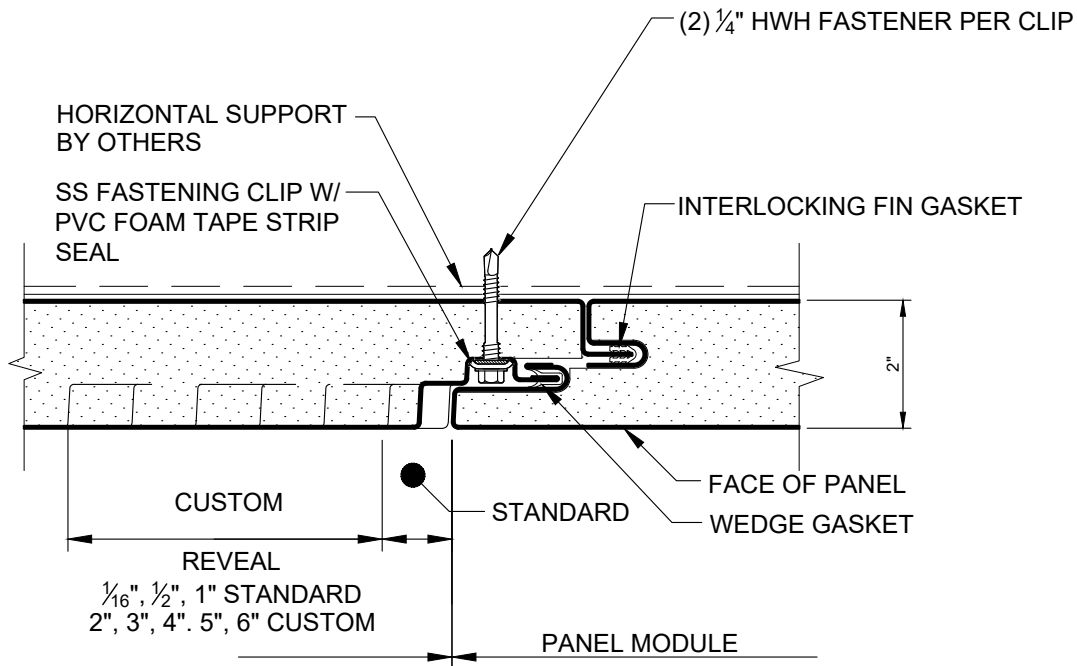


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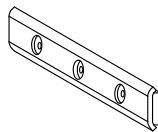
DW-2000 - VERTICAL INSTALLATION

NFPA 285 COMPLIANCE TABLE

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



DIRECTION OF INSTALLATION →



FASTENING CLIP

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REVISION

REVISION #	DATE
7	12/13/23

2" VERTICAL
PANEL JOINT

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RELEASE: 2024

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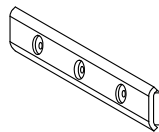
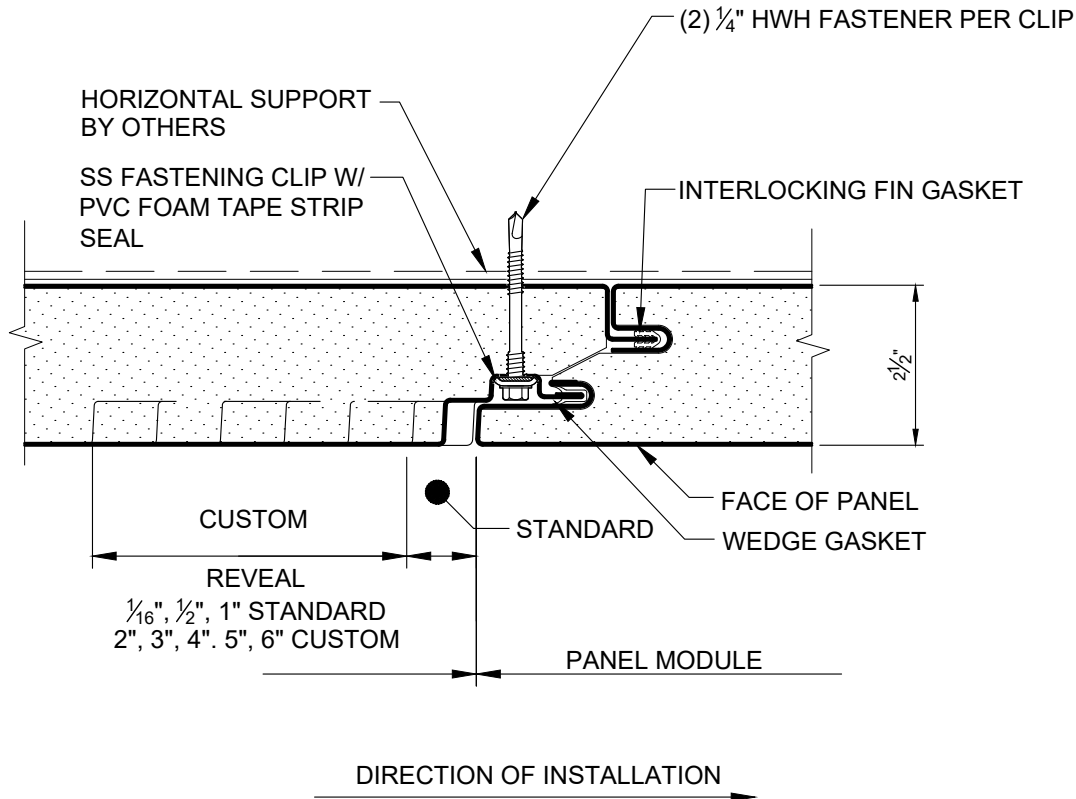


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DW-2000 - VERTICAL INSTALLATION

NFPA 285 COMPLIANCE TABLE

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



FASTENING CLIP

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FOR SPECIFIC PROJECT FASTENING REQUIREMENTS

REVISION	
REVISION #	DATE
7	12/13/23

2 1/2" VERTICAL
PANEL JOINT

DETAIL #: AR-PJ-03-DW2V

RELEASE: 2024

REGION: NORTH AMERICA

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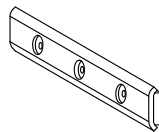
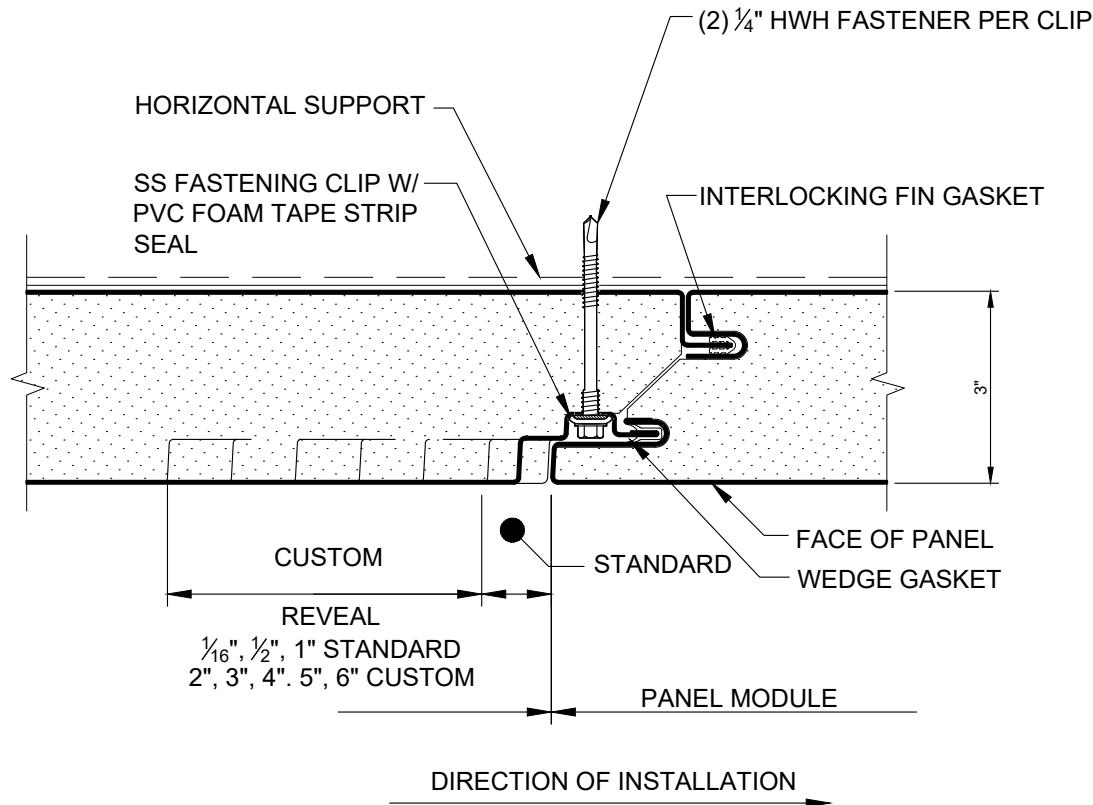


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DW-2000 - VERTICAL INSTALLATION

NFPA 285 COMPLIANCE TABLE

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



FASTENING CLIP

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FOR SPECIFIC PROJECT FASTENING REQUIREMENTS

REVISION	
REVISION #	DATE
7	12/13/23

**3" VERTICAL
PANEL JOINT**

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RELEASE: 2024

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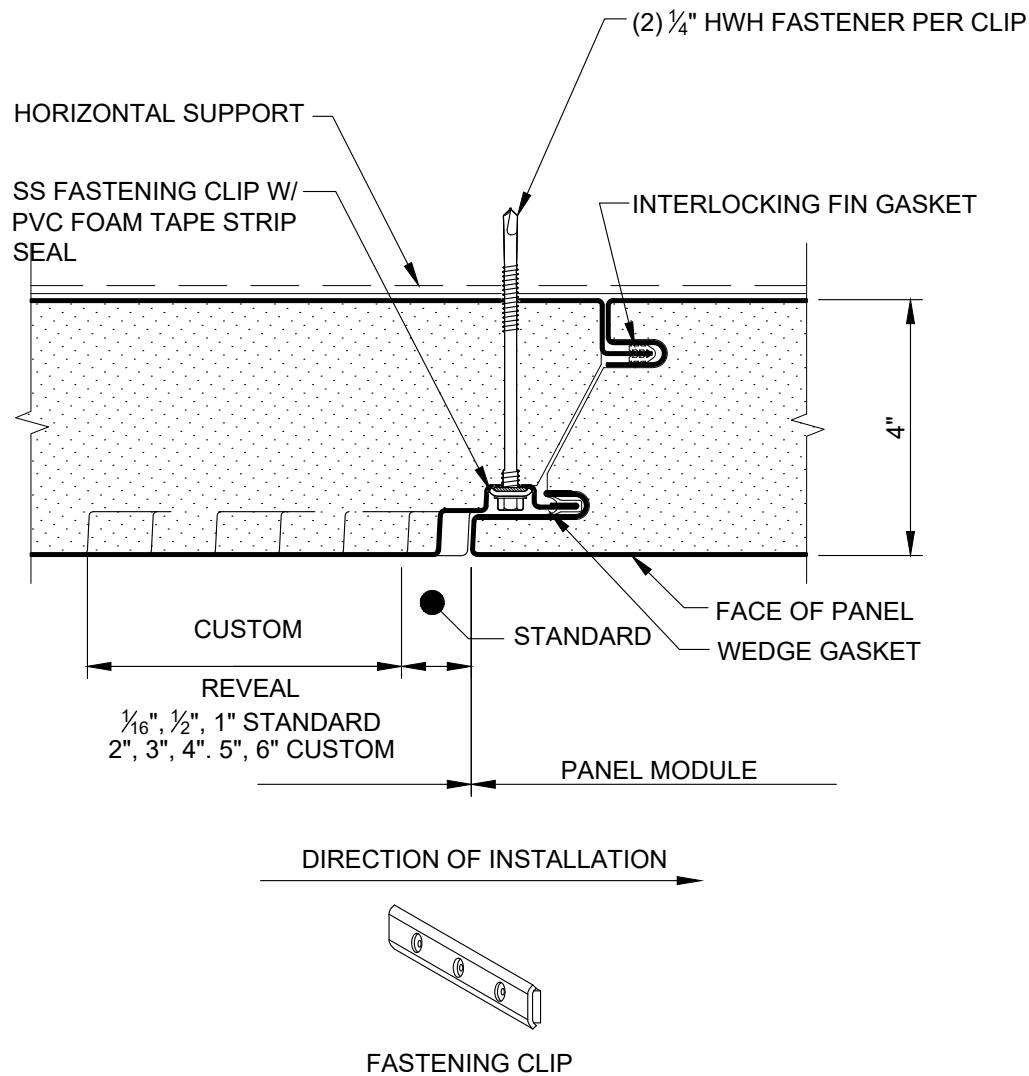


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DW-2000 - VERTICAL INSTALLATION

NFPA 285 COMPLIANCE TABLE

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



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REVISION	
REVISION #	DATE
7	12/13/23

4" VERTICAL
PANEL JOINT

DETAIL #: AR-PJ-05-DW2V

RELEASE: 2024

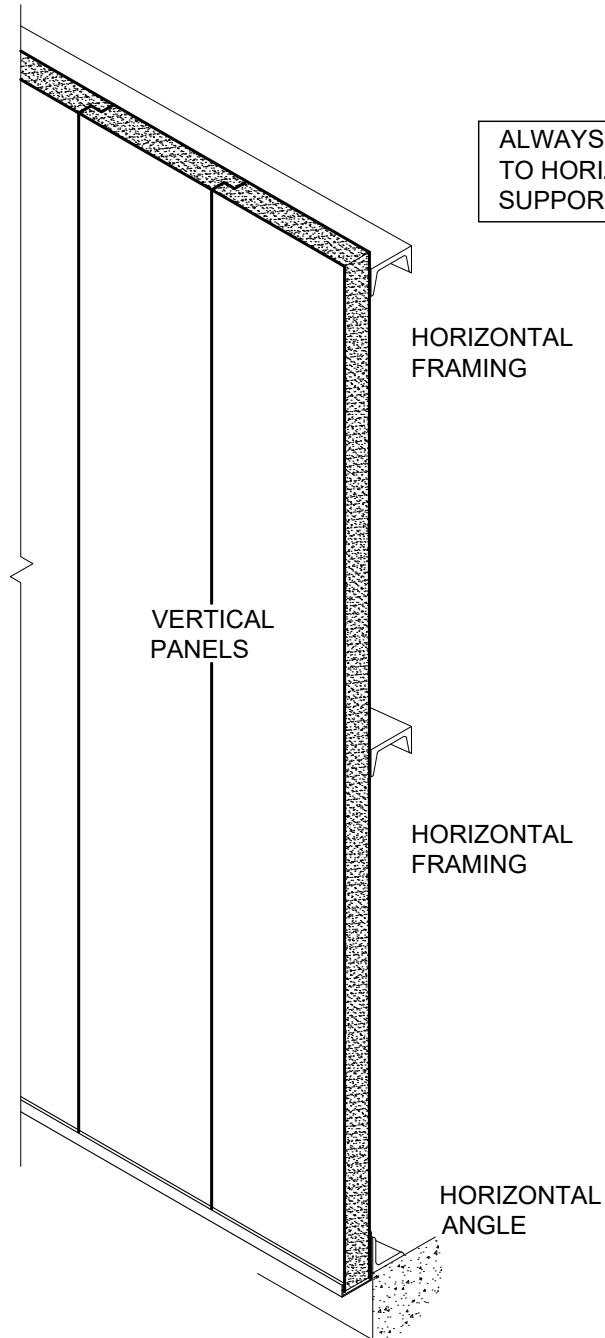
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ALWAYS ATTACH VERTICAL PANELS
TO HORIZONTALLY ORIENTED
SUPPORTS

REVISION	
REVISION #	DATE
5	12/5/23

PANELS OVER
STRUCTURAL STEEL

DETAIL #: AR-PJ-06-DW2V

RELEASE: 2024

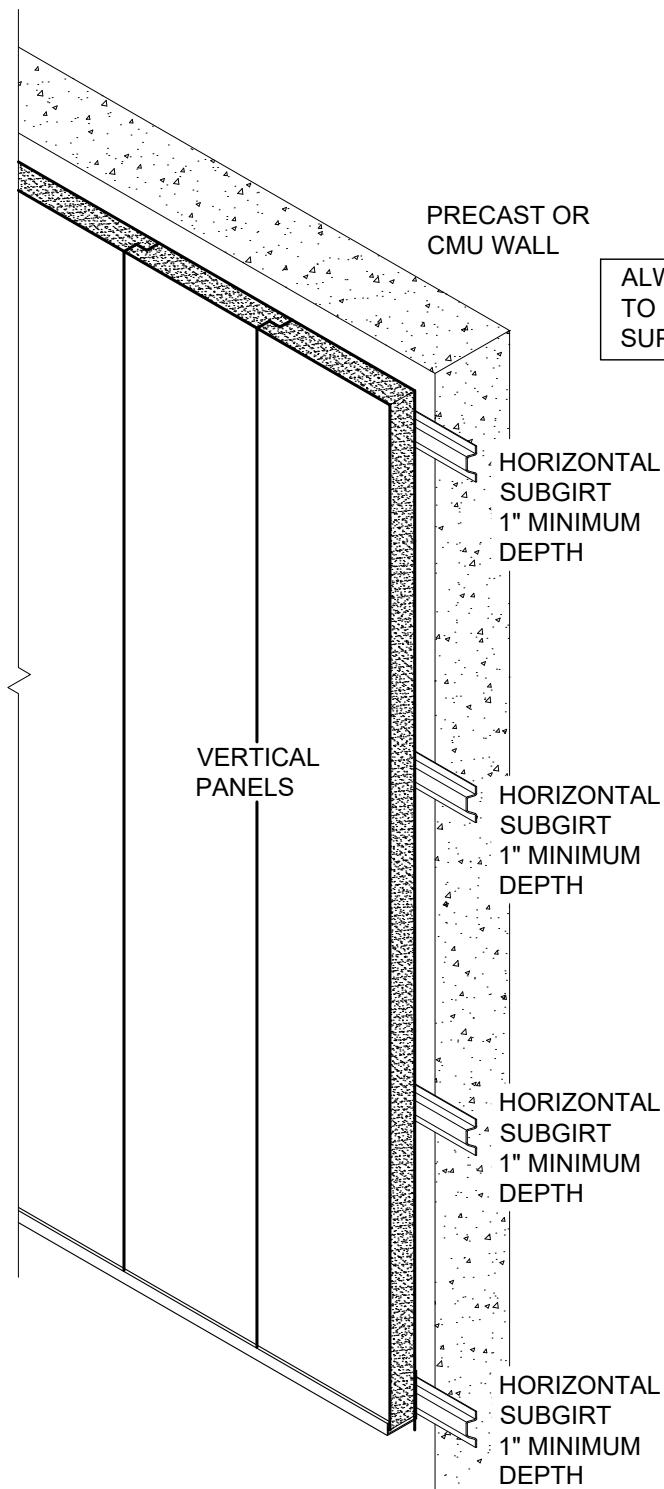
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DW-2000 - VERTICAL INSTALLATION



ALWAYS ATTACH VERTICAL PANELS
TO HORIZONTALLY ORIENTED
SUPPORTS

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

REVISION	
REVISION #	DATE
5	12/5/23

PANELS OVER
CONCRETE

DETAIL #: AR-PJ-07-DW2V

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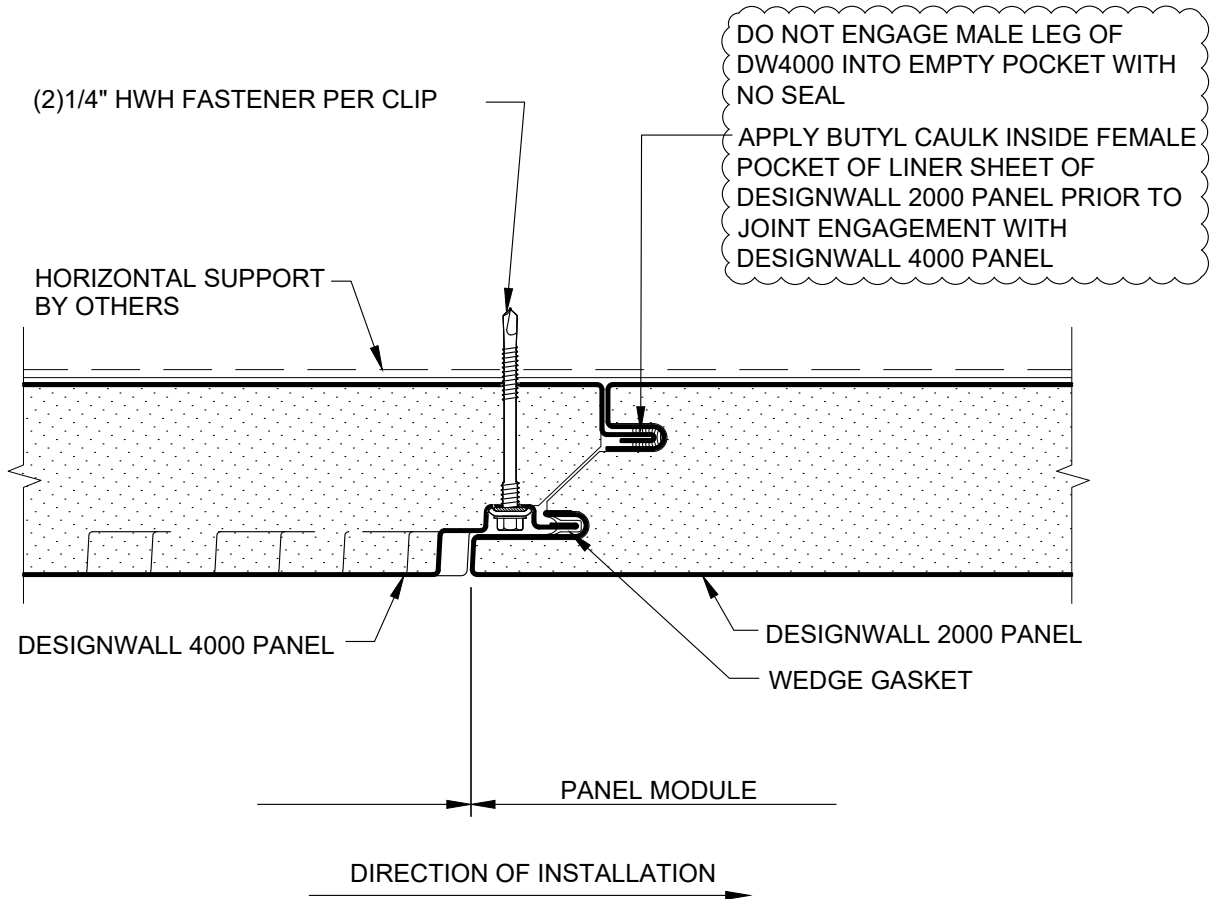


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DW-2000 - VERTICAL INSTALLATION

NFPA 285 COMPLIANCE TABLE

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



REVISION

REVISION #	DATE
7	12/13/23

DW2000 TO DW4000

DETAIL #: AR-PJ-08-DW2V

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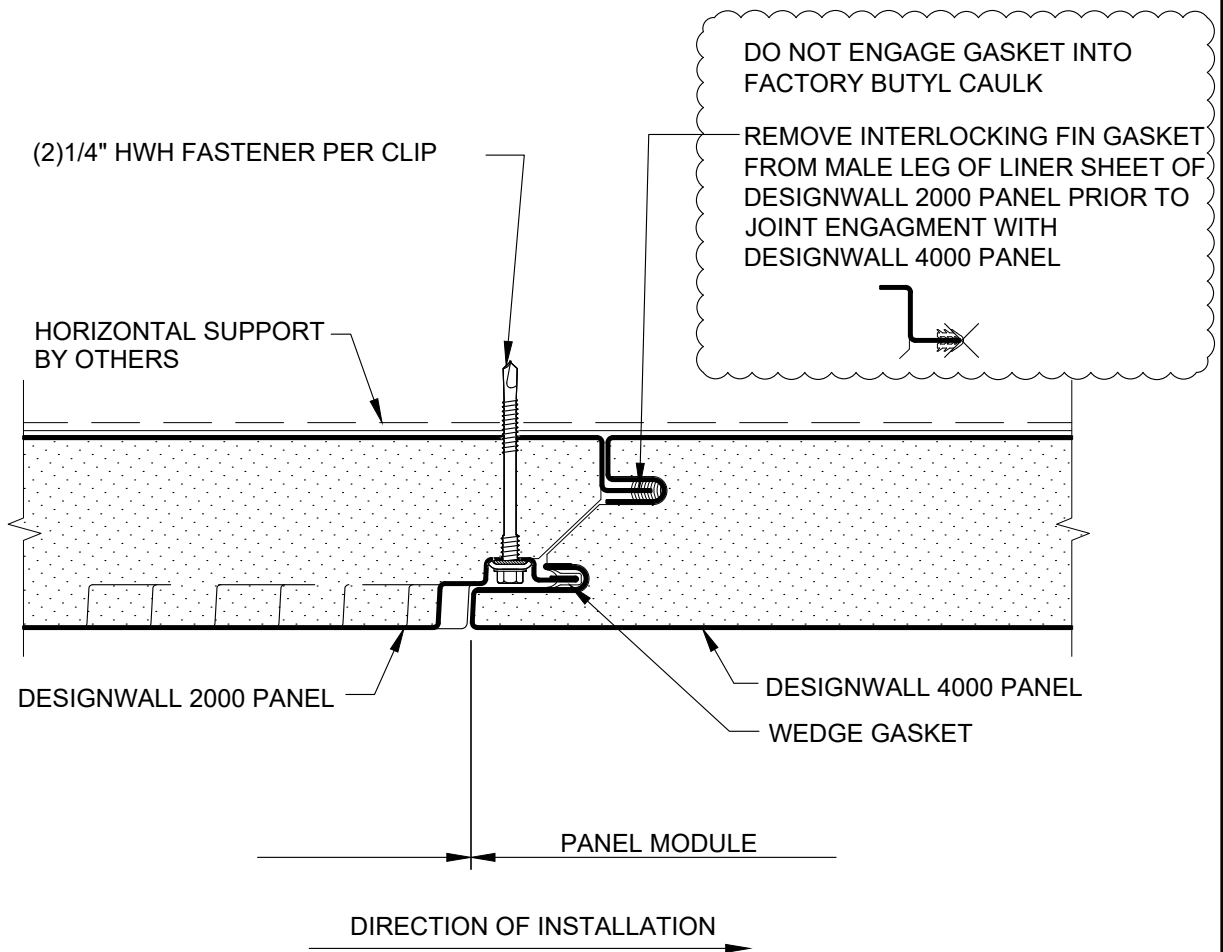


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NFPA 285 COMPLIANCE TABLE

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



REVISION	
REVISION #	DATE
7	12/13/23

DW2000 TO DW4000

DETAIL #: AR-PJ-09-DW2V

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REGION: NORTH AMERICA

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(2) ¼"-14 x 1⅞" DP3 HWH BI-METAL FASTENER PER CLIP.

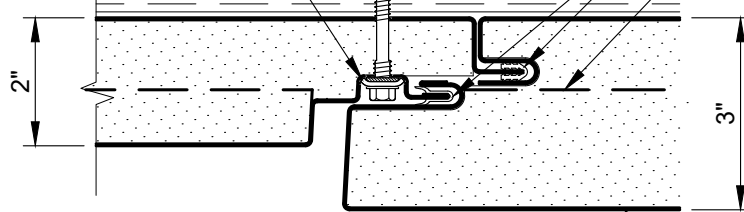
S.S. FASTENING CLIP WITH PVC FOAM TAPE STRIP SEAL

GASKET IN BOTH JOINTS

BACK EDGE OF TRIMLESS END

USE VERTICAL JOINT GASKET FOR 2" PANEL

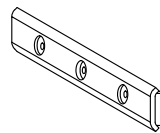
SPECIFY DEEP JOINT PROFILE ON 3" PANEL



1/2" REVEAL

24", 30" OR 36" MODULE

DIRECTION OF INSTALLATION



FASTENING CLIP

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 (VERTICAL)	PIR	< 24"	NON-COMPLIANT PANEL	NON-COMPLIANT PANEL
DESIGNWALL 2000 (VERTICAL)	PIR	≥ 24"	NOT REQUIRED	NO THERMAL BARRIER REQUIRED
DESIGNWALL 2000 (VERTICAL)	QUADCORE B	< 24"	NOT REQUIRED	NO THERMAL BARRIER REQUIRED
DESIGNWALL 2000 (VERTICAL)	QUADCORE B	≥ 24"	NOT REQUIRED	NO THERMAL BARRIER REQUIRED

REVISION

REVISION #	DATE
5	12/5/23

2" TO 3" INTEGRATION

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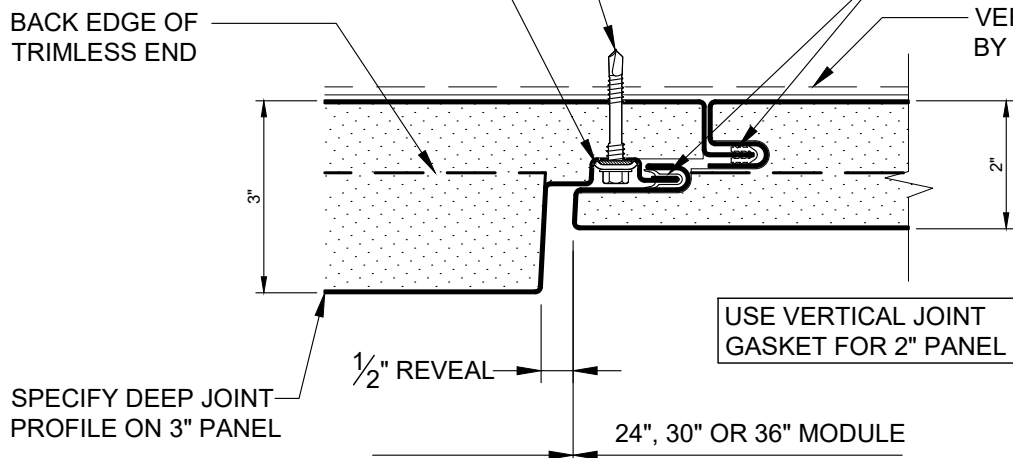
(2) 1/4"-14 x 1 7/8" DP3 HWH BI-METAL FASTENER PER CLIP.

S.S. FASTENING CLIP WITH PVC FOAM TAPE STRIP SEAL

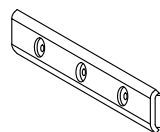
BACK EDGE OF TRIMLESS END

GASKET IN BOTH JOINTS

VERTICAL SUPPORTS BY OTHERS



DIRECTION OF INSTALLATION →



FASTENING CLIP

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 (VERTICAL)	PIR	< 24"	NON-COMPLIANT PANEL	NON-COMPLIANT PANEL
DESIGNWALL 2000 (VERTICAL)	PIR	≥ 24"	NOT REQUIRED	NO THERMAL BARRIER REQUIRED
DESIGNWALL 2000 (VERTICAL)	QUADCORE B	< 24"	NOT REQUIRED	NO THERMAL BARRIER REQUIRED
DESIGNWALL 2000 (VERTICAL)	QUADCORE B	≥ 24"	NOT REQUIRED	NO THERMAL BARRIER REQUIRED

REVISION

REVISION #	DATE
5	12/5/23

3" TO 2" INTEGRATION

DETAIL #: AR-PJ-11-DW2V

RELEASE: 2024

REGION: NORTH AMERICA

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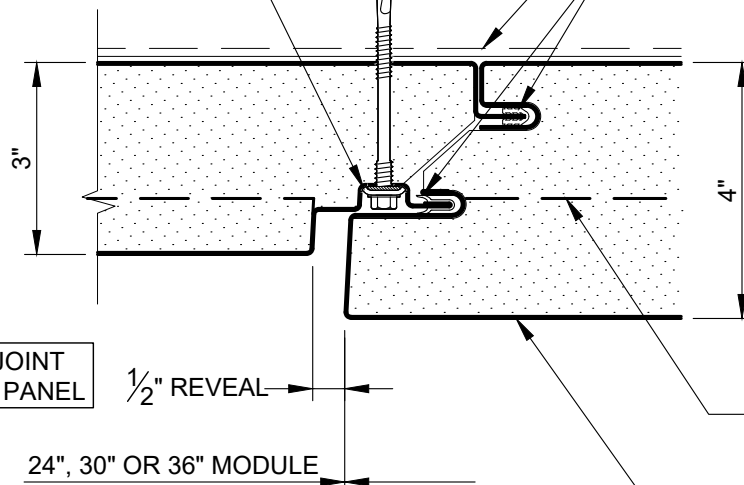
DW-2000 - VERTICAL INSTALLATION

(2) 1/4"-14 x 3 1/4" DP3 HWH BI-METAL FASTENER PER CLIP.

S.S. FASTENING CLIP WITH PVC FOAM TAPE STRIP SEAL

VERTICAL SUPPORTS BY OTHERS

GASKET IN BOTH JOINTS



USE VERTICAL JOINT GASKET FOR 3" PANEL

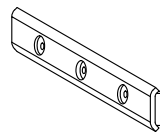
1/2" REVEAL

24", 30" OR 36" MODULE

DIRECTION OF INSTALLATION

BACK EDGE OF TRIMLESS END

SPECIFY DEEP JOINT PROFILE ON 4" PANEL



FASTENING CLIP

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 (VERTICAL)	PIR	< 24"	NON-COMPLIANT PANEL	NON-COMPLIANT PANEL
DESIGNWALL 2000 (VERTICAL)	PIR	≥ 24"	NOT REQUIRED	NO THERMAL BARRIER REQUIRED
DESIGNWALL 2000 (VERTICAL)	QUADCORE B	< 24"	NOT REQUIRED	NO THERMAL BARRIER REQUIRED
DESIGNWALL 2000 (VERTICAL)	QUADCORE B	≥ 24"	NOT REQUIRED	NO THERMAL BARRIER REQUIRED

REVISION

REVISION #	DATE
5	12/5/23

3" TO 4" INTEGRATION

DETAIL #: AR-PJ-12-DW2V

RELEASE: 2024

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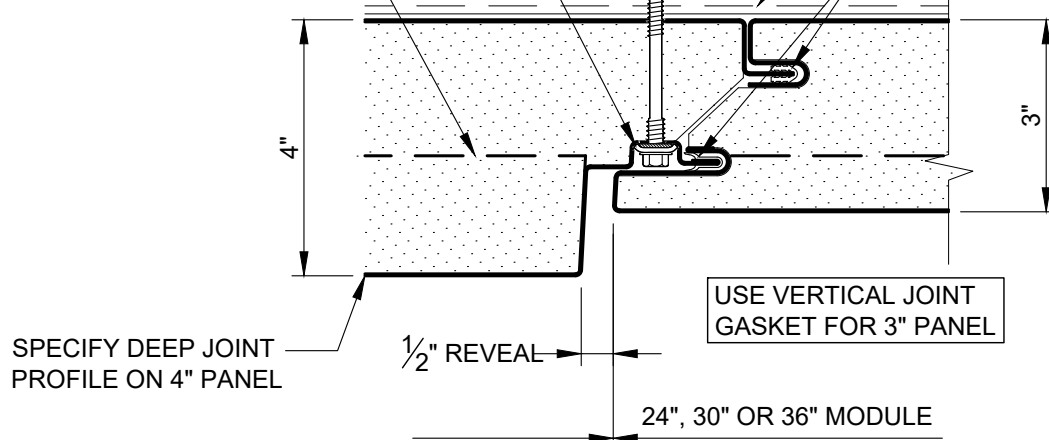
(2) ¼"-14 x 1⅞" DP3
HWH BI-METAL
FASTENER PER CLIP.

S.S. FASTENING CLIP WITH PVC
FOAM TAPE STRIP SEAL

BACK EDGE OF
TRIMLESS END

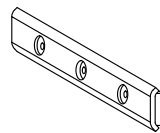
VERTICAL SUPPORTS
BY OTHERS

GASKET IN BOTH
JOINTS



SPECIFY DEEP JOINT
PROFILE ON 4" PANEL

DIRECTION OF INSTALLATION →



FASTENING CLIP

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 (VERTICAL)	PIR	< 24"	NON-COMPLIANT PANEL	NON-COMPLIANT PANEL
DESIGNWALL 2000 (VERTICAL)	PIR	≥ 24"	NOT REQUIRED	NO THERMAL BARRIER REQUIRED
DESIGNWALL 2000 (VERTICAL)	QUADCORE B	< 24"	NOT REQUIRED	NO THERMAL BARRIER REQUIRED
DESIGNWALL 2000 (VERTICAL)	QUADCORE B	≥ 24"	NOT REQUIRED	NO THERMAL BARRIER REQUIRED

REVISION

REVISION #	DATE
5	12/5/23

4" TO 3" INTEGRATION

DETAIL #: AR-PJ-13-DW2V

RELEASE: 2024

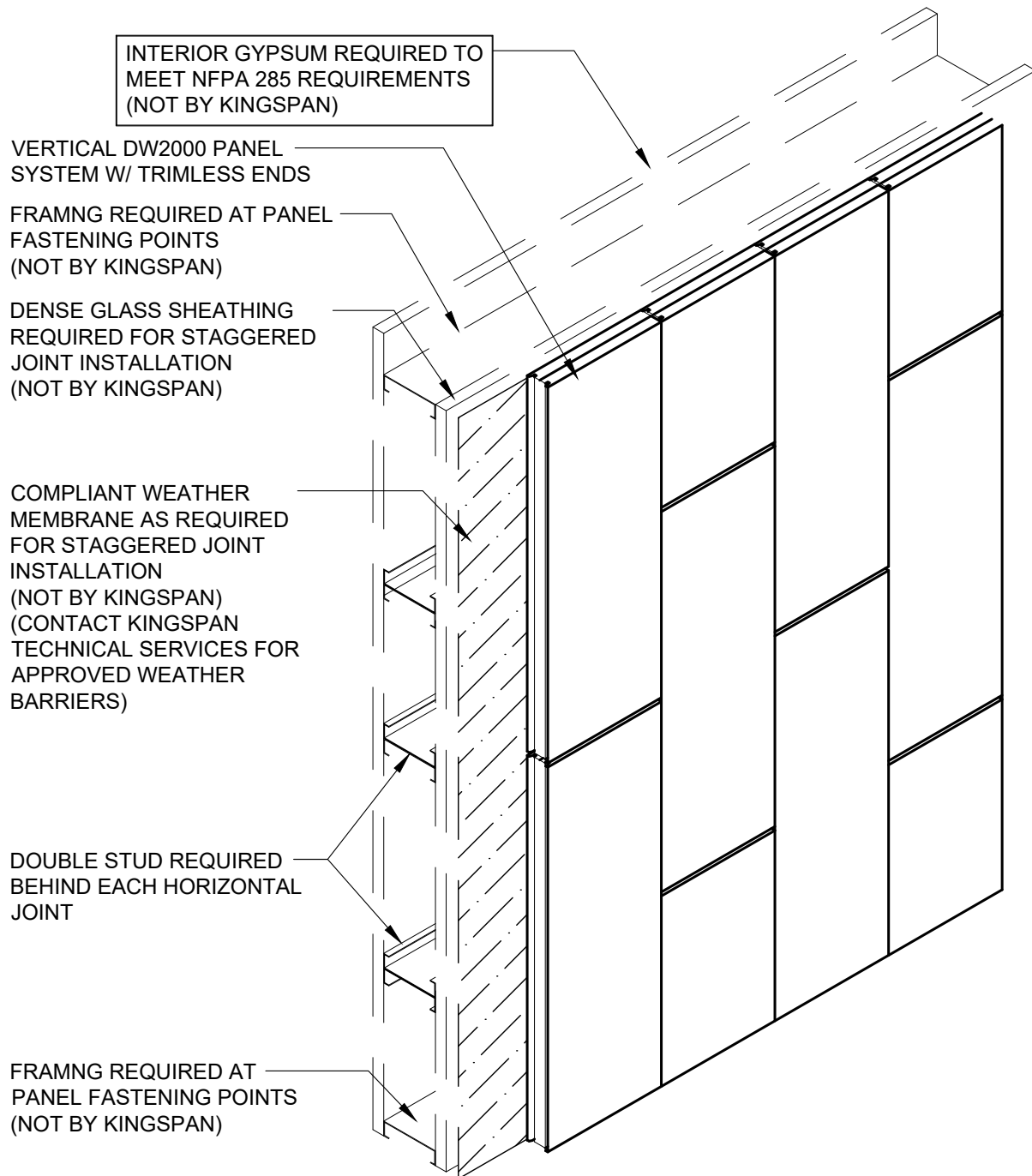
REGION: NORTH AMERICA

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REVISION	
REVISION #	DATE
5	12/5/23

STAGGERED JOINT

DETAIL #: AR-PJ-14-DW2V

RELEASE: 2024

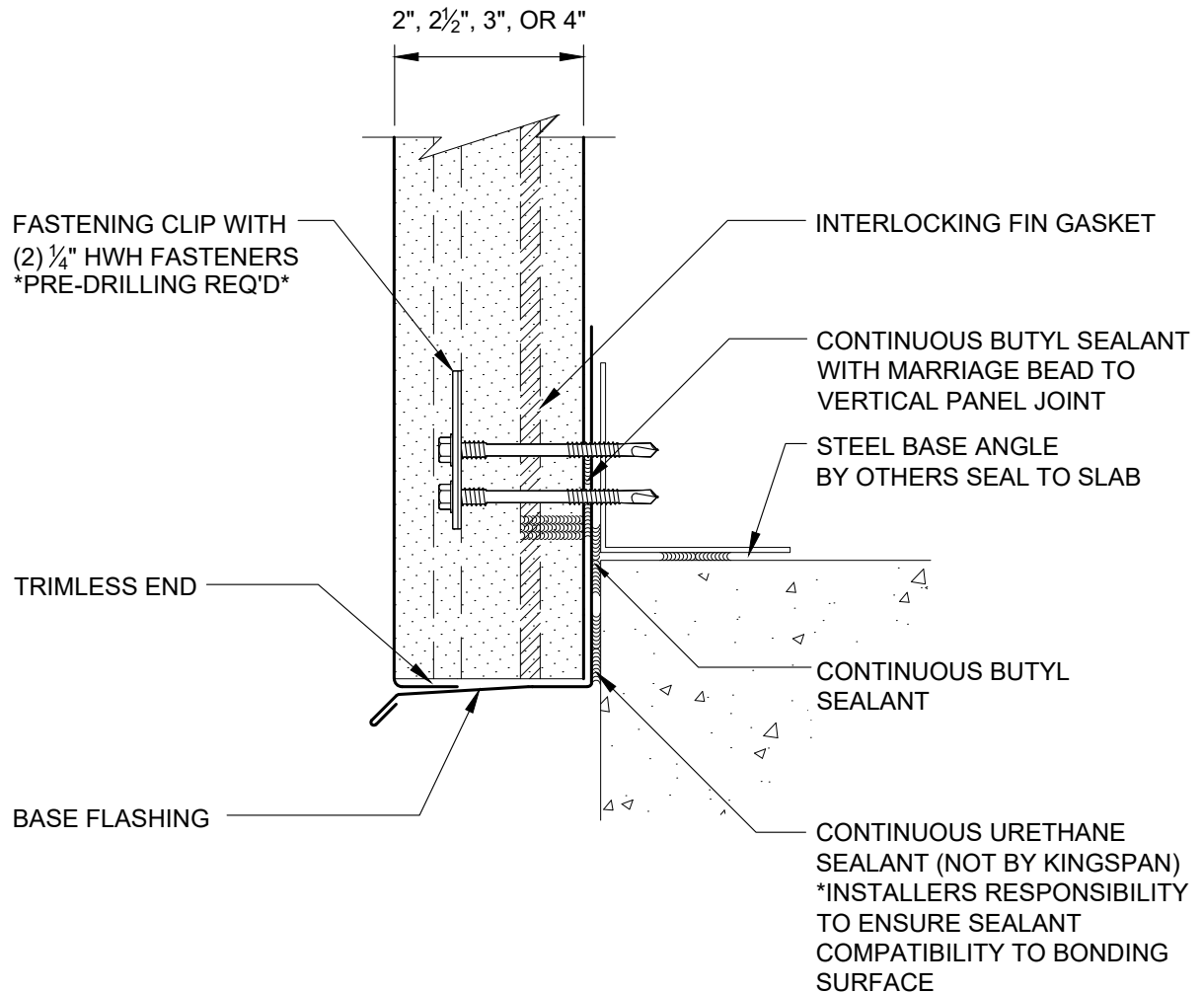
REGION: NORTH AMERICA

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REVISION	
REVISION #	DATE
8	1/8/24

BASE DETAIL -
OVERHANG
W/ EXTRUSION

DETAIL #: AR-BS-01-DW2V

RELEASE: 2024

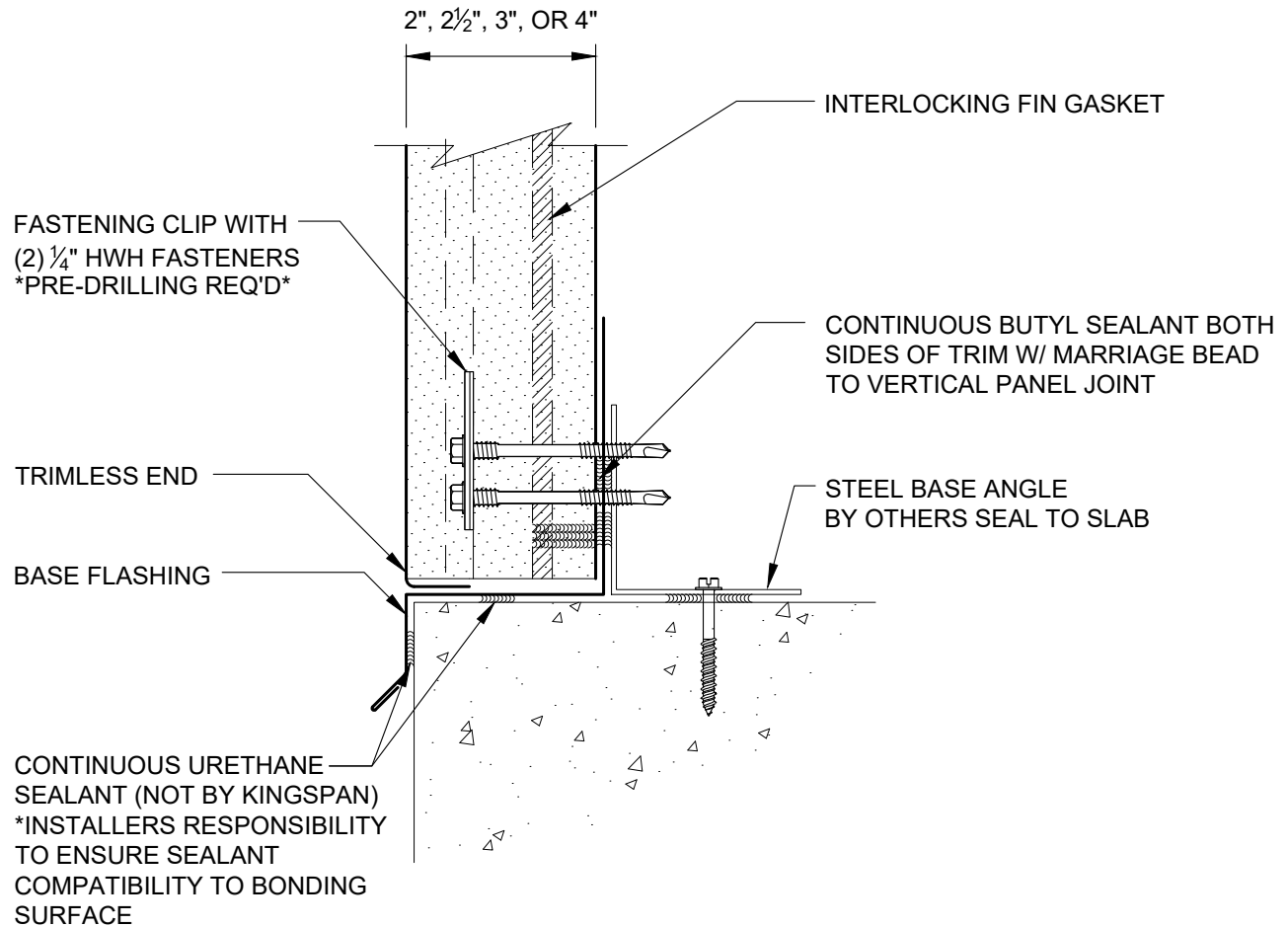
REGION: NORTH AMERICA

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DW-2000 - VERTICAL INSTALLATION



REVISION	
REVISION #	DATE
8	1/8/24

BASE DETAIL - FLUSH
W/ EXTRUSION

DETAIL #: AR-BS-02-DW2V

RELEASE: 2024

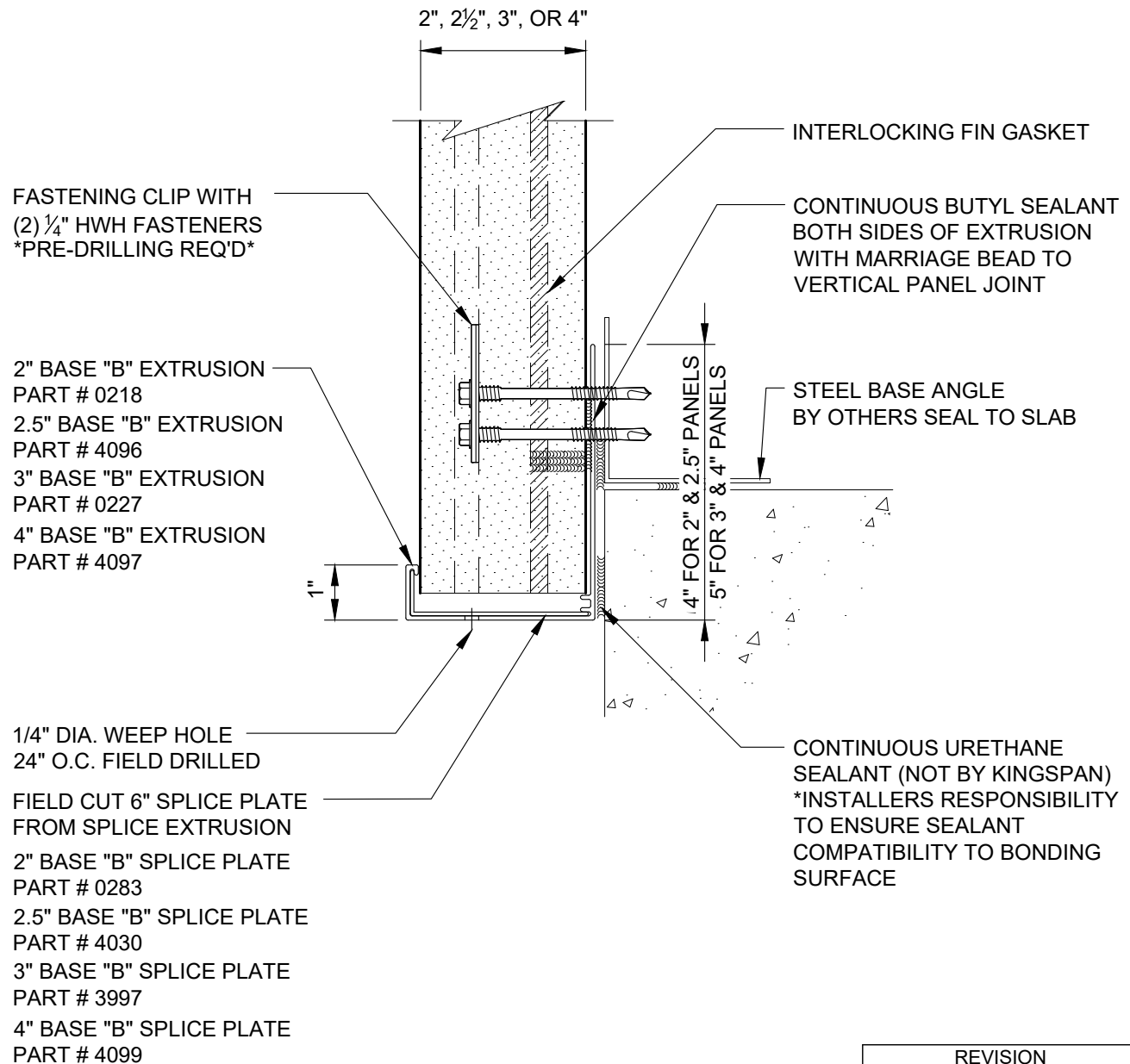
REGION: NORTH AMERICA

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REVISION	
REVISION #	DATE
8	1/8/24

BASE DETAIL -
OVERHANG

DETAIL #: AR-BS-03-DW2V

RELEASE: 2024

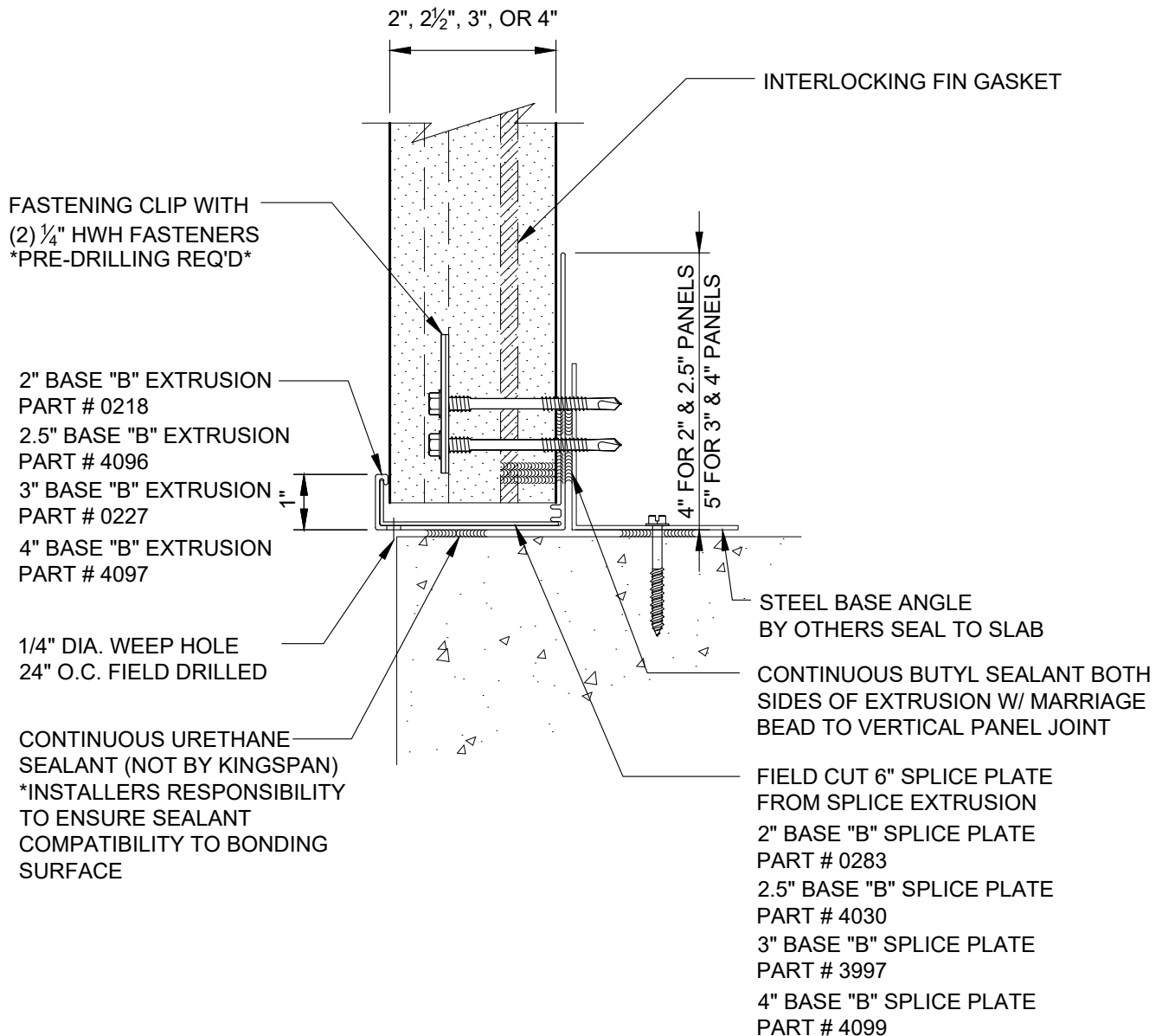
REGION: NORTH AMERICA

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NOTE: BREAKFORMED SPLICE FOR 2 ½" AND 4" PANEL EXTRUSIONS

REVISION	
REVISION #	DATE
8	1/8/24

BASE DETAIL -
FLUSH

DETAIL #: AR-BS-04-DW2V

RELEASE: 2024

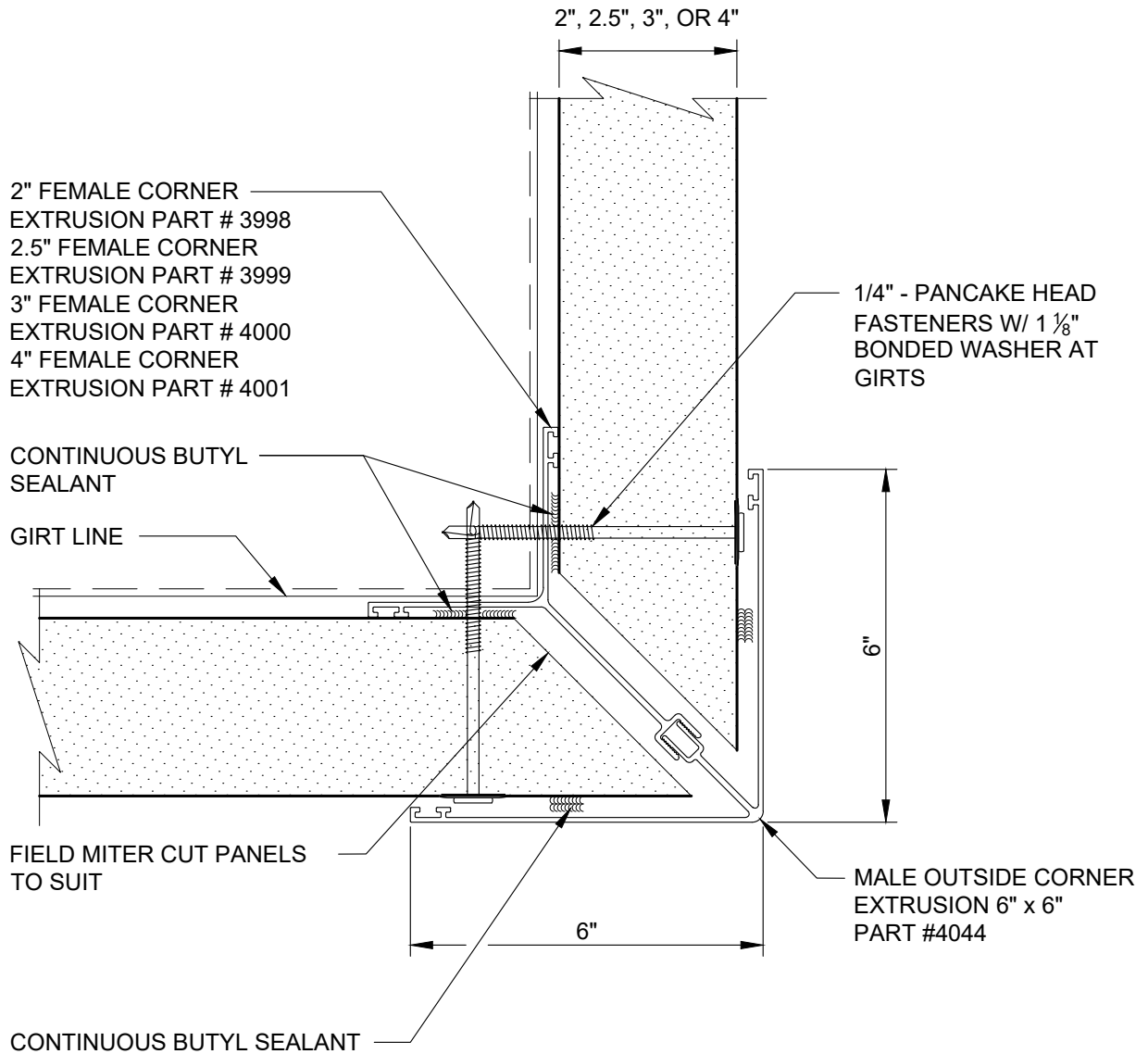
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REVISION	
REVISION #	DATE
5	12/5/23

OUTSIDE CORNER
W/ EXTRUSION

DETAIL #: AR-OC-01-DW2V

RELEASE: 2024

REGION: NORTH AMERICA

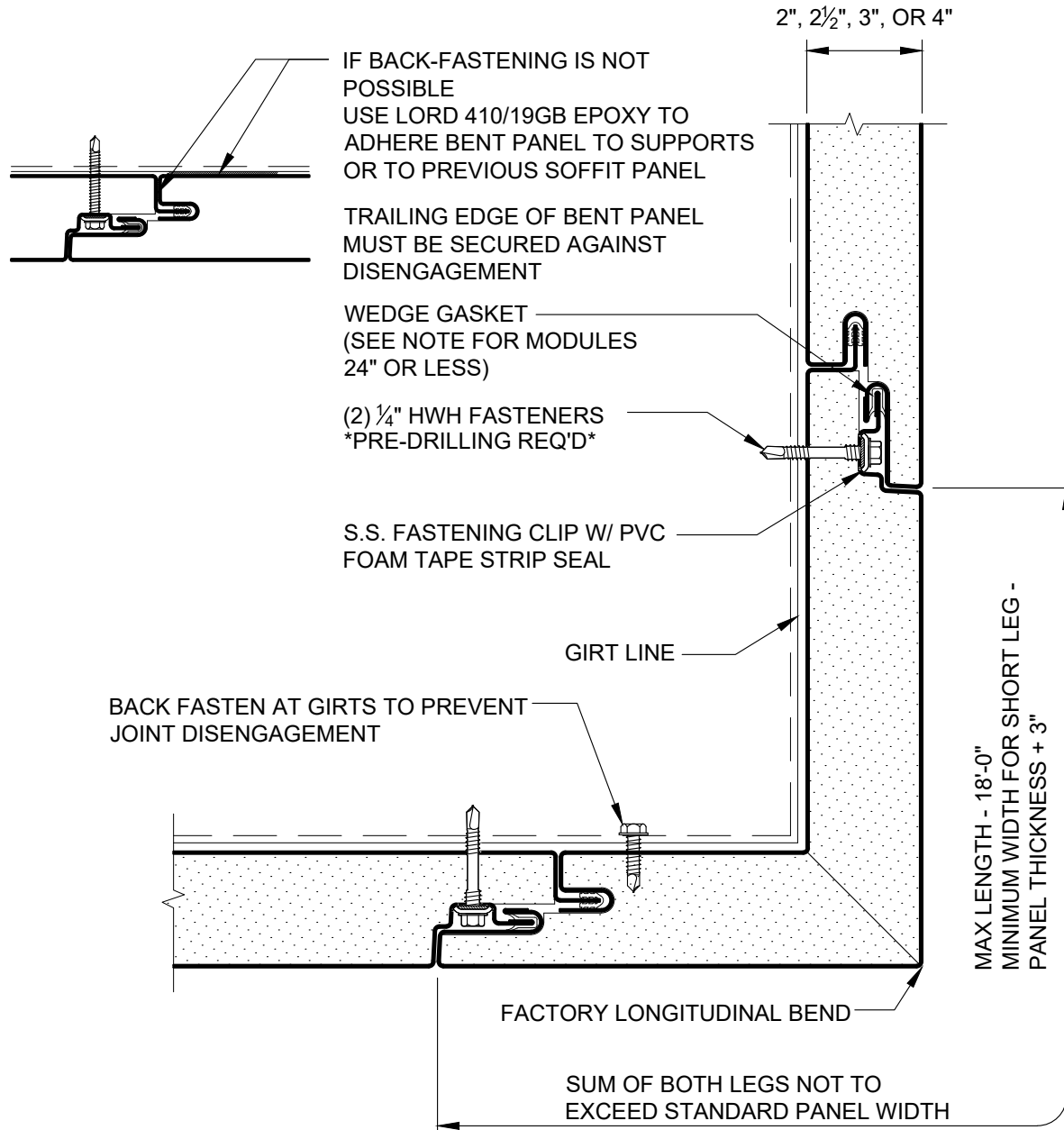
www.kingspanpanels.com



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NOTE:
FOR PANEL MODULES LESS THAN 24" PLEASE
CONTACT KINGSPAN TECHNICAL SERVICES FOR
SPECIAL REQUIREMENTS.



REVISION	
REVISION #	DATE
5	12/5/23

FORMED OUTSIDE
CORNER

DETAIL #: AR-OC-02-DW2V

RELEASE: 2024

REGION: NORTH AMERICA

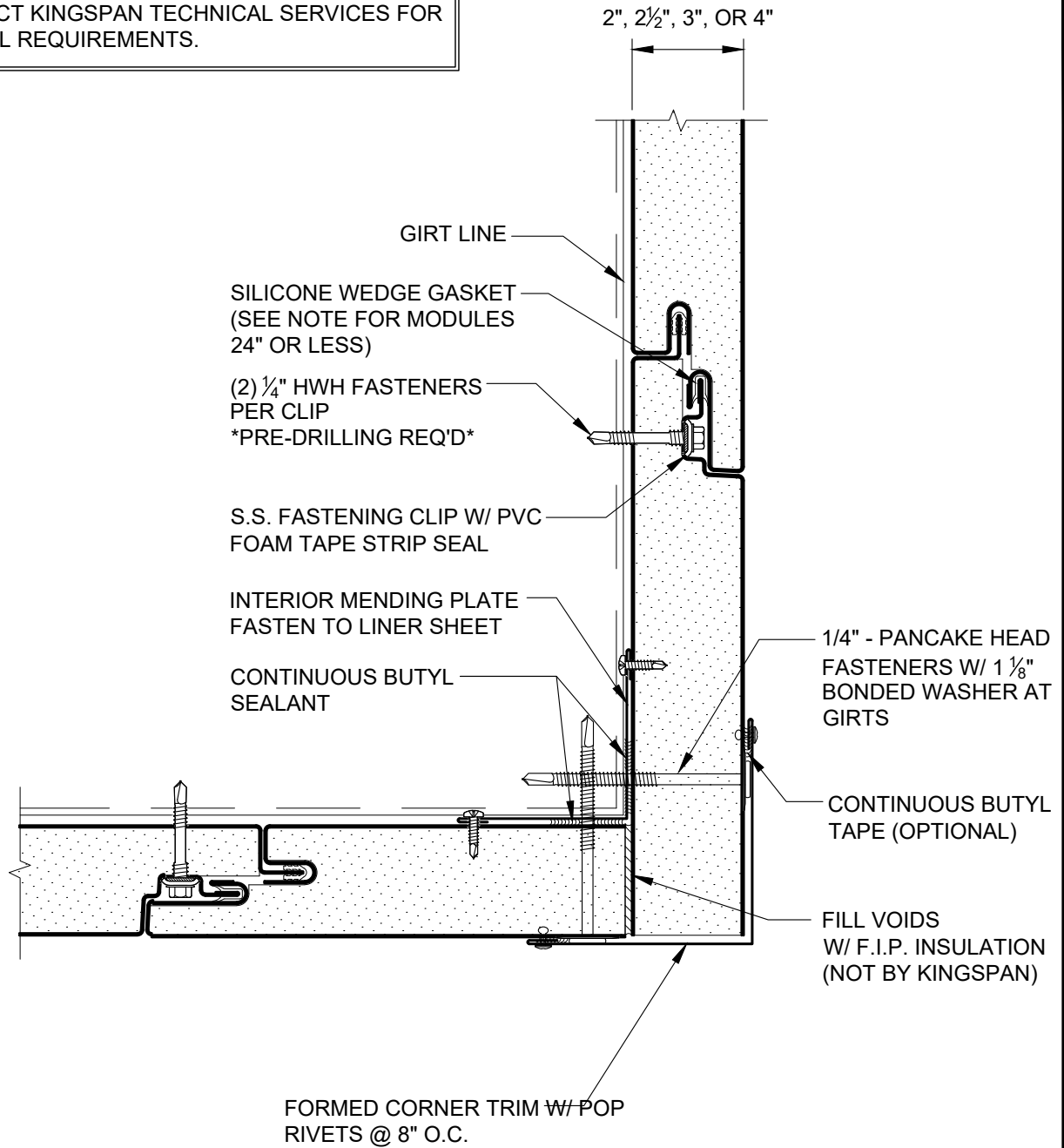
www.kingspanpanels.com



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DW-2000 - VERTICAL INSTALLATION

NOTE:
FOR PANEL MODULES LESS THAN 24" PLEASE
CONTACT KINGSPAN TECHNICAL SERVICES FOR
SPECIAL REQUIREMENTS.



REVISION

REVISION #	DATE
5	12/5/23

FLASHED
OUTSIDE CORNER

DETAIL #: AR-OC-03-DW2V

RELEASE: 2024

REGION: NORTH AMERICA

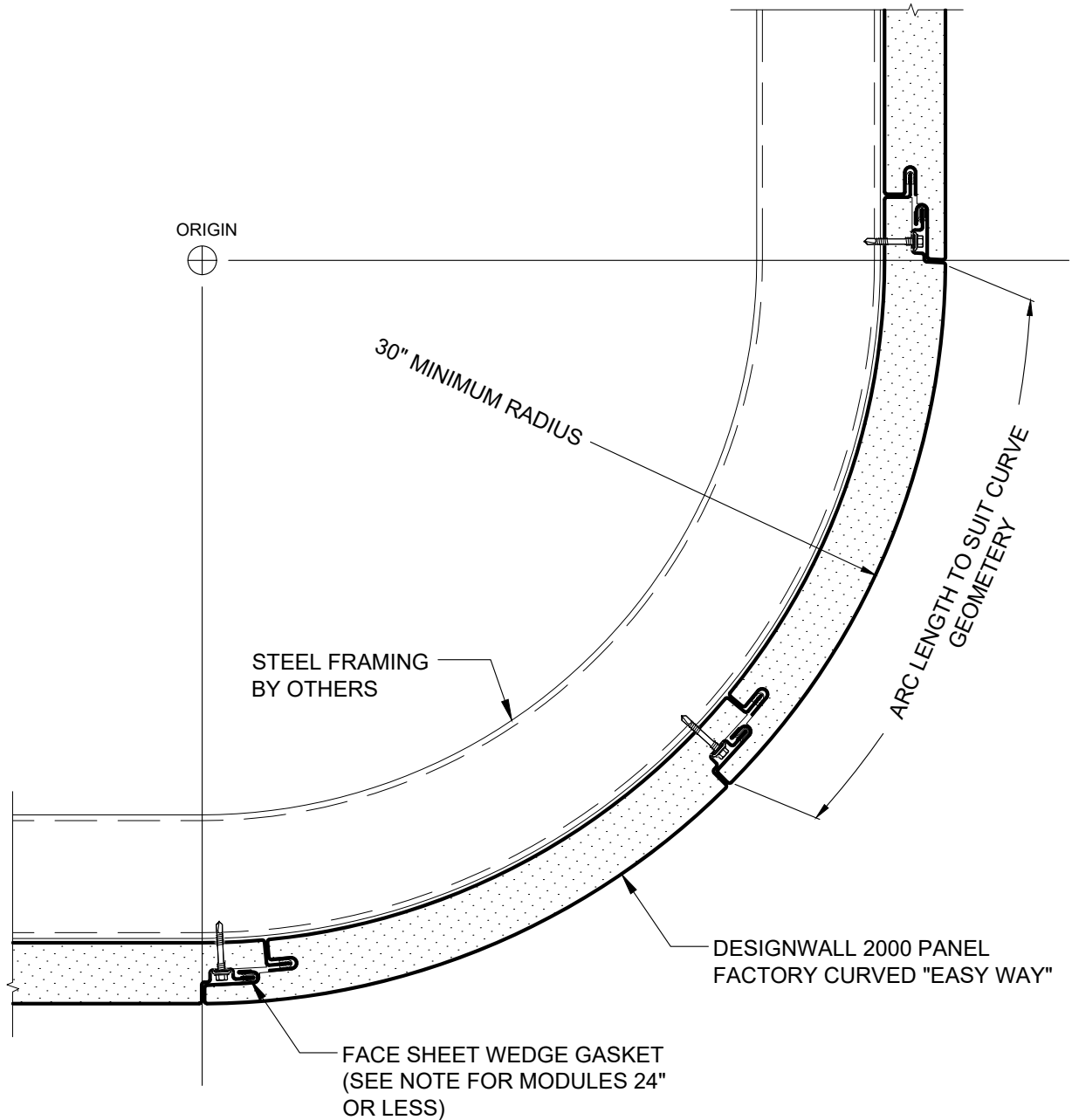
www.kingspanpanels.com



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DW-2000 - VERTICAL INSTALLATION

NOTE:
FOR PANEL MODULES LESS THAN 24" PLEASE
CONTACT KINGSPAN TECHNICAL SERVICES FOR
SPECIAL REQUIREMENTS.



REVISION	
REVISION #	DATE
5	12/5/23

**CURVED
OUTSIDE CORNER**

DETAIL #: AR-OC-04-DW2V
RELEASE: 2024
REGION: NORTH AMERICA
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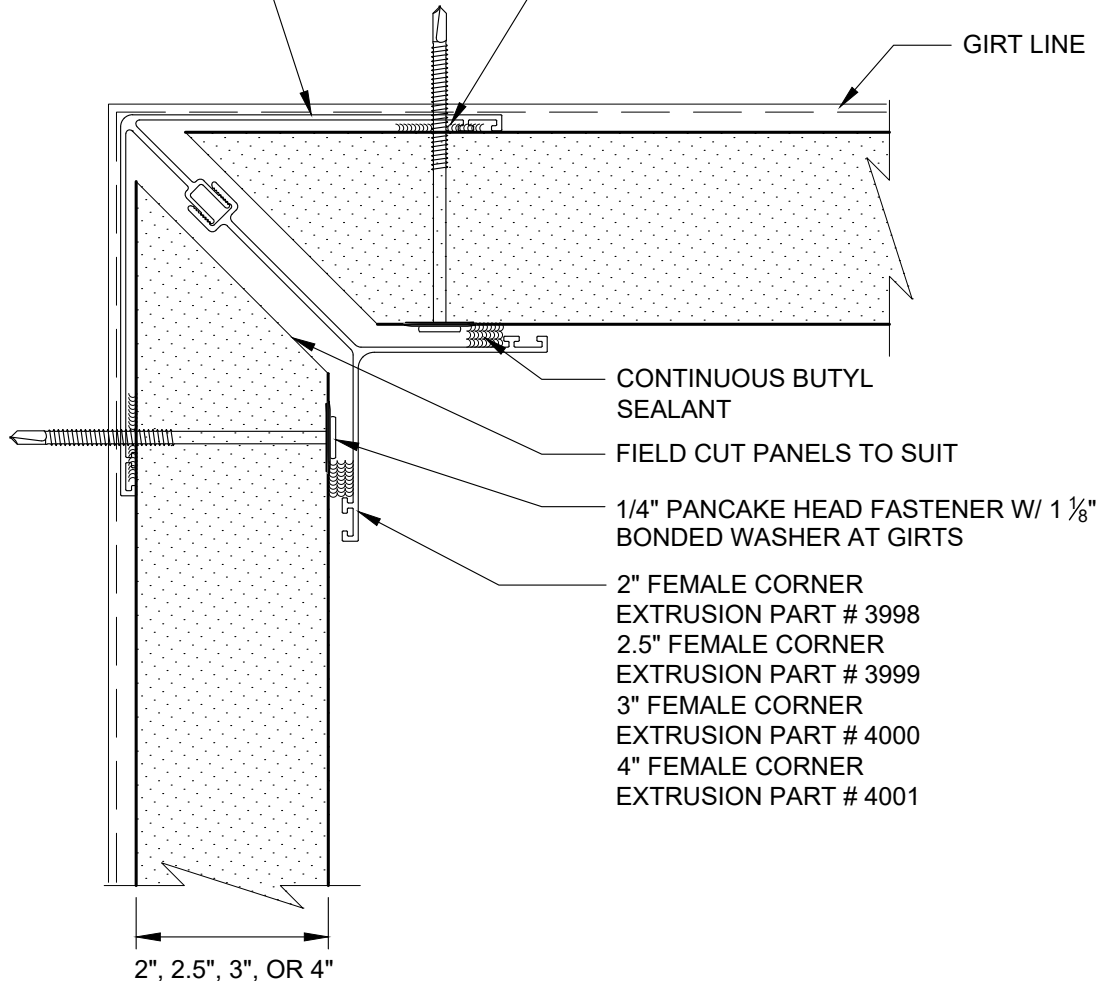
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MALE OUTSIDE CORNER
EXTRUSION 6" x 6"
PART #4044

CONTINUOUS BUTYL
SEALANT

GIRT LINE



REVISION

REVISION #	DATE
5	12/5/23

INSIDE CORNER
W/ EXTRUSION

DETAIL #: AR-IC-01-DW2V

RELEASE: 2024

REGION: NORTH AMERICA

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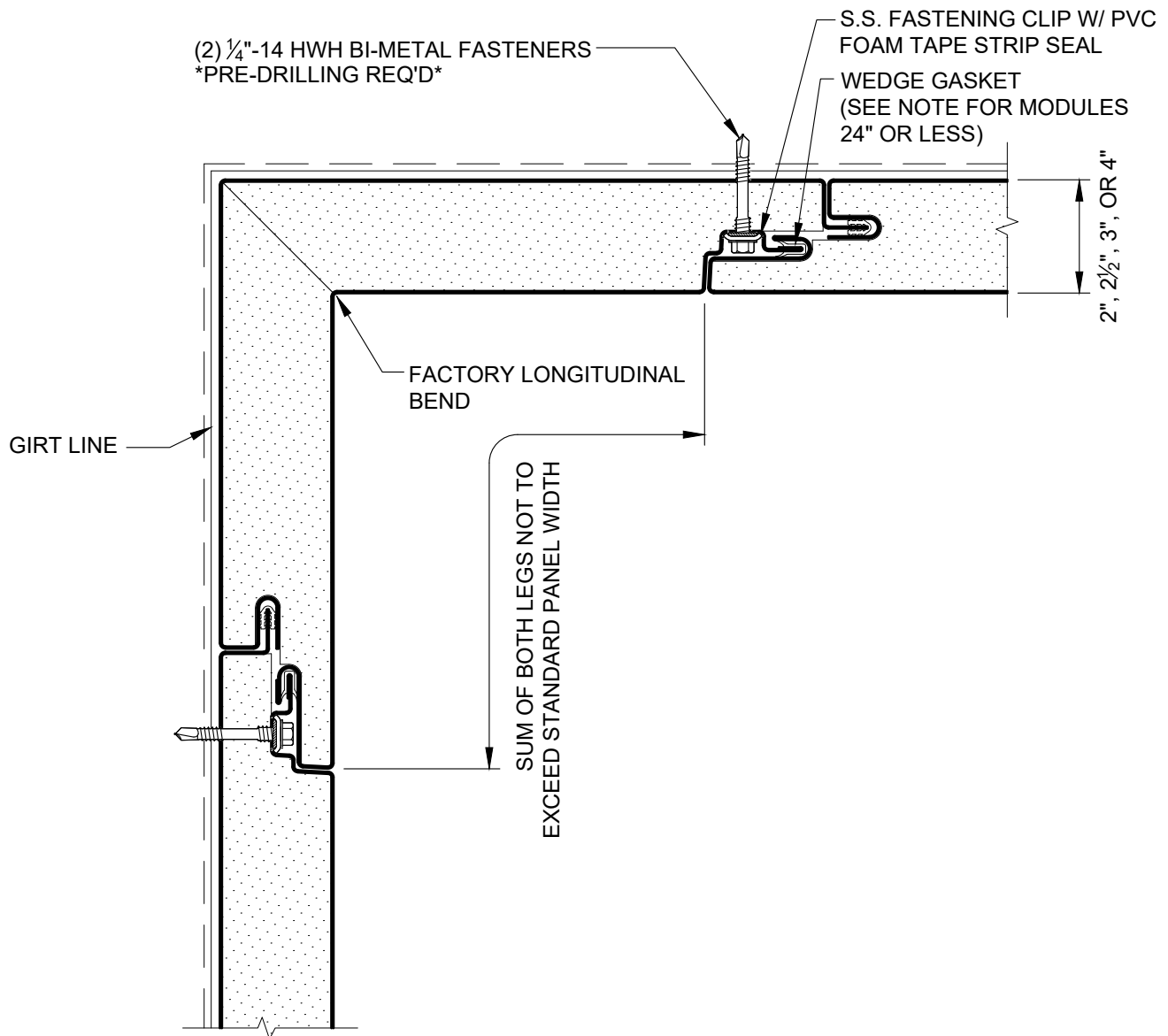


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NOTE:

FOR PANEL MODULES LESS THAN 24" PLEASE
CONTACT KINGSPAN TECHNICAL SERVICES FOR
SPECIAL REQUIREMENTS.



REVISION

REVISION #	DATE
5	12/5/23

**FORMED INSIDE
CORNER**

DETAIL #: AR-IC-02-DW2V

RELEASE: 2024

REGION: NORTH AMERICA

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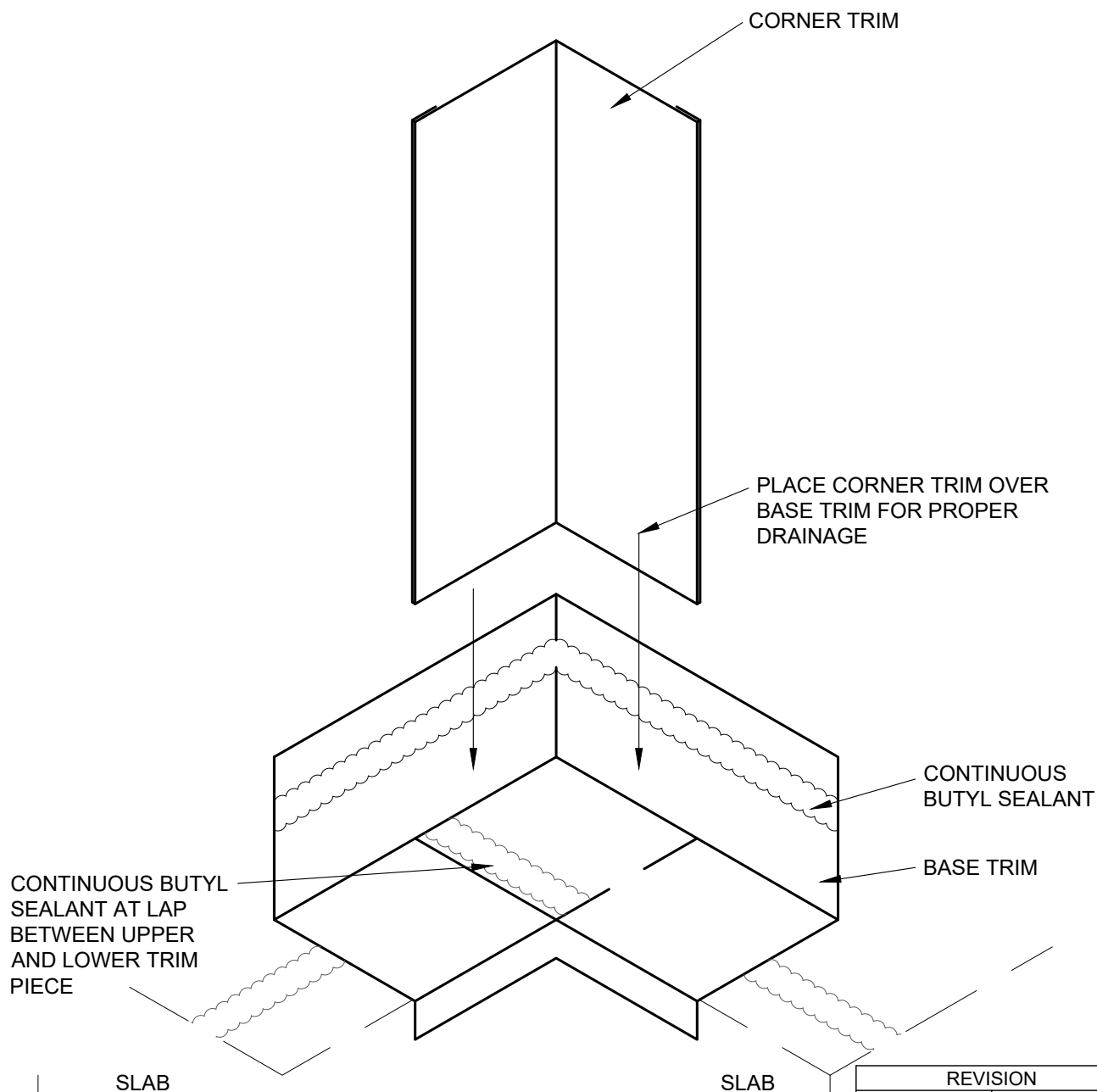


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FRAMING NOT SHOWN FOR
CLARITY OF DETAIL



REVISION	
REVISION #	DATE
5	12/5/23

INSIDE CORNER LAP AT
BASE TRIM EXPANDED

DETAIL #: AR-IC-04-DW2V

RELEASE: 2024

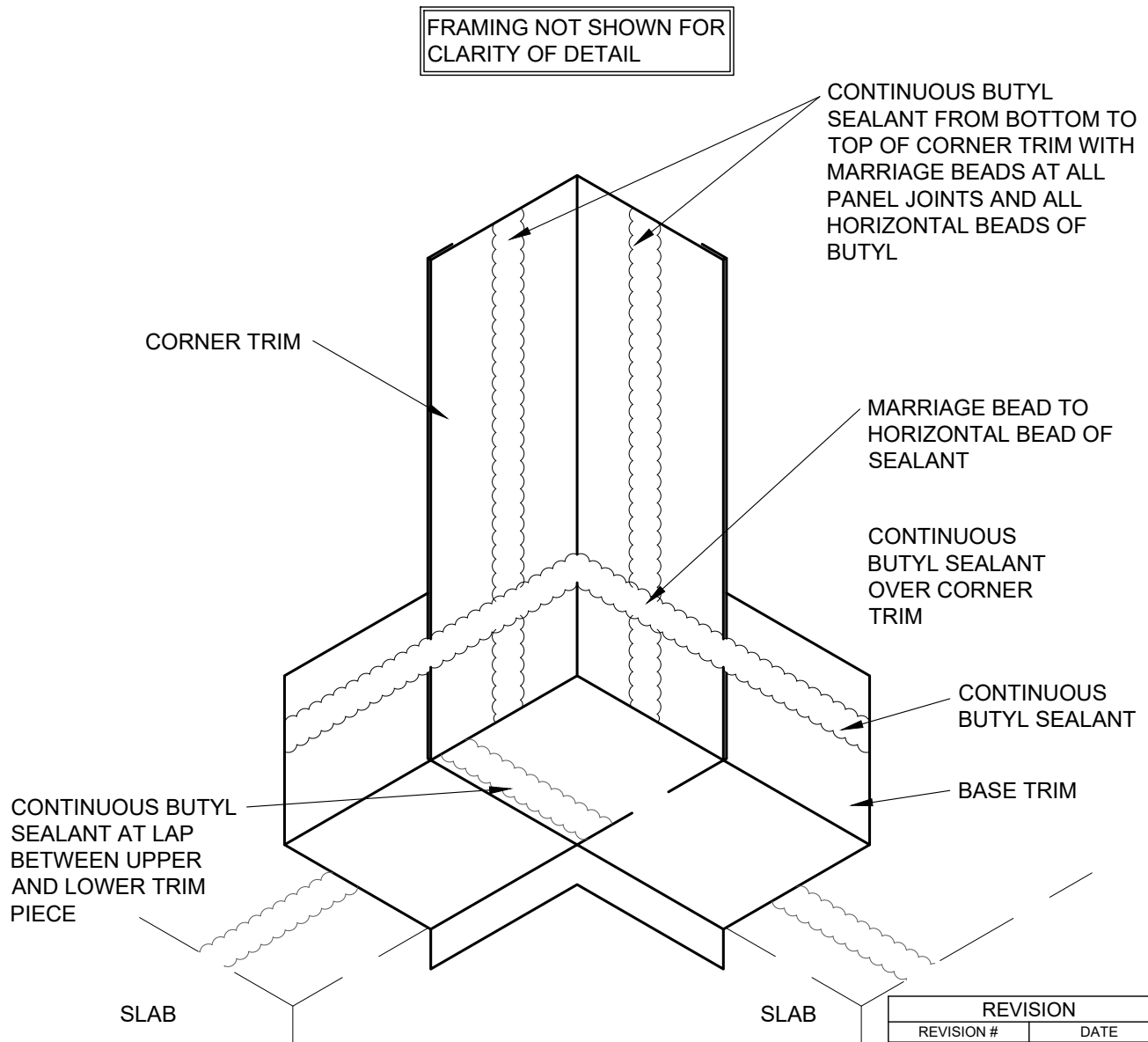
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DW-2000 - VERTICAL INSTALLATION



REVISION	
REVISION #	DATE
5	12/5/23

INSIDE CORNER LAP AT
BASE TRIM ENGAGED

DETAIL #: AR-IC-05-DW2V

RELEASE: 2024

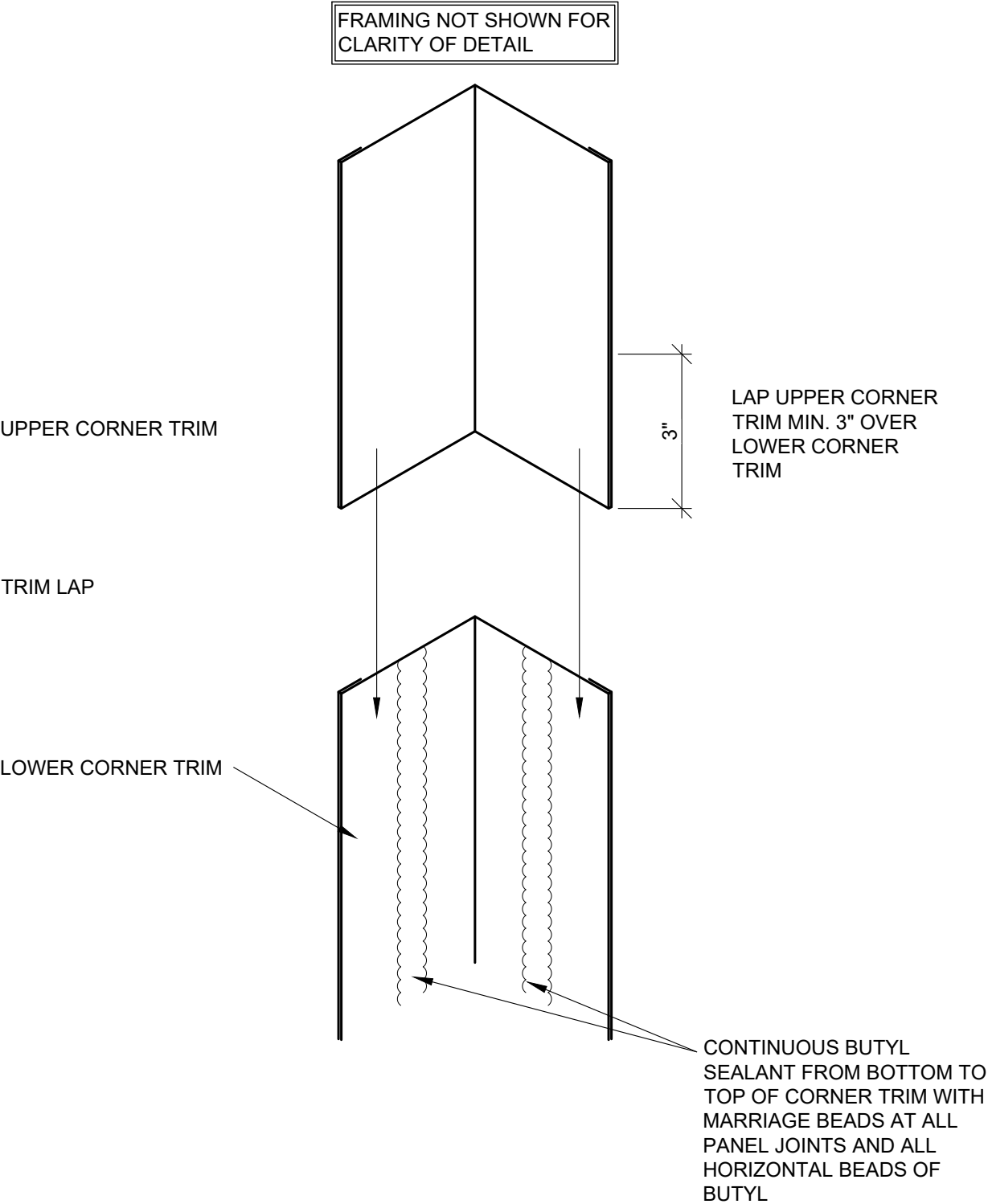
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DW-2000 - VERTICAL INSTALLATION



REVISION	
REVISION #	DATE
5	12/5/23

INSIDE CORNER TRIM
LAP EXPANDED

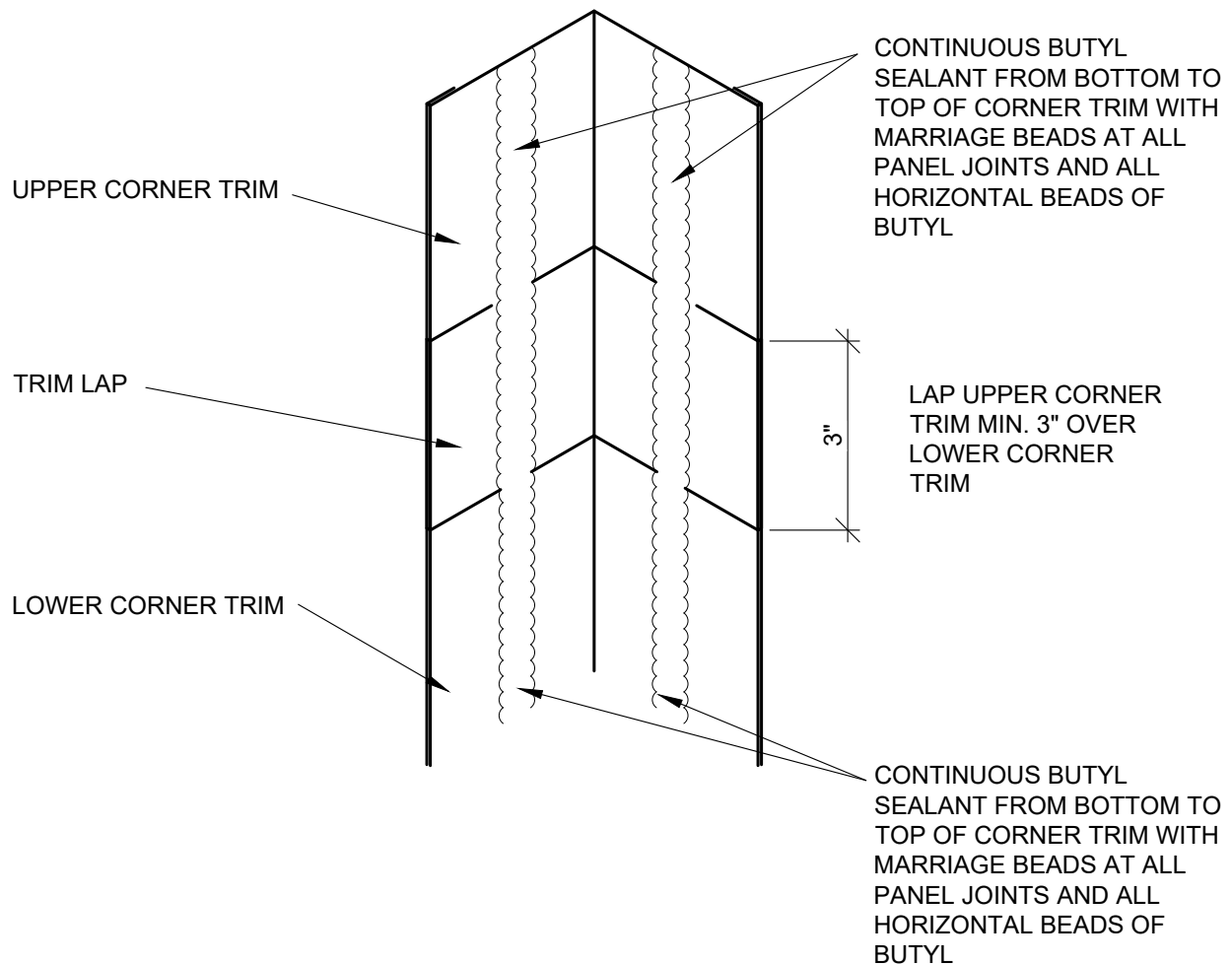
DETAIL #: AR-IC-06-DW2V
RELEASE: 2024
REGION: NORTH AMERICA
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FRAMING NOT SHOWN FOR
CLARITY OF DETAIL



REVISION	
REVISION #	DATE
5	12/5/23

INSIDE CORNER TRIM
LAP ENGAGED

DETAIL #: AR-IC-07-DW2V

RELEASE: 2024

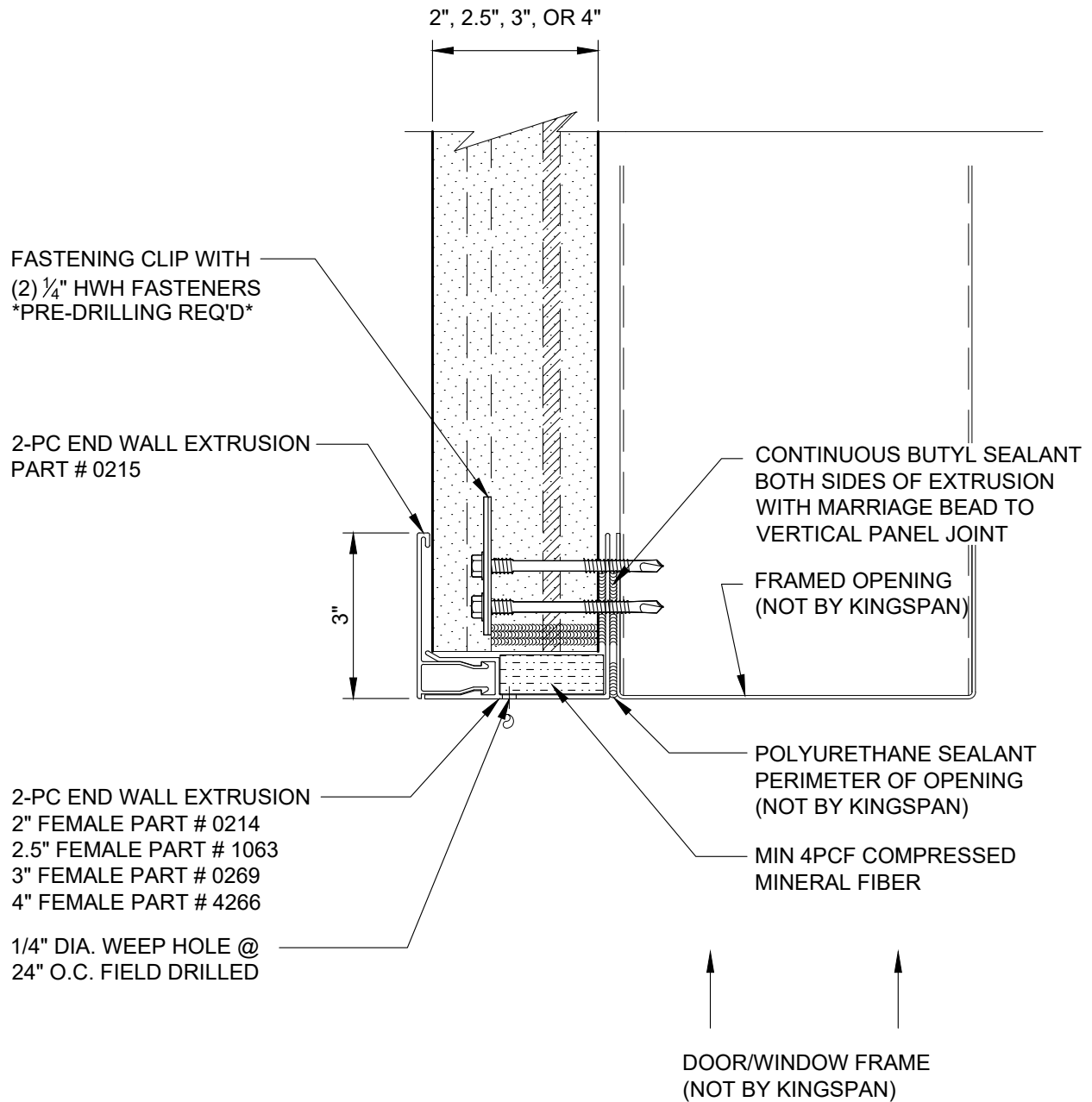
REGION: NORTH AMERICA

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DW-2000 - VERTICAL INSTALLATION



NOTE: 1) SEE DETAIL AR-TL-07-DW2V, AR-TL-08-DW2V, AR-TL-09-DW2V, AR-TL-10-DW2V
AND AR-TL-16-DW2V FOR TYPICAL TRIM LAP INSTRUCTIONS

REVISION	
REVISION #	DATE
5	12/5/23

DOOR HEAD
W/ EXTRUSION

DETAIL #: AR-FO-01-DW2V

RELEASE: 2024

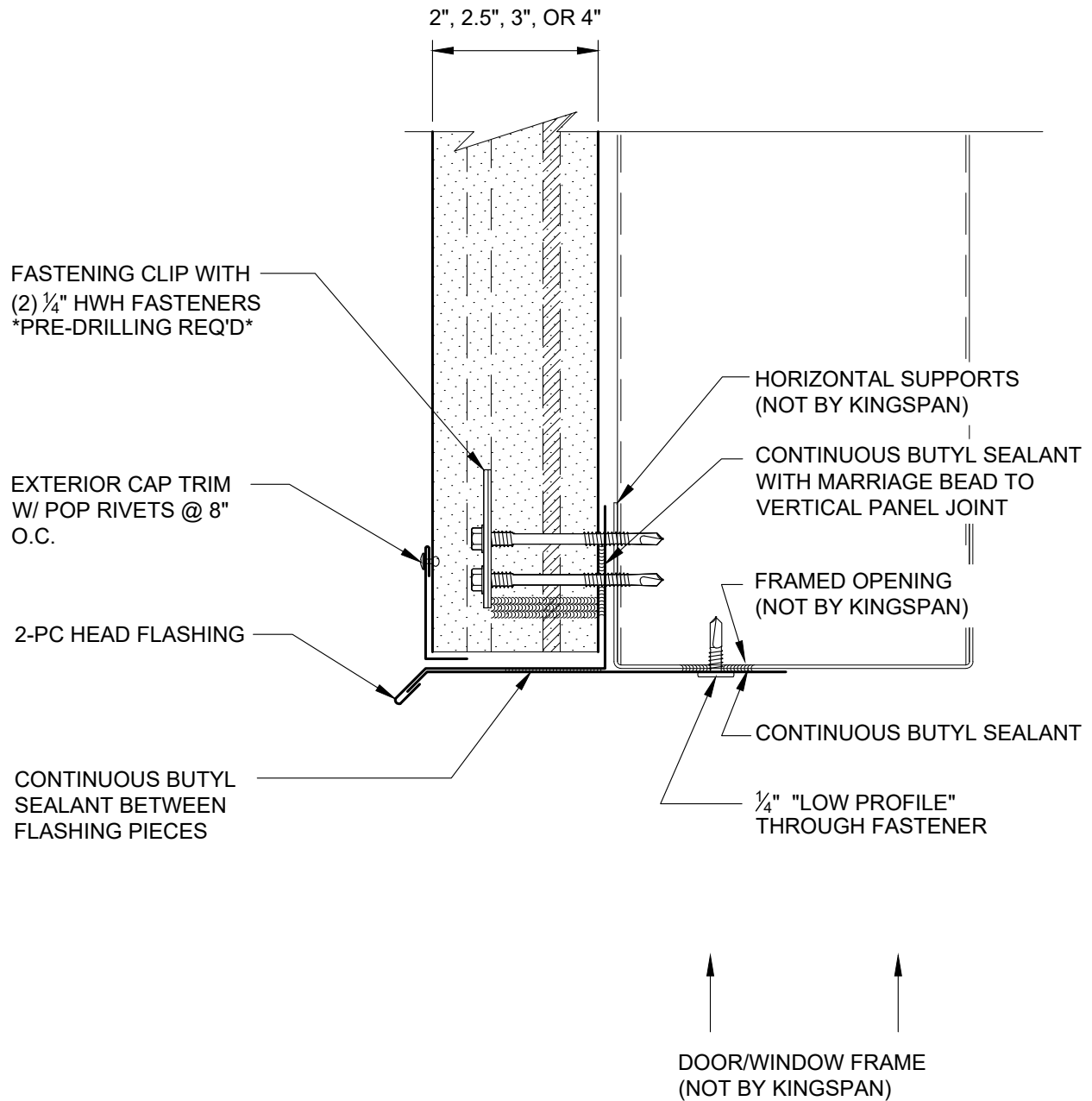
REGION: NORTH AMERICA

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DW-2000 - VERTICAL INSTALLATION



NOTE: 1) SEE DETAIL AR-TL-07-DW2V, AR-TL-08-DW2V, AR-TL-09-DW2V, AR-TL-10-DW2V
AND AR-TL-16-DW2V FOR TYPICAL TRIM LAP INSTRUCTIONS

REVISION	
REVISION #	DATE
5	12/5/23

DOOR HEAD
W/ FLASHING

DETAIL #: AR-FO-02-DW2V

RELEASE: 2024

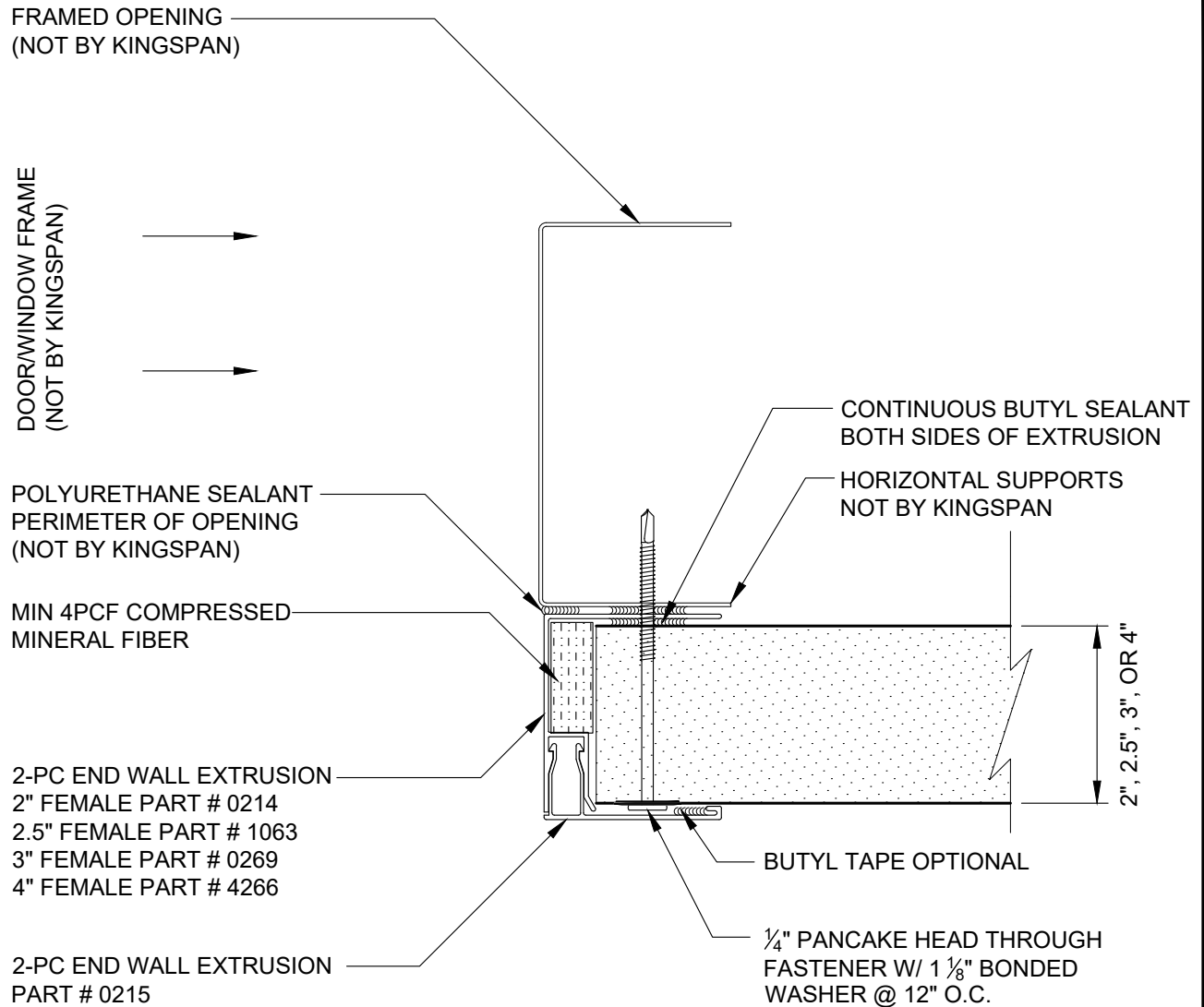
REGION: NORTH AMERICA

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NOTE: 1) SEE DETAIL AR-TL-07-DW2V, AR-TL-08-DW2V, AR-TL-09-DW2V, AR-TL-10-DW2V
AND AR-TL-16-DW2V FOR TYPICAL TRIM LAP INSTRUCTIONS

REVISION	
REVISION #	DATE
5	12/5/23

DOOR JAMB
W/ EXTRUSION

DETAIL #: AR-FO-03-DW2V

RELEASE: 2024

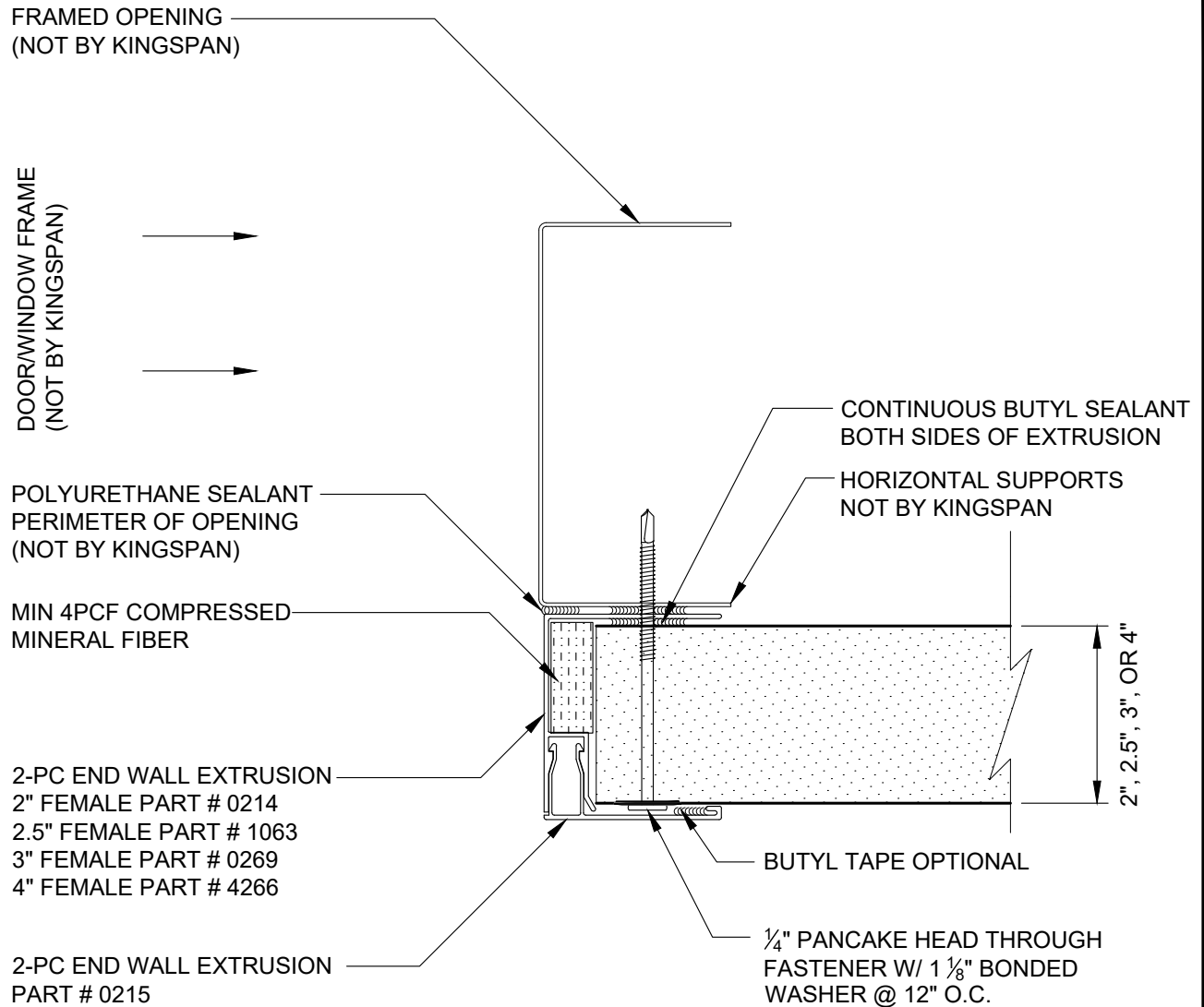
REGION: NORTH AMERICA

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DW-2000 - VERTICAL INSTALLATION



NOTE: 1) SEE DETAIL AR-TL-07-DW2V, AR-TL-08-DW2V, AR-TL-09-DW2V, AR-TL-10-DW2V
AND AR-TL-16-DW2V FOR TYPICAL TRIM LAP INSTRUCTIONS

REVISION	
REVISION #	DATE
5	12/5/23

DOOR JAMB
W/ FLASHING

DETAIL #: AR-FO-04-DW2V

RELEASE: 2024

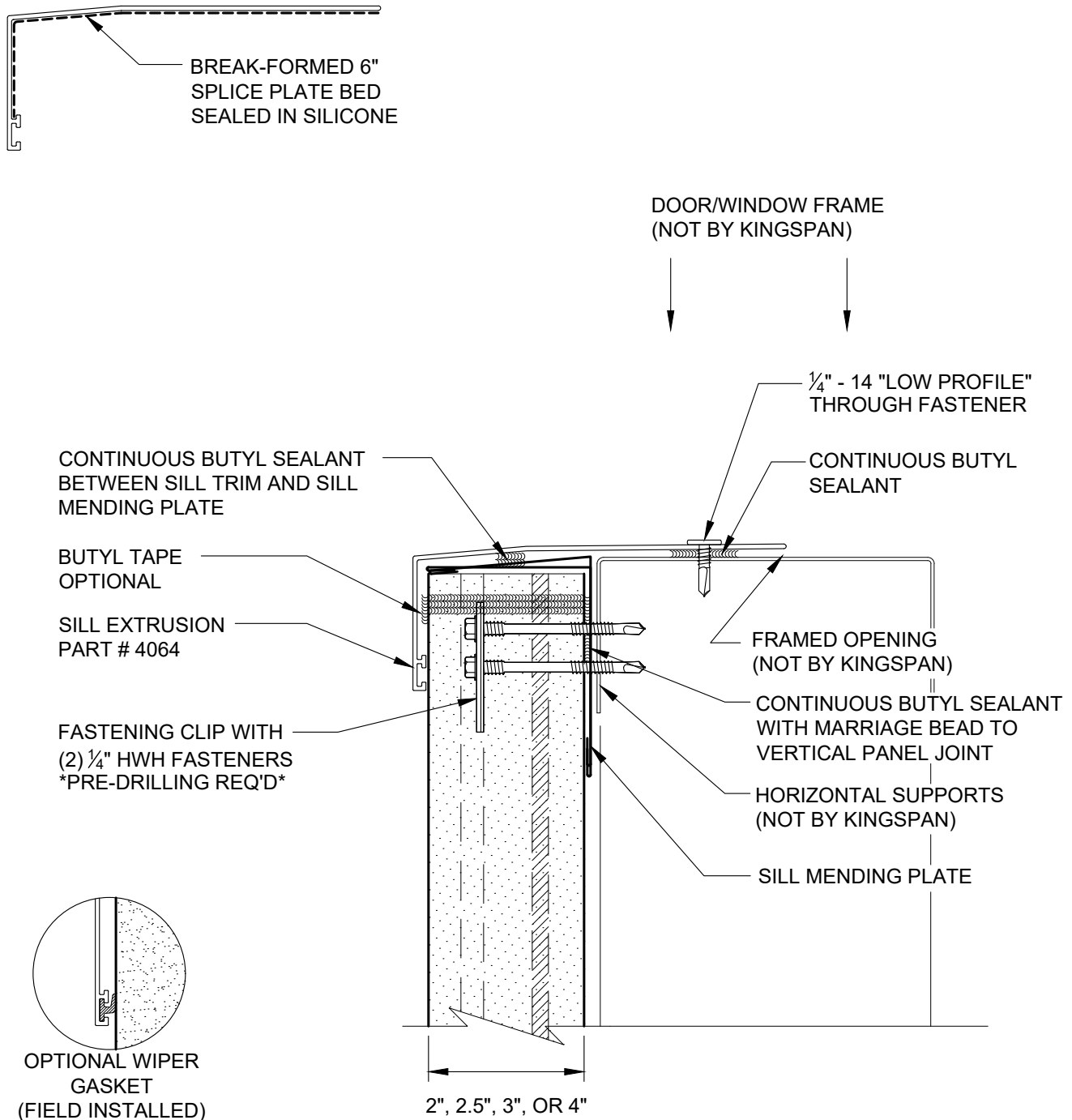
REGION: NORTH AMERICA

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NOTE: 1) SEE DETAIL AR-TL-07-DW2V, AR-TL-08-DW2V, AR-TL-09-DW2V, AR-TL-10-DW2V AND AR-TL-16-DW2V FOR TYPICAL TRIM LAP INSTRUCTIONS

REVISION	
REVISION #	DATE
5	12/5/23

WINDOW SILL
W/ EXTRUSION

DETAIL #: AR-FO-05-DW2V

RELEASE: 2024

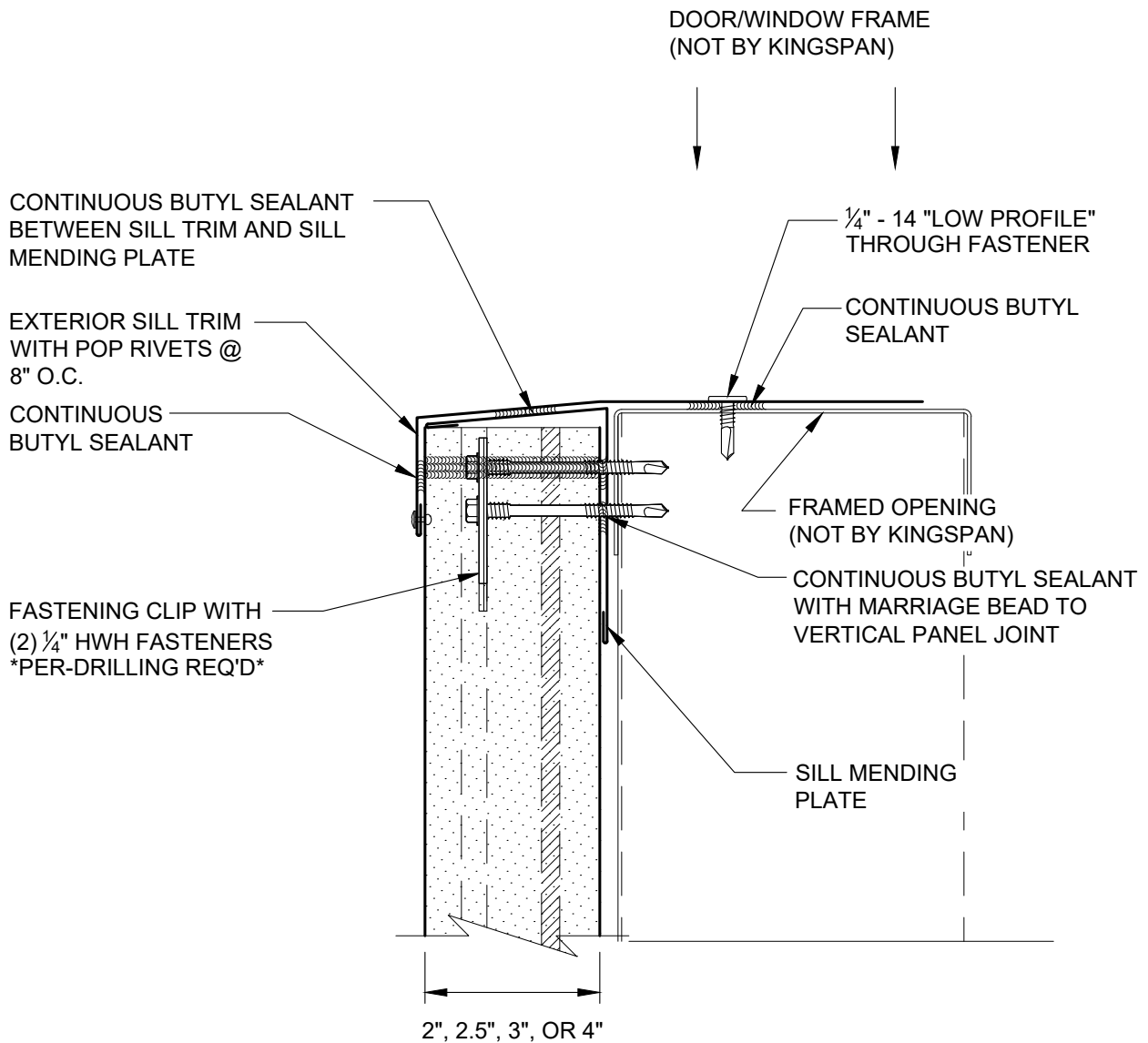
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NOTE: 1) SEE DETAIL AR-TL-07-DW2V, AR-TL-08-DW2V, AR-TL-09-DW2V, AR-TL-10-DW2V
AND AR-TL-16-DW2V FOR TYPICAL TRIM LAP INSTRUCTIONS

REVISION	
REVISION #	DATE
5	12/5/23

WINDOW SILL W/
FLASHING

DETAIL #: AR-FO-06-DW2V

RELEASE: 2024

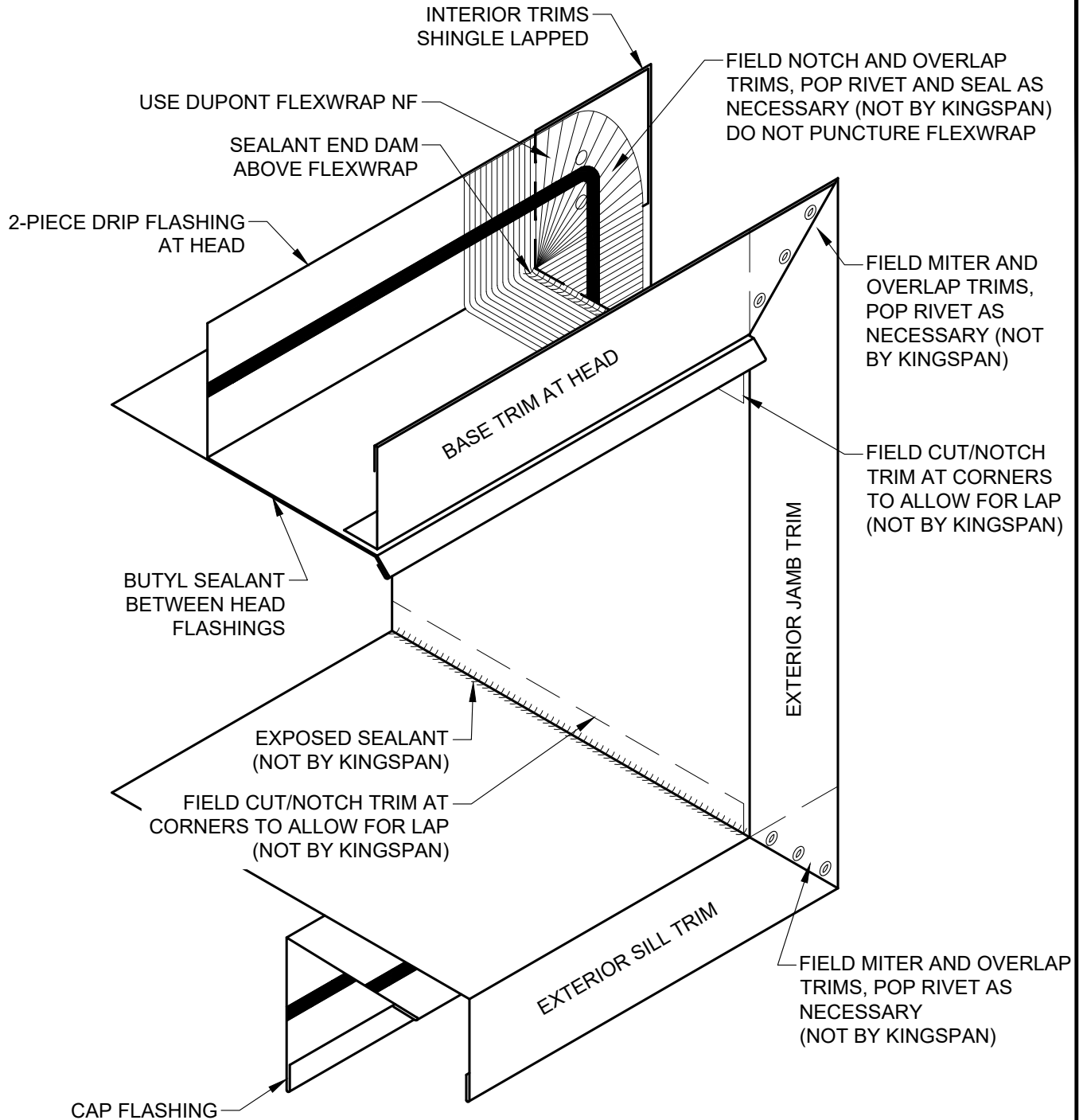
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PERFORM THIS WORK PRIOR
TO INSTALLING PANELS

REVISION

REVISION #	DATE
5	12/5/23

TRIM AT FRAMED
OPENING

DETAIL #: AR-FO-07-DW2V

RELEASE: 2024

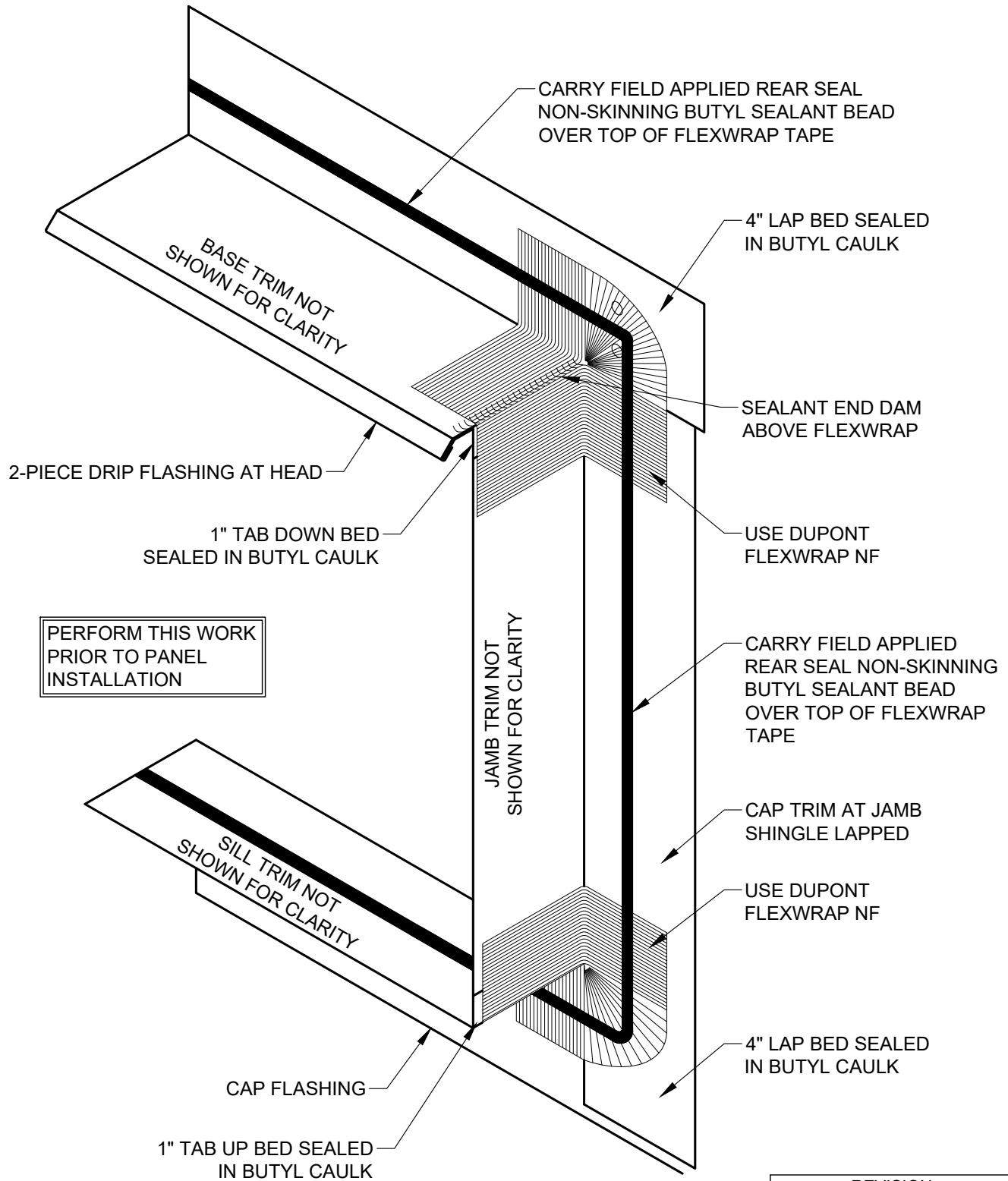
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REVISION #	DATE
5	12/5/23

TRIM AT FRAMED
OPENING

DETAIL #: AR-FO-08-DW2V

RELEASE: 2024

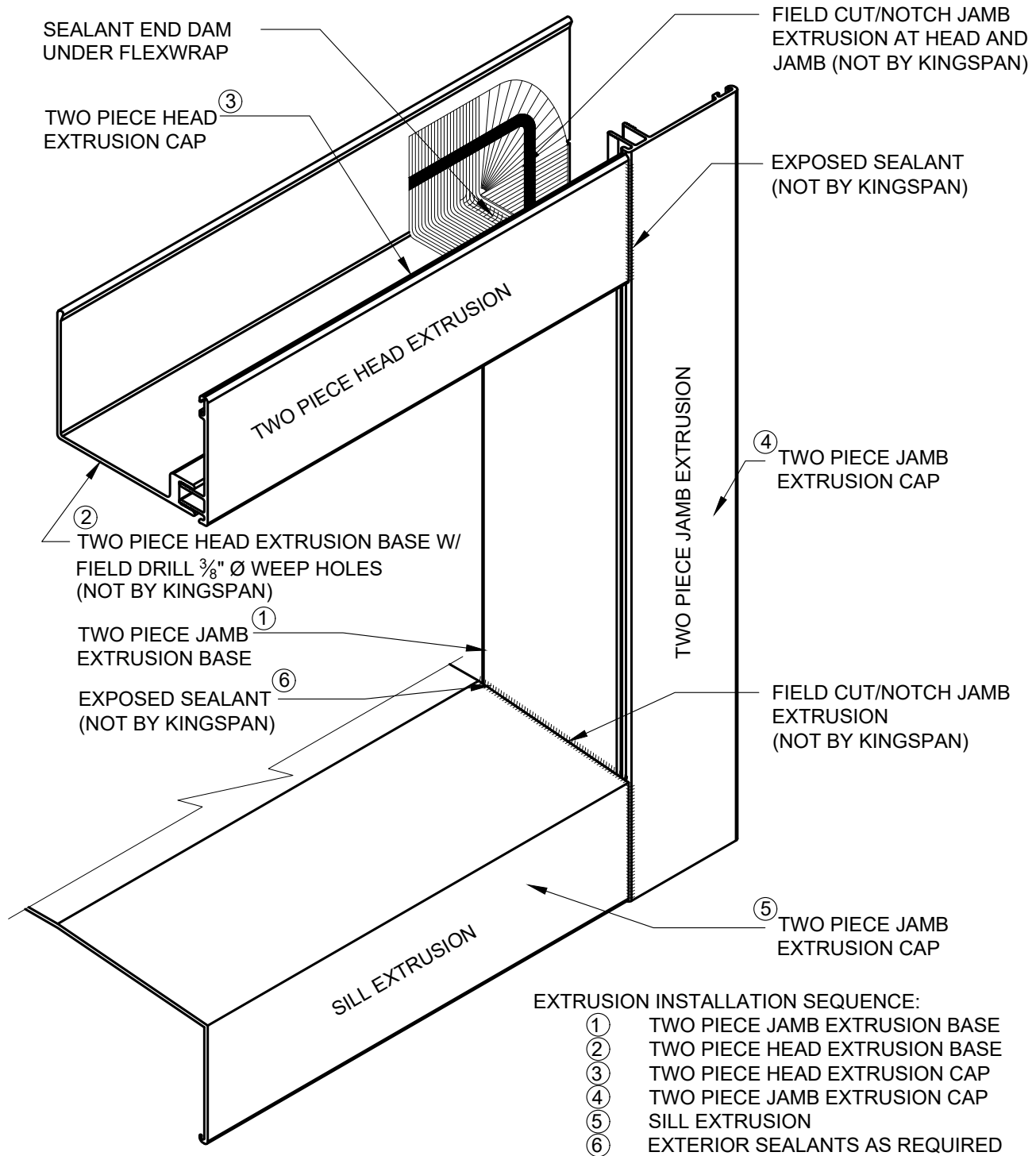
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REVISION #	DATE
5	12/5/23

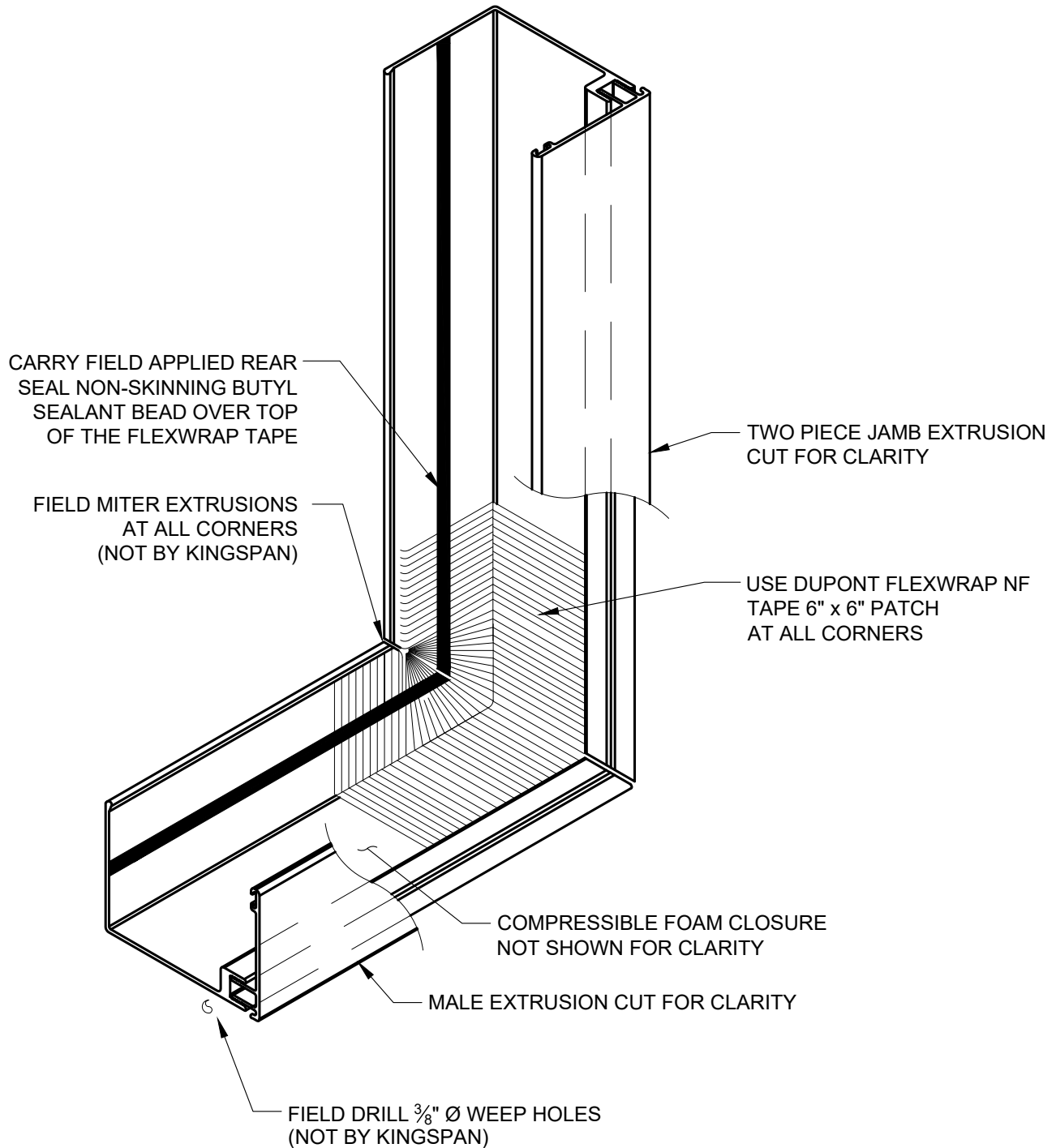
EXTRUSION W/
FLEXWRAP AT
FRAMED OPENING

DETAIL #: AR-FO-09-DW2V
RELEASE: 2024
REGION: NORTH AMERICA
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REVISION #	DATE
5	12/5/23

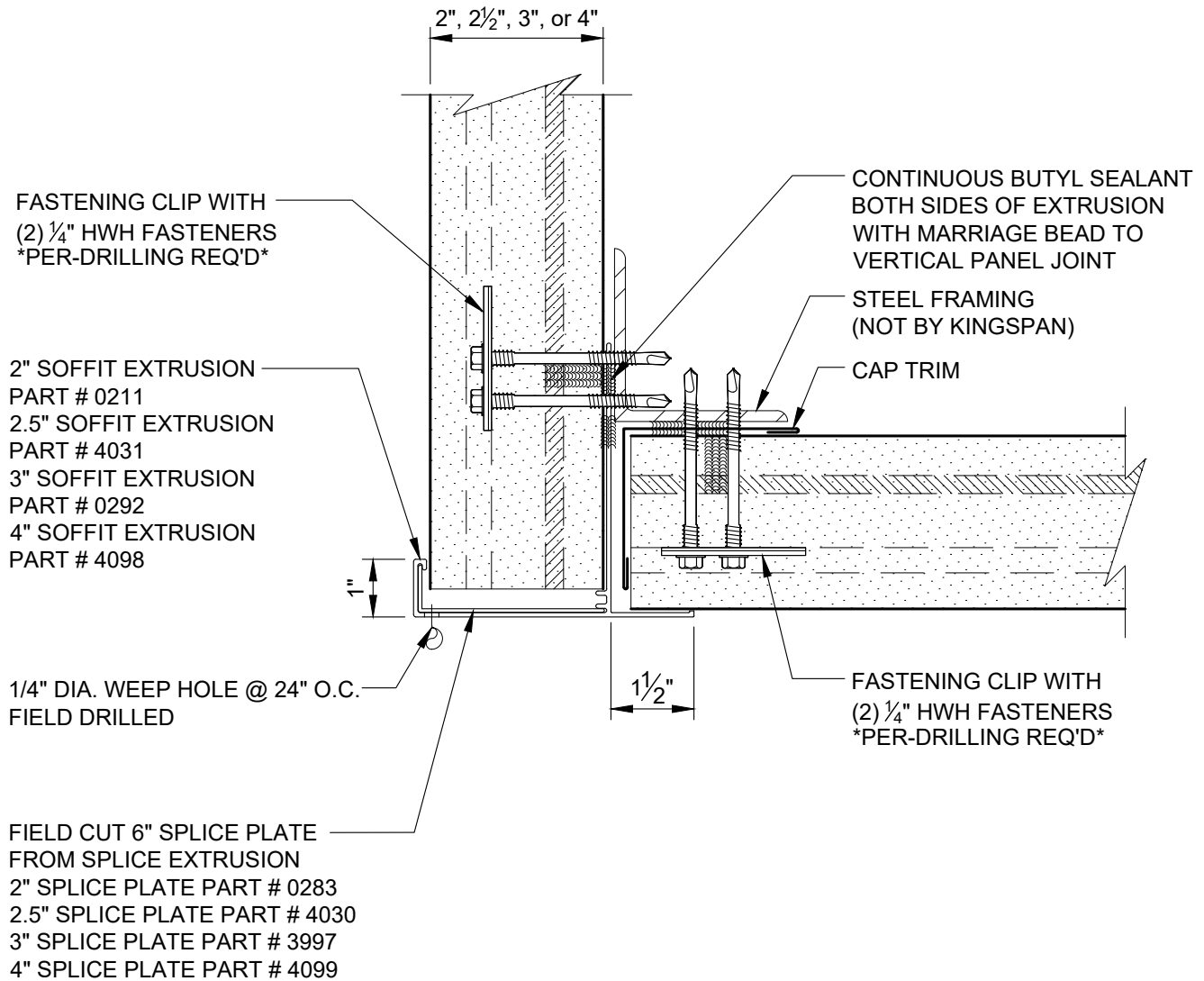
EXTRUSION W/
FLEXWRAP AT
FRAMED OPENING

DETAIL #: AR-FO-10-DW2V
RELEASE: 2024
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REVISION #	DATE
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SOFFIT W/
EXTRUSION

DETAIL #: AR-SF-01-DW2V

RELEASE: 2024

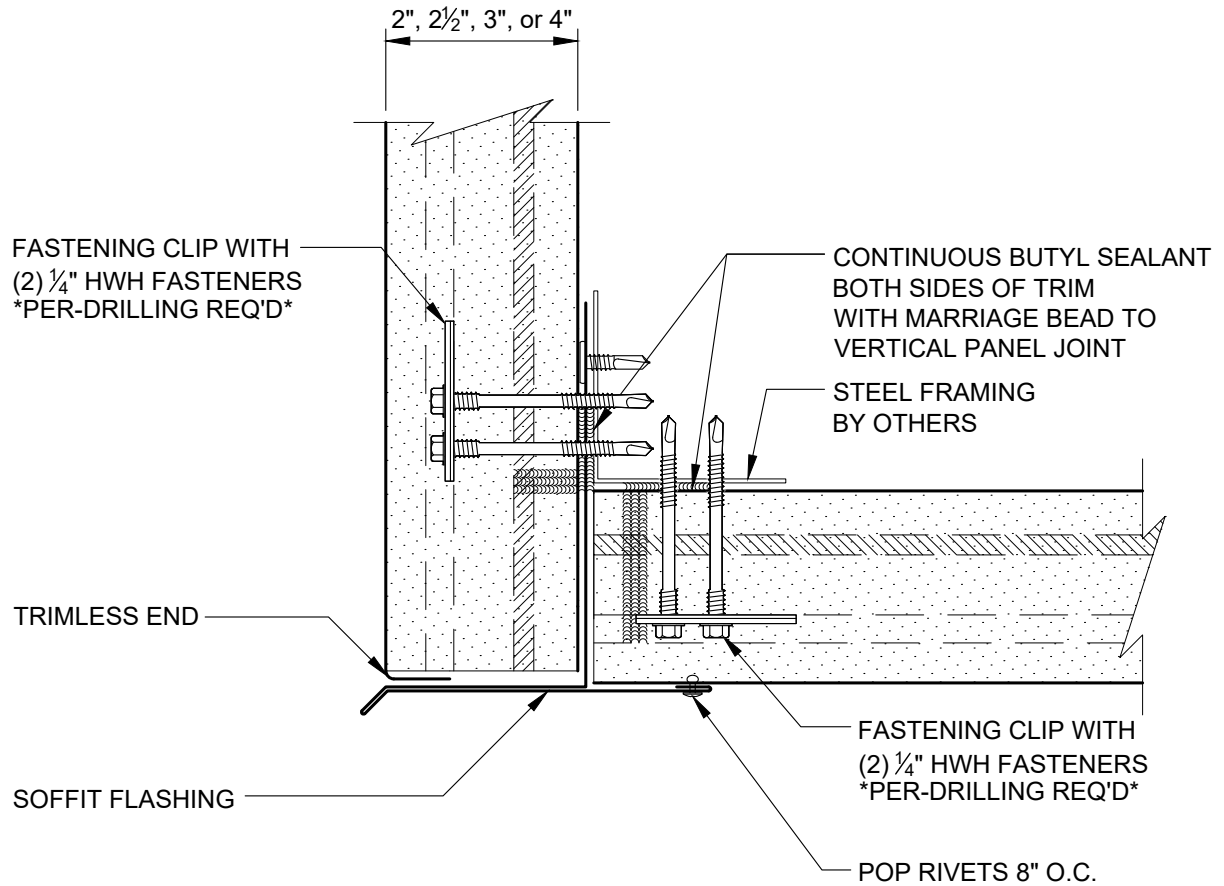
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REVISION	
REVISION #	DATE
5	12/5/23

SOFFIT W/
FLASHING

DETAIL #: AR-SF-02-DW2V

RELEASE: 2024

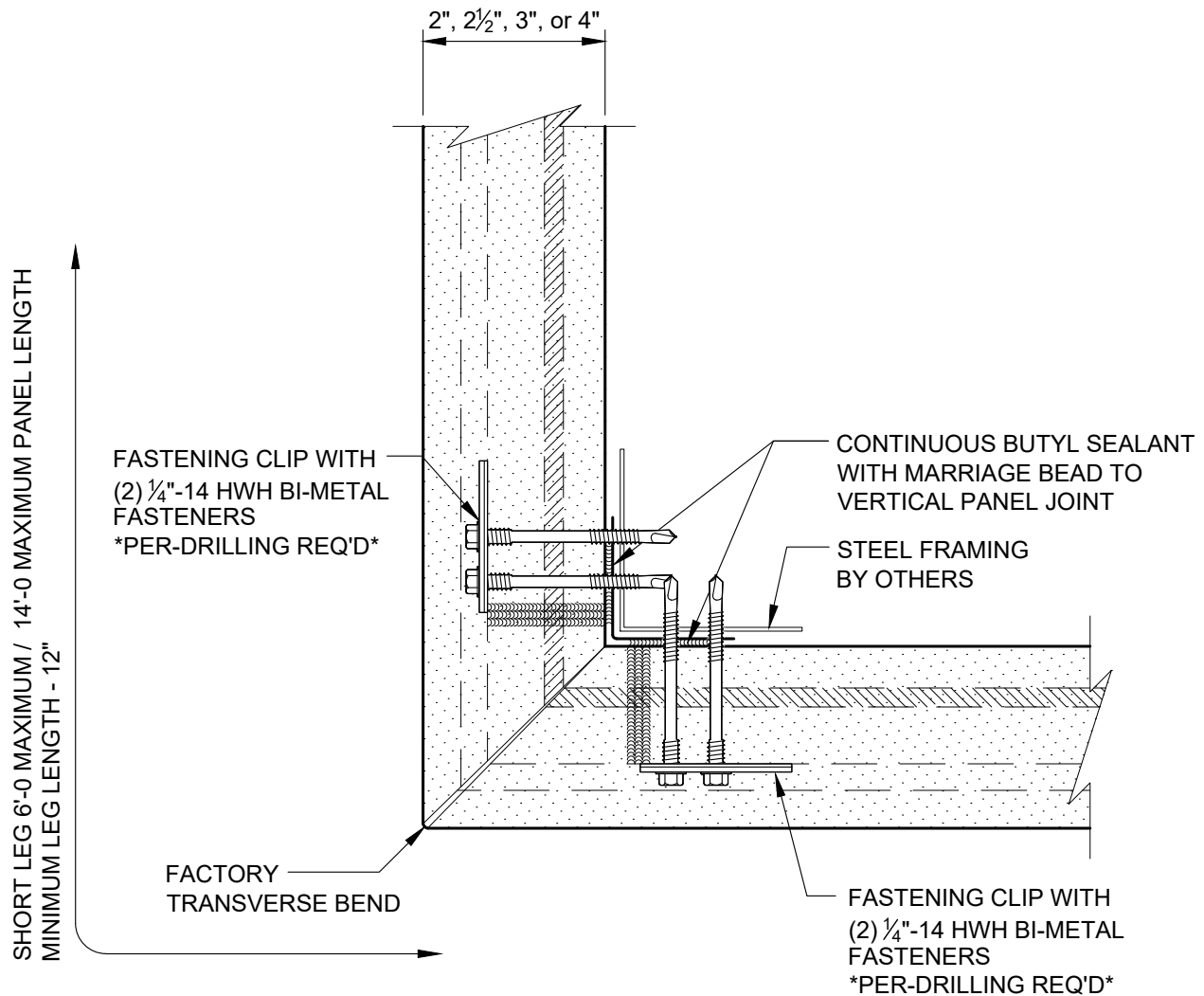
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REVISION	
REVISION #	DATE
5	12/5/23

TRANSVERSE BENT
SOFFIT

DETAIL #: AR-SF-03-DW2V

RELEASE: 2024

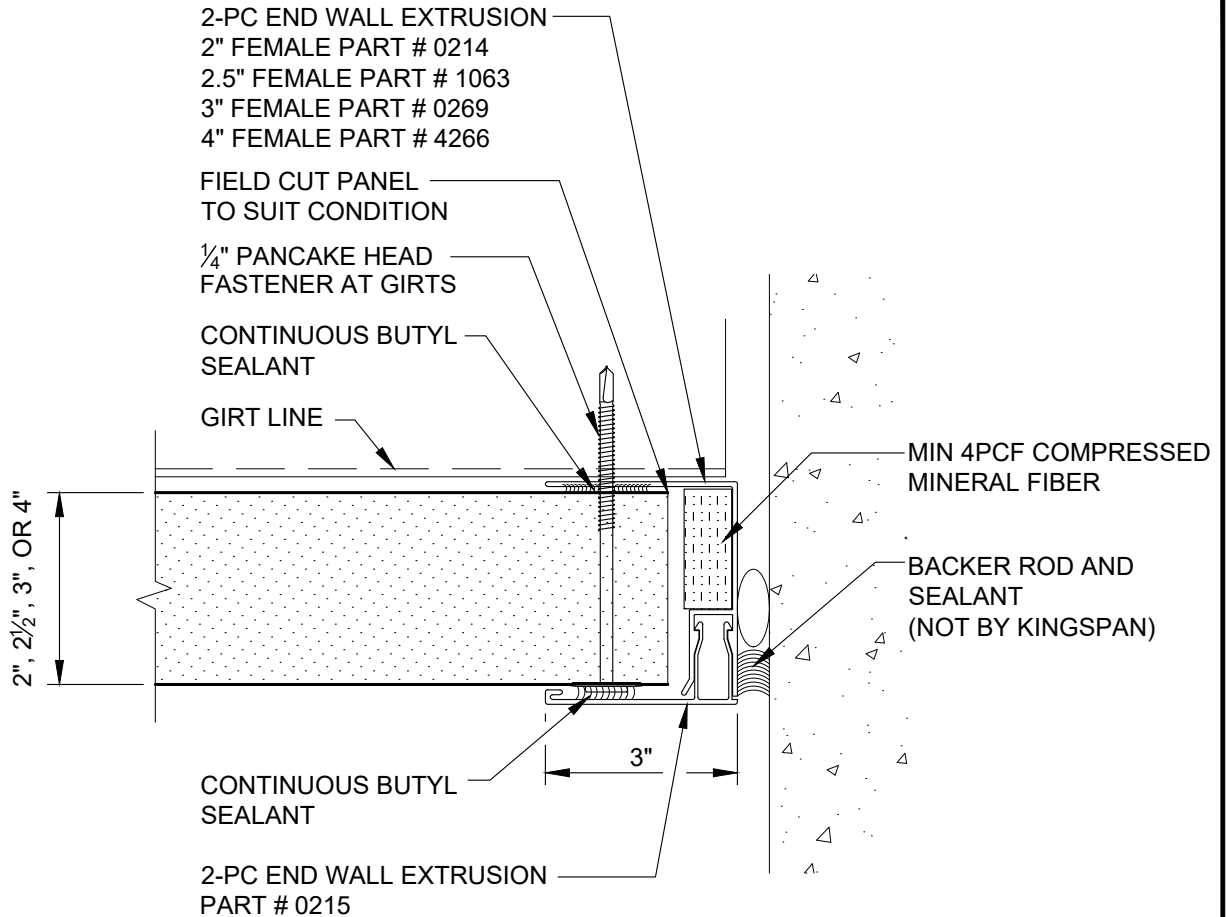
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5	12/5/23

END WALL W/
EXTRUSION

DETAIL #: AR-SF-04-DW2V

RELEASE: 2024

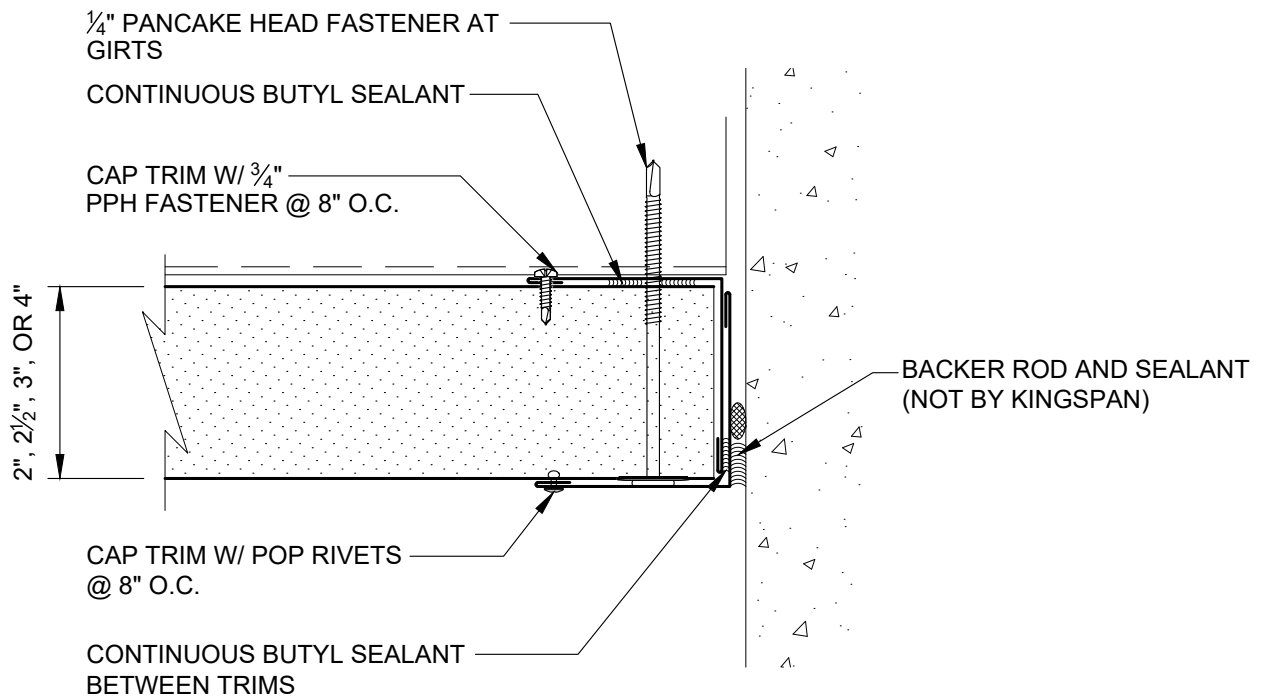
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REVISION	
REVISION #	DATE
5	12/5/23

END WALL W/
FLASHING

DETAIL #: AR-SF-05-DW2V

RELEASE: 2024

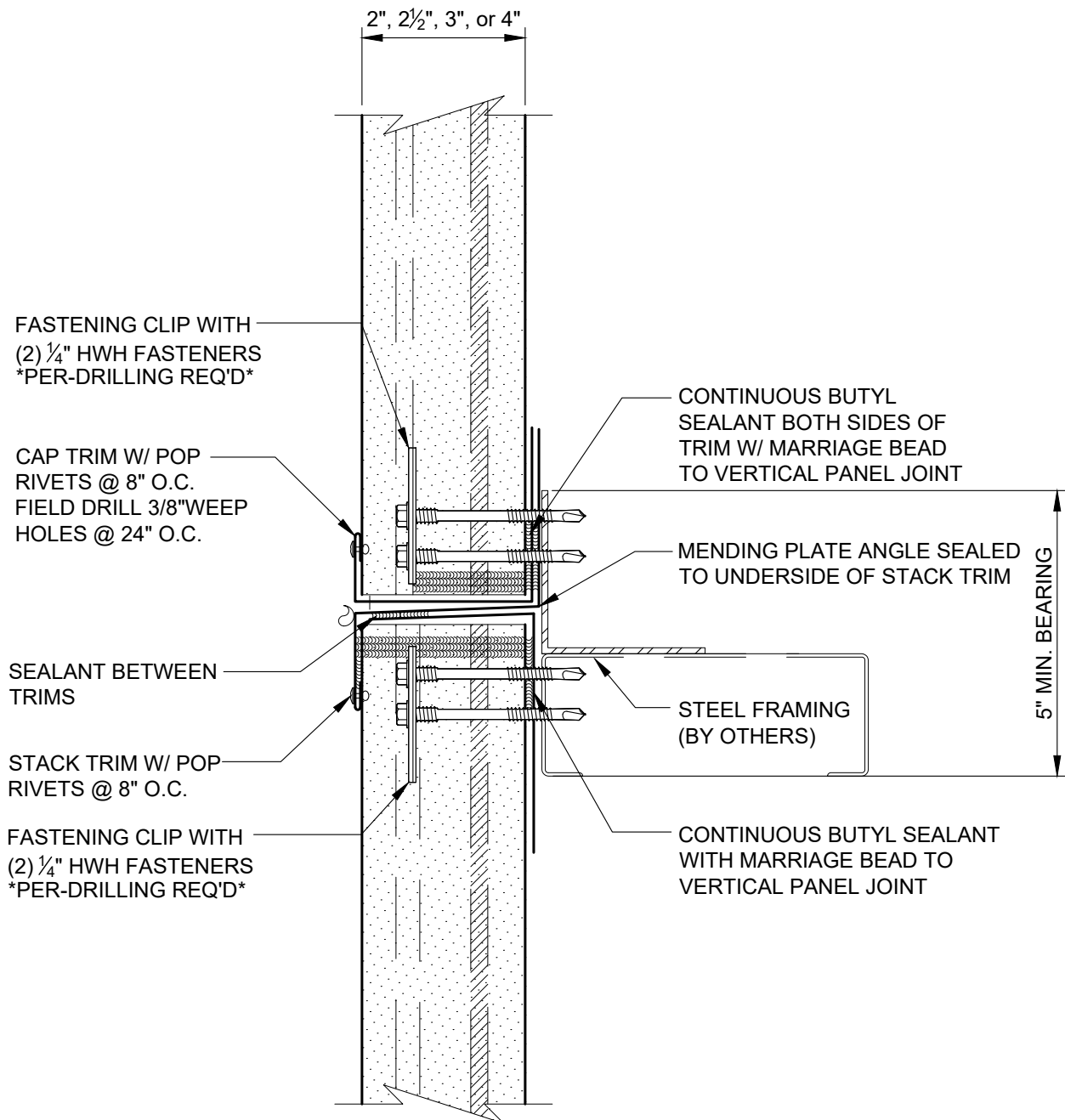
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REVISION	
REVISION #	DATE
5	12/5/23

STACK JOINT

DETAIL #: AR-SJ-01-DW2V

RELEASE: 2024

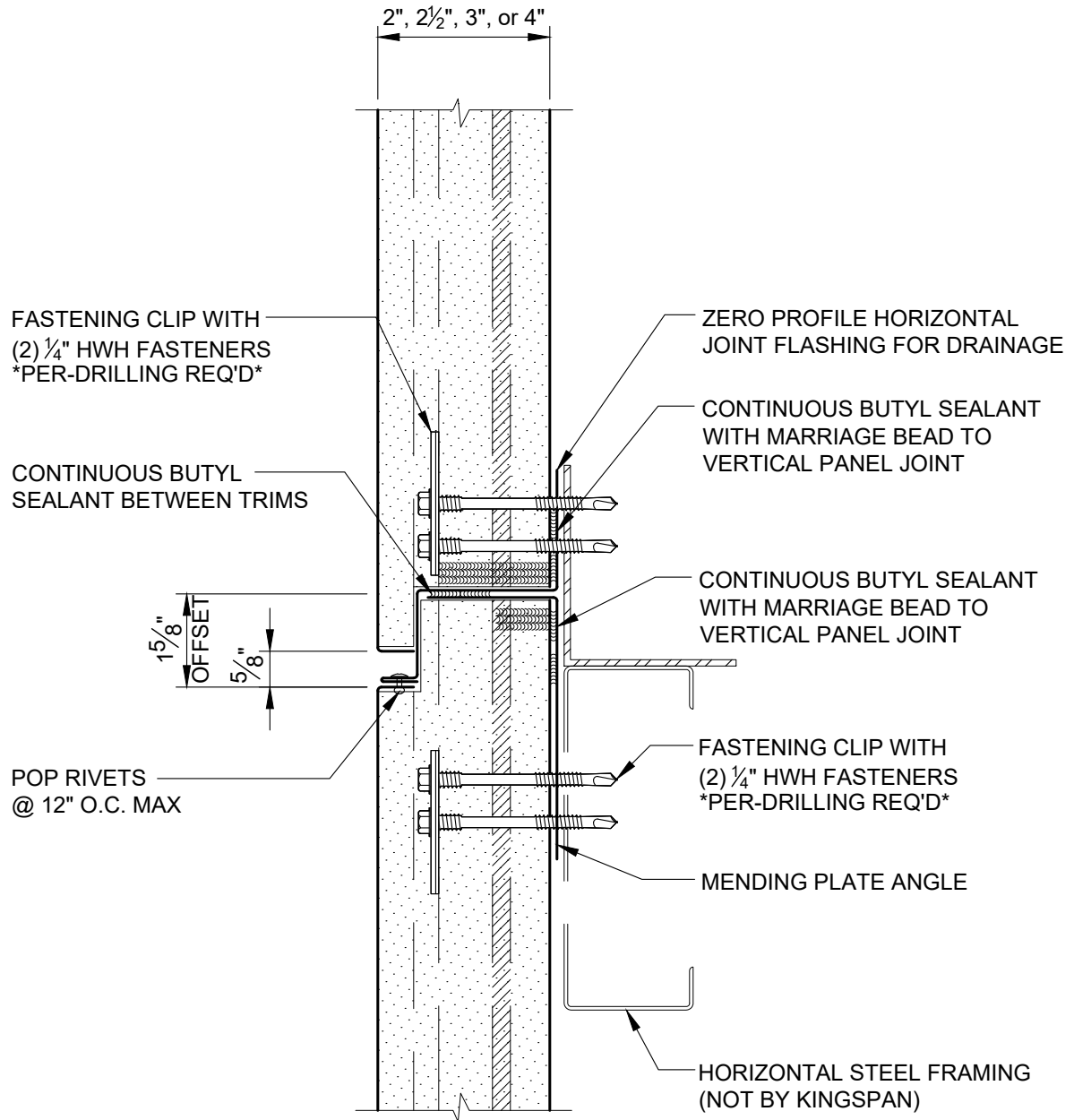
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REVISION	
REVISION #	DATE
5	12/5/23

OFFSET STACK
JOINT

DETAIL #: AR-SJ-02-DW2V

RELEASE: 2024

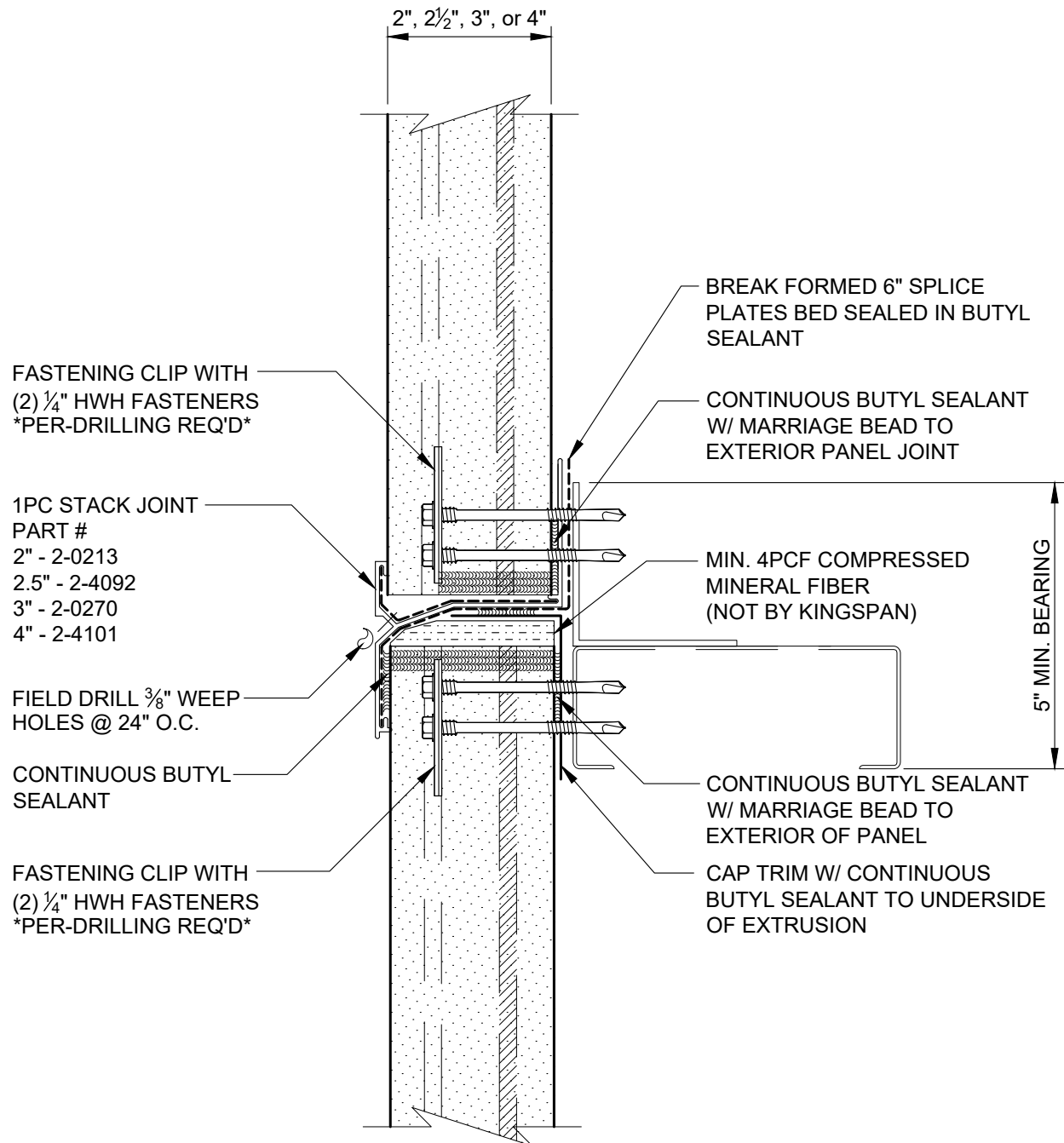
REGION: NORTH AMERICA

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DW-2000 - VERTICAL INSTALLATION



REVISION	
REVISION #	DATE
6	12/12/23

STACK JOINT
WITH EXTRUSION

DETAIL #: AR-SJ-03-DW2V

RELEASE: 2024

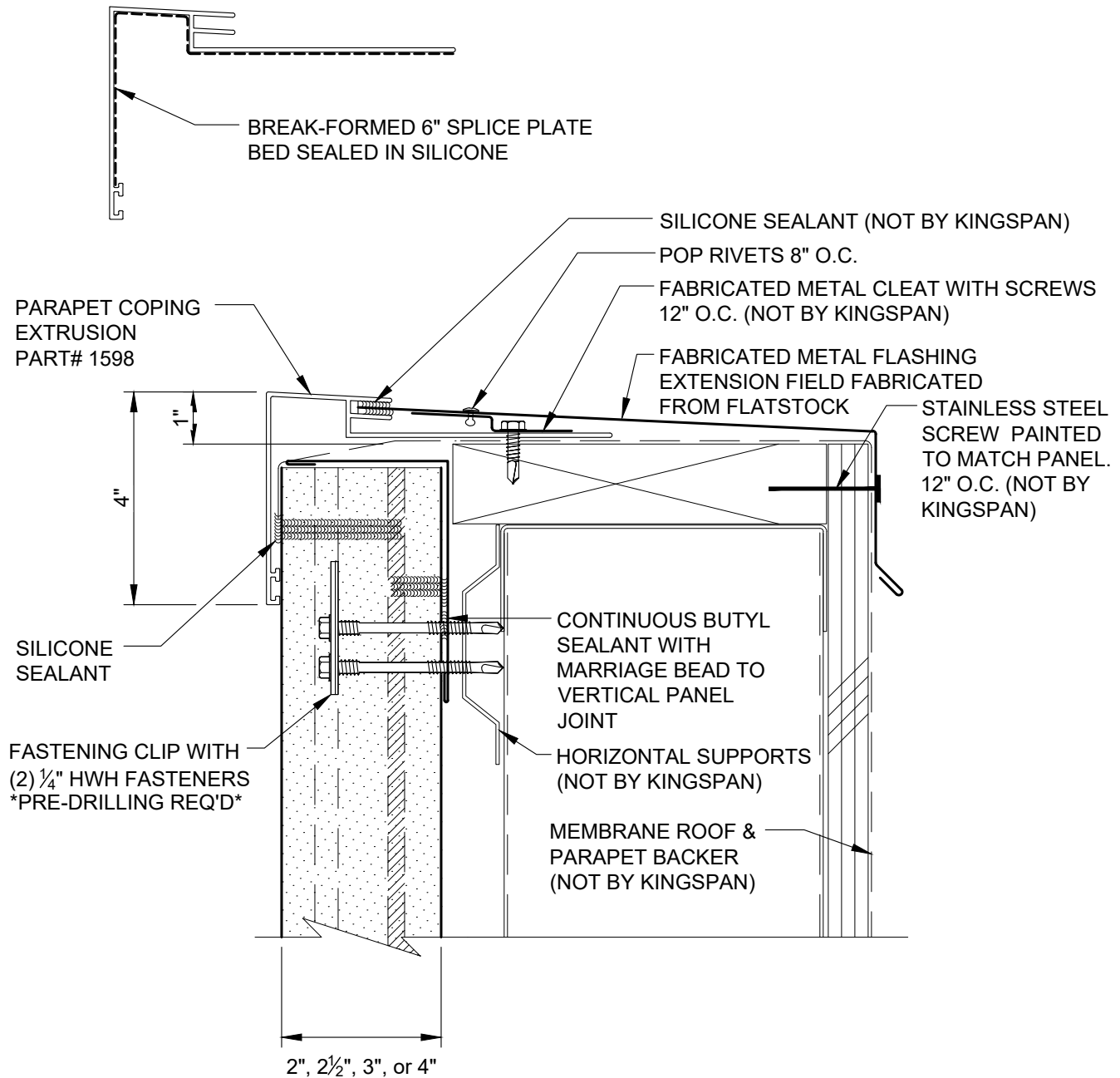
REGION: NORTH AMERICA

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DW-2000 - VERTICAL INSTALLATION



REVISION	
REVISION #	DATE
5	12/5/23

PARAPET W/
EXTRUSION

DETAIL #: AR-PR-01-DW2V

RELEASE: 2024

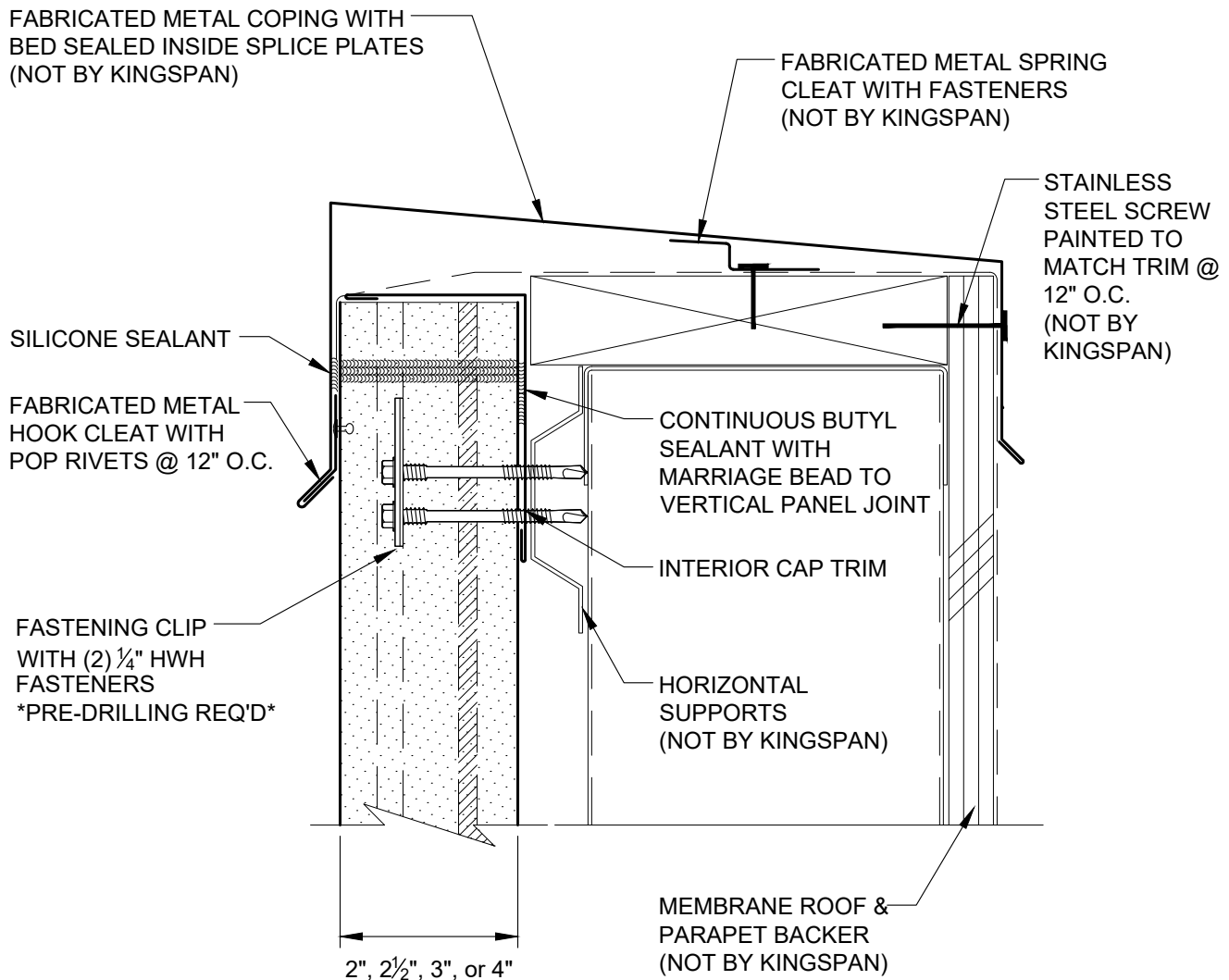
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DW-2000 - VERTICAL INSTALLATION



REVISION	
REVISION #	DATE
5	12/5/23

PARAPET W/
FLUSH TRIM

DETAIL #: AR-PR-02-DW2V

RELEASE: 2024

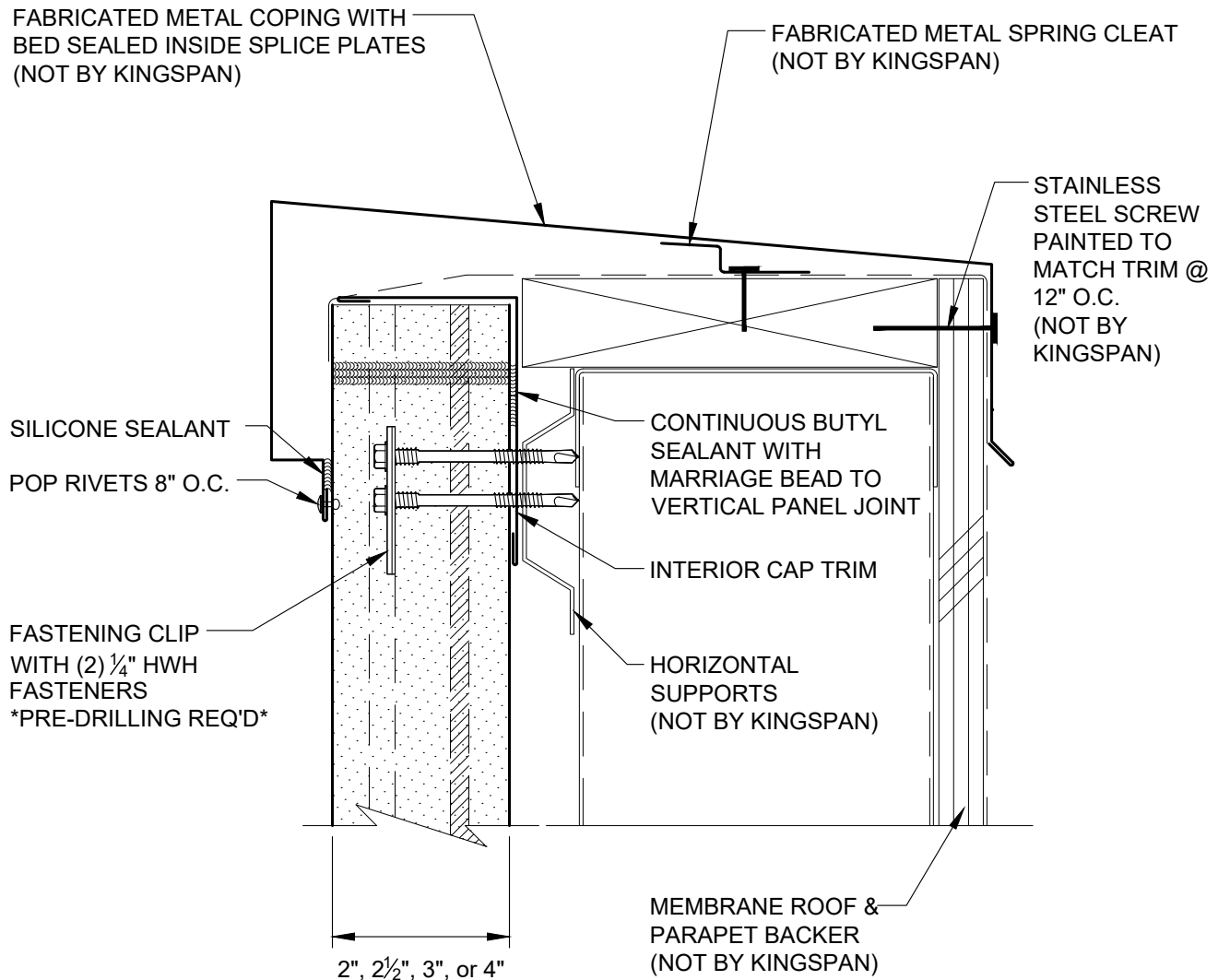
REGION: NORTH AMERICA

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DW-2000 - VERTICAL INSTALLATION



REVISION	
REVISION #	DATE
5	12/5/23

PARAPET W/
PROFILED TRIM

DETAIL #: AR-PR-03-DW2V

RELEASE: 2024

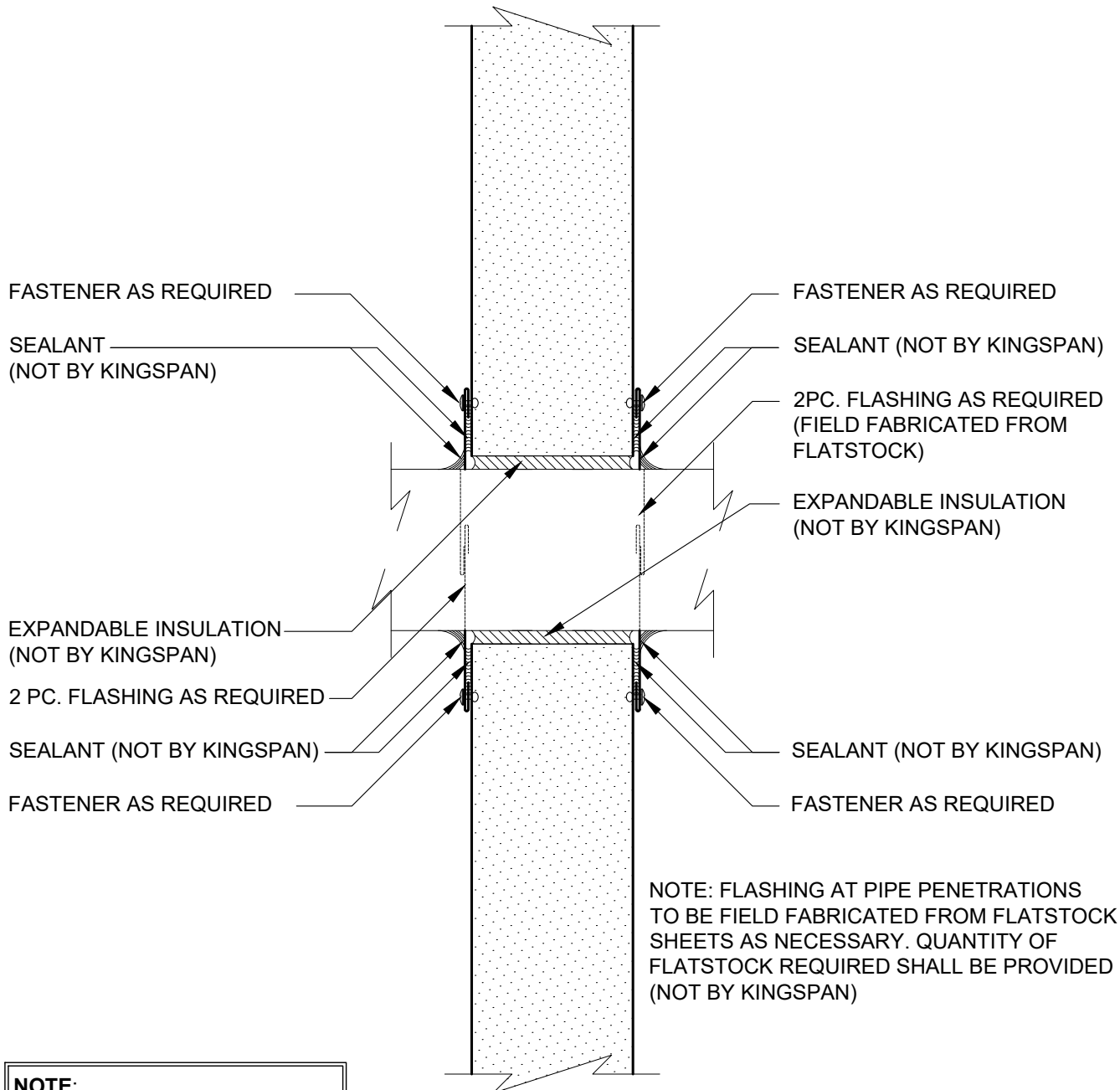
REGION: NORTH AMERICA

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DW-2000 - VERTICAL INSTALLATION



NOTE:
DO NOT ALIGN PENETRATIONS
AT PANEL JOINT.

REVISION	
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PIPE
PENETRATION

DETAIL #: AR-TL-01-DW2V

RELEASE: 2024

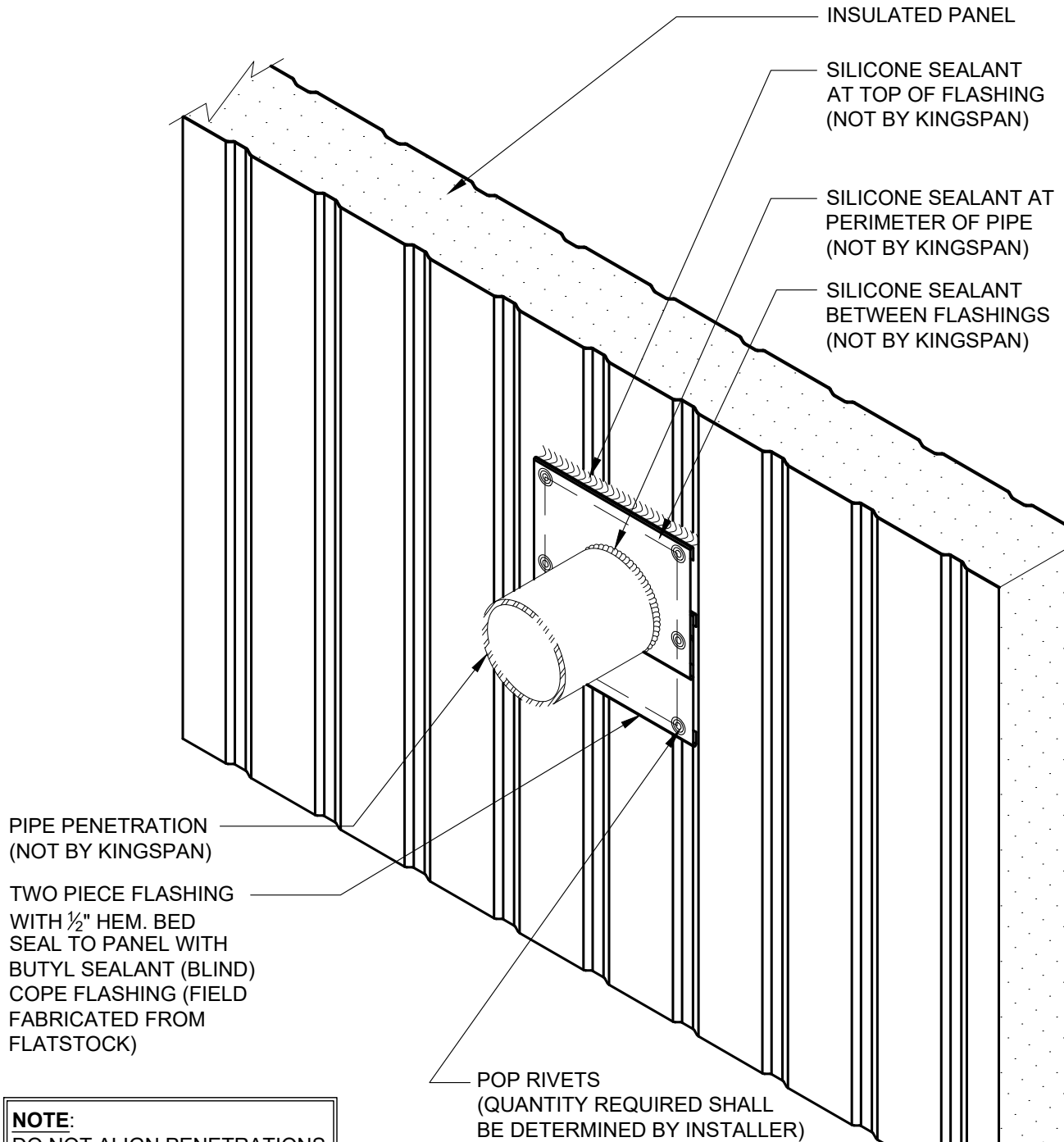
REGION: NORTH AMERICA

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DW-2000 - VERTICAL INSTALLATION



NOTE:
DO NOT ALIGN PENETRATIONS
AT PANEL JOINT.

NOTE:
THIS DETAIL ASSUMES
PENETRATION OCCURS
AFTER PANEL IS INSTALLED

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)

REVISION	
REVISION #	DATE
5	12/5/23

PIPE PENETRATION
ISOMETRIC

DETAIL #: AR-TL-02-DW2V

RELEASE: 2024

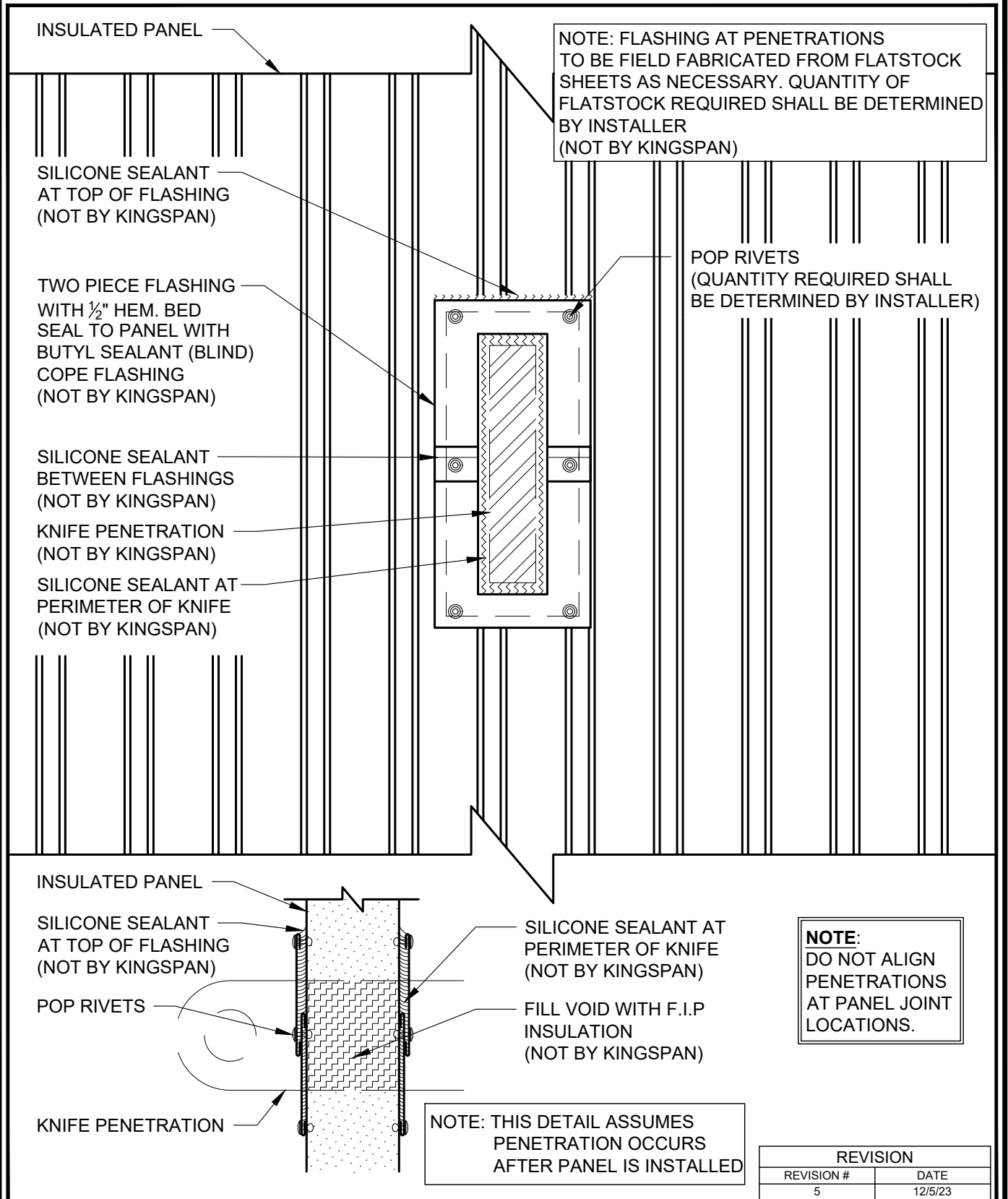
REGION: NORTH AMERICA

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DW-2000 - VERTICAL INSTALLATION



KNIFE PENETRATION

DETAIL #: AR-TL-03-DW2V

RELEASE: 2024

REGION: NORTH AMERICA

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DW-2000 - VERTICAL 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)

INSULATED PANEL

POP RIVETS
(QUANTITY REQUIRED
SHALL BE DETERMINED
BY INSTALLER)

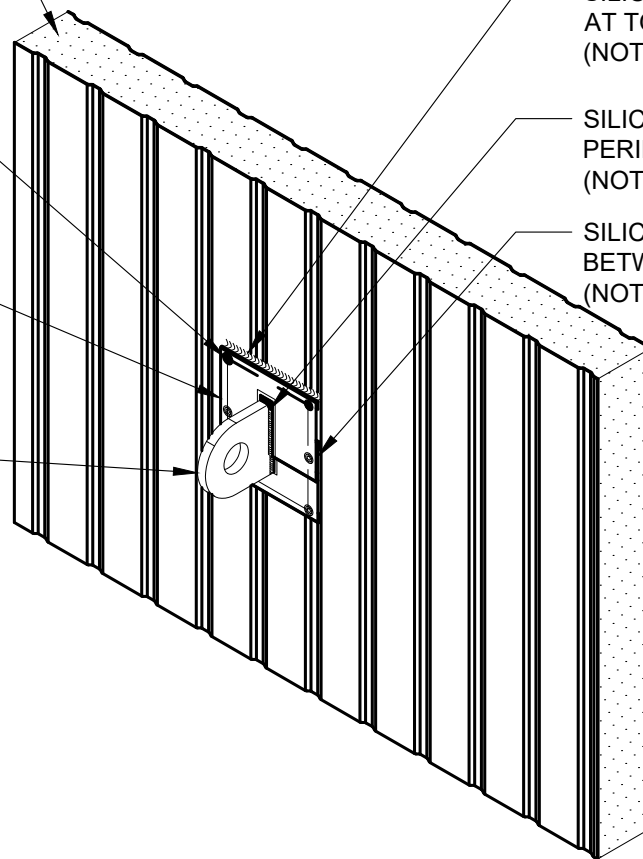
TWO PIECE FLASHING
WITH $\frac{1}{2}$ " HEM. BED
SEAL TO PANEL WITH
BUTYL SEALANT (BLIND)
COPE FLASHING
(NOT BY KINGSPAN)

KNIFE PENETRATION
(NOT BY KINGSPAN)

SILICONE SEALANT
AT TOP OF FLASHING
(NOT BY KINGSPAN)

SILICONE SEALANT AT
PERIMETER OF KNIFE
(NOT BY KINGSPAN)

SILICONE SEALANT
BETWEEN FLASHINGS
(NOT BY KINGSPAN)



NOTE: THIS DETAIL ASSUMES
PENETRATION OCCURS
AFTER PANEL IS INSTALLED

NOTE:
DO NOT ALIGN PENETRATIONS
AT PANEL JOINT.

REVISION

REVISION #	DATE
5	12/5/23

KNIFE PENETRATION
ISOMETRIC

DETAIL #: AR-TL-04-DW2V

RELEASE: 2024

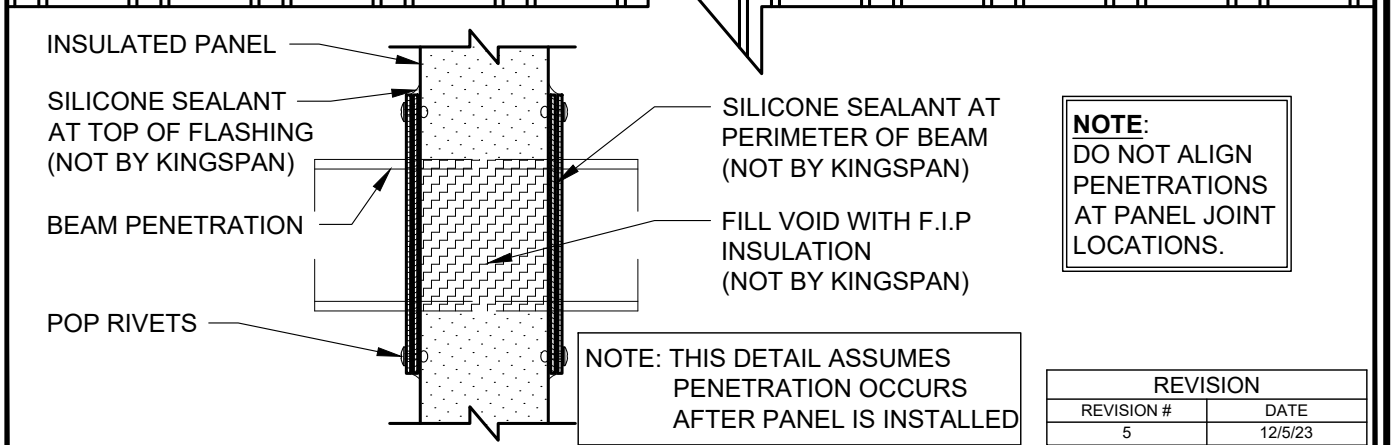
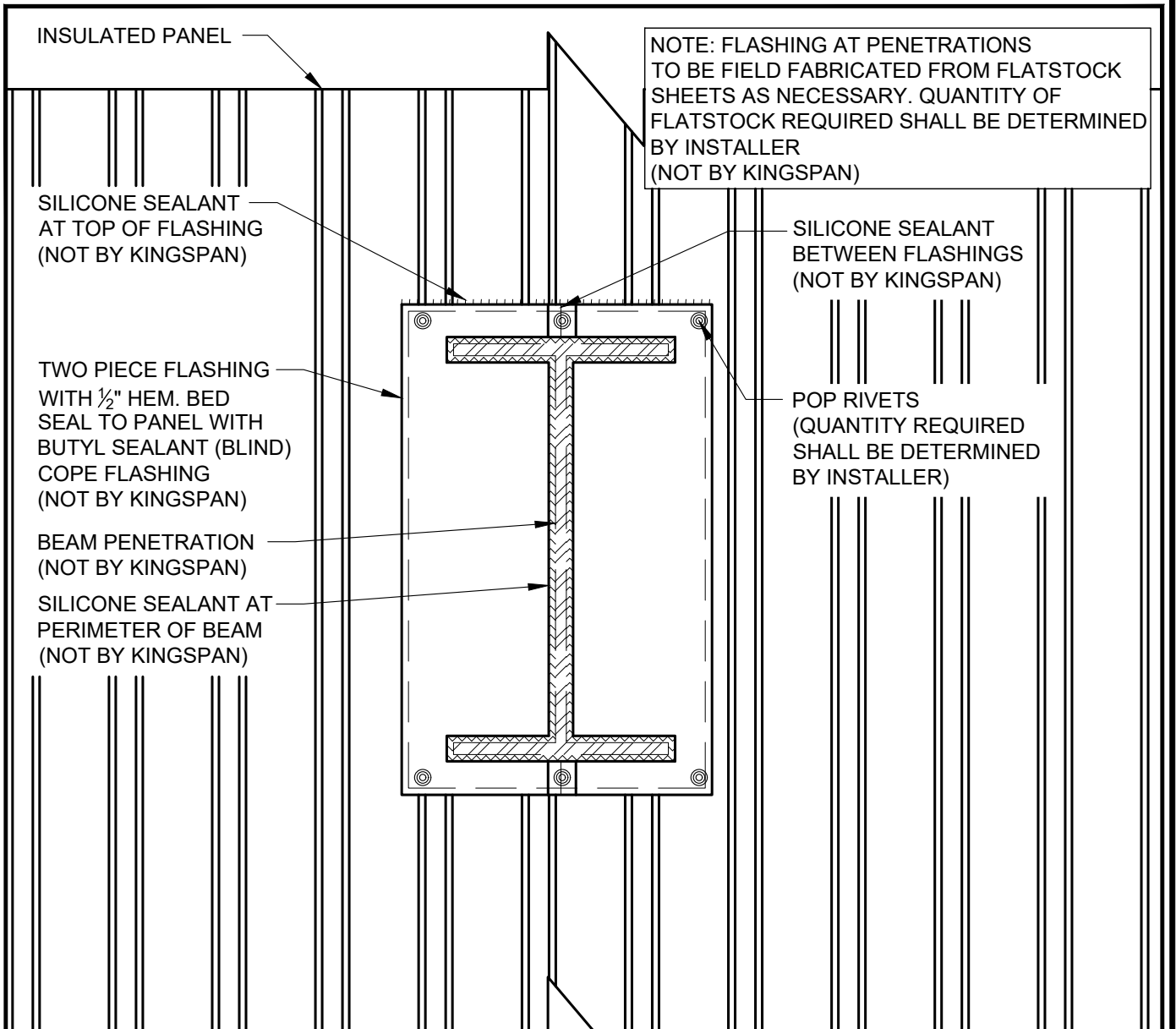
REGION: NORTH AMERICA

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REVISION	
REVISION #	DATE
5	12/5/23

BEAM
PENETRATION

DETAIL #: AR-TL-05-DW2V

RELEASE: 2024

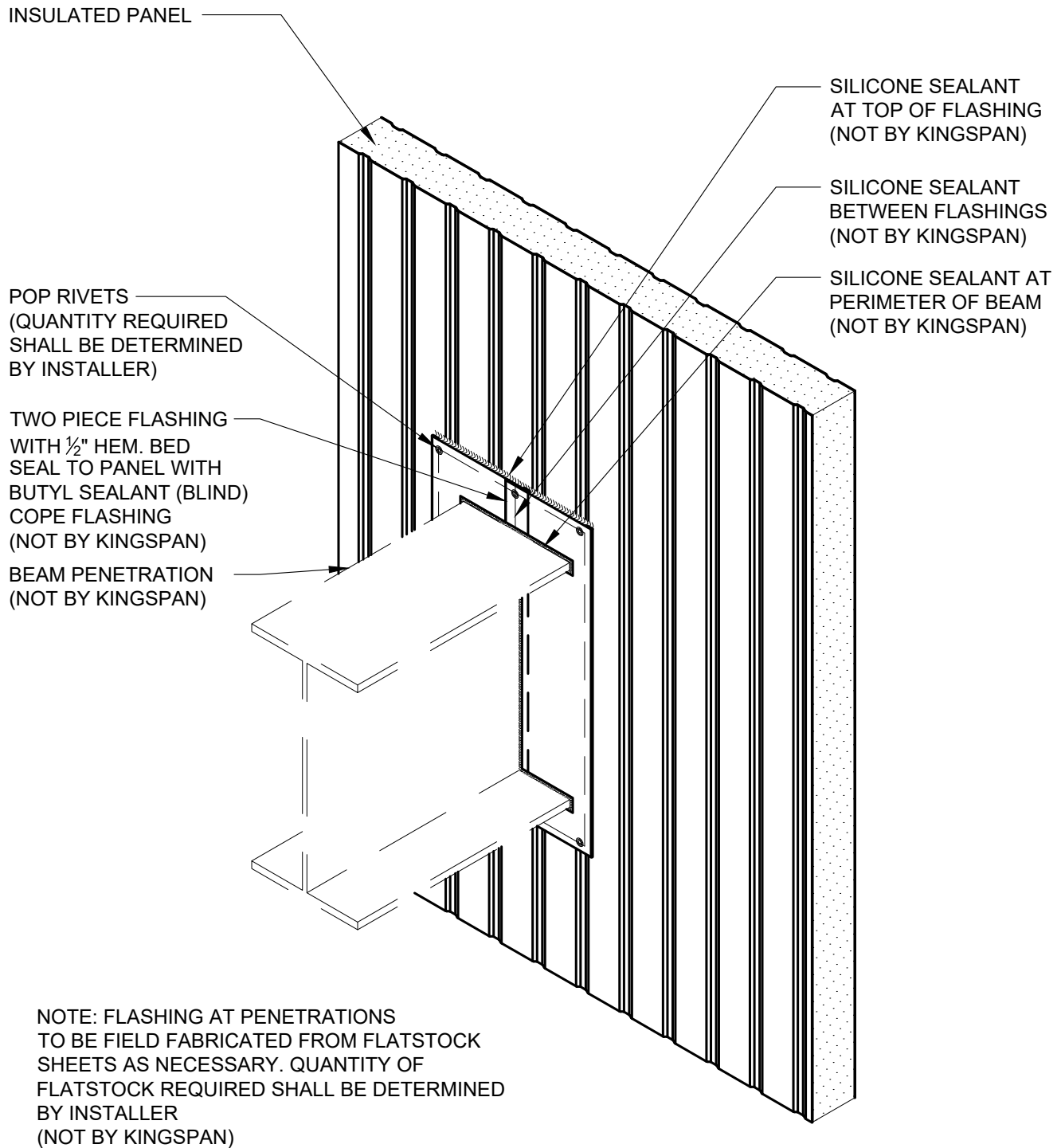
REGION: NORTH AMERICA

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DW-2000 - VERTICAL INSTALLATION



NOTE: THIS DETAIL ASSUMES PENETRATION OCCURS AFTER PANEL IS INSTALLED

NOTE:
DO NOT ALIGN PENETRATIONS AT PANEL JOINT.

REVISION	
REVISION #	DATE
5	12/5/23

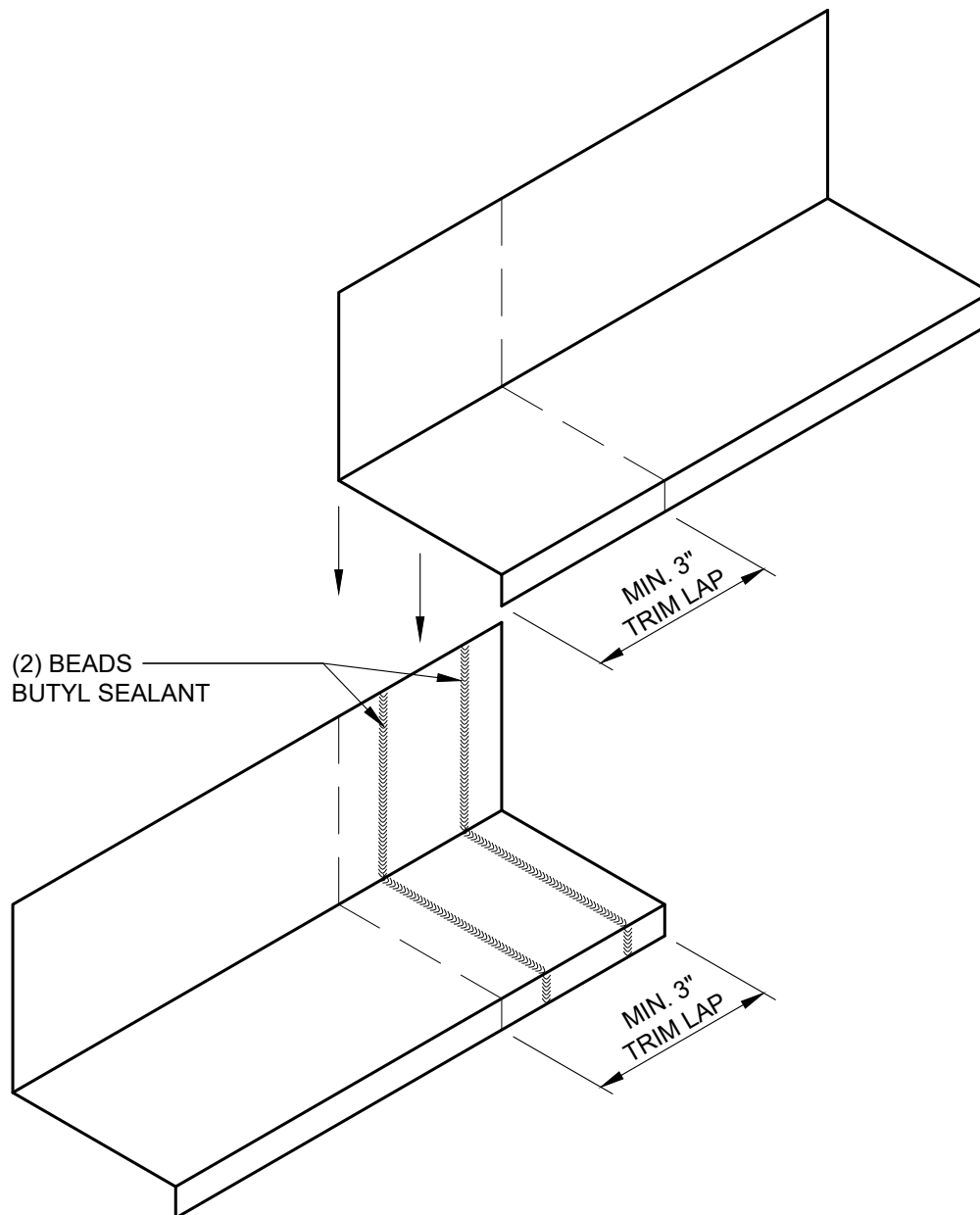
**BEAM
PENETRATION
ISOMETRIC**

DETAIL #: AR-TL-06-DW2V
RELEASE: 2024
REGION: NORTH AMERICA
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DW-2000 - VERTICAL INSTALLATION



REVISION	
REVISION #	DATE
5	12/5/23

TRIM END LAP

DETAIL #: AR-TL-07-DW2V

RELEASE: 2024

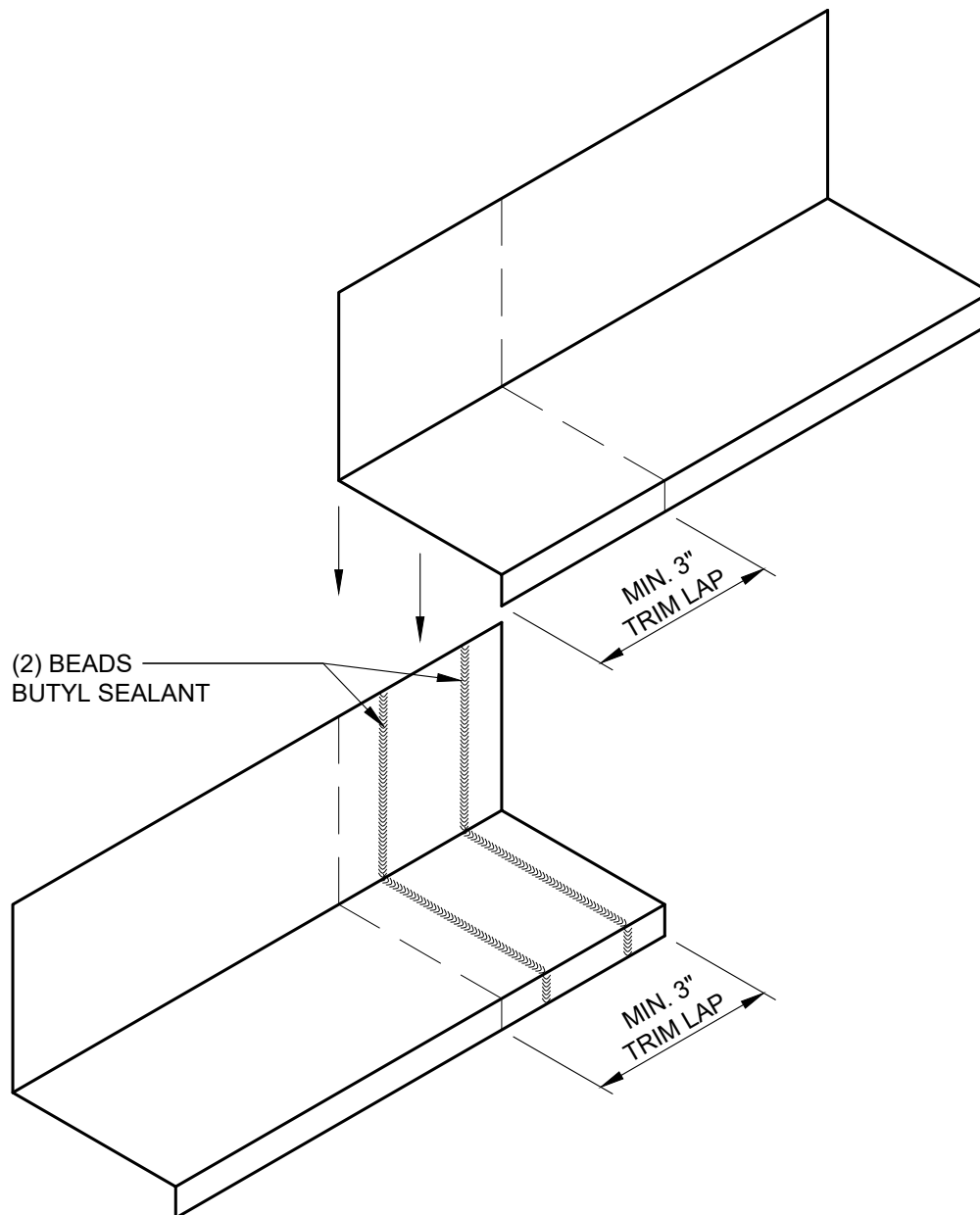
REGION: NORTH AMERICA

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DW-2000 - VERTICAL INSTALLATION



REVISION	
REVISION #	DATE
5	12/5/23

TRIM END LAP
W/ HEM

DETAIL #: AR-TL-08-DW2V

RELEASE: 2024

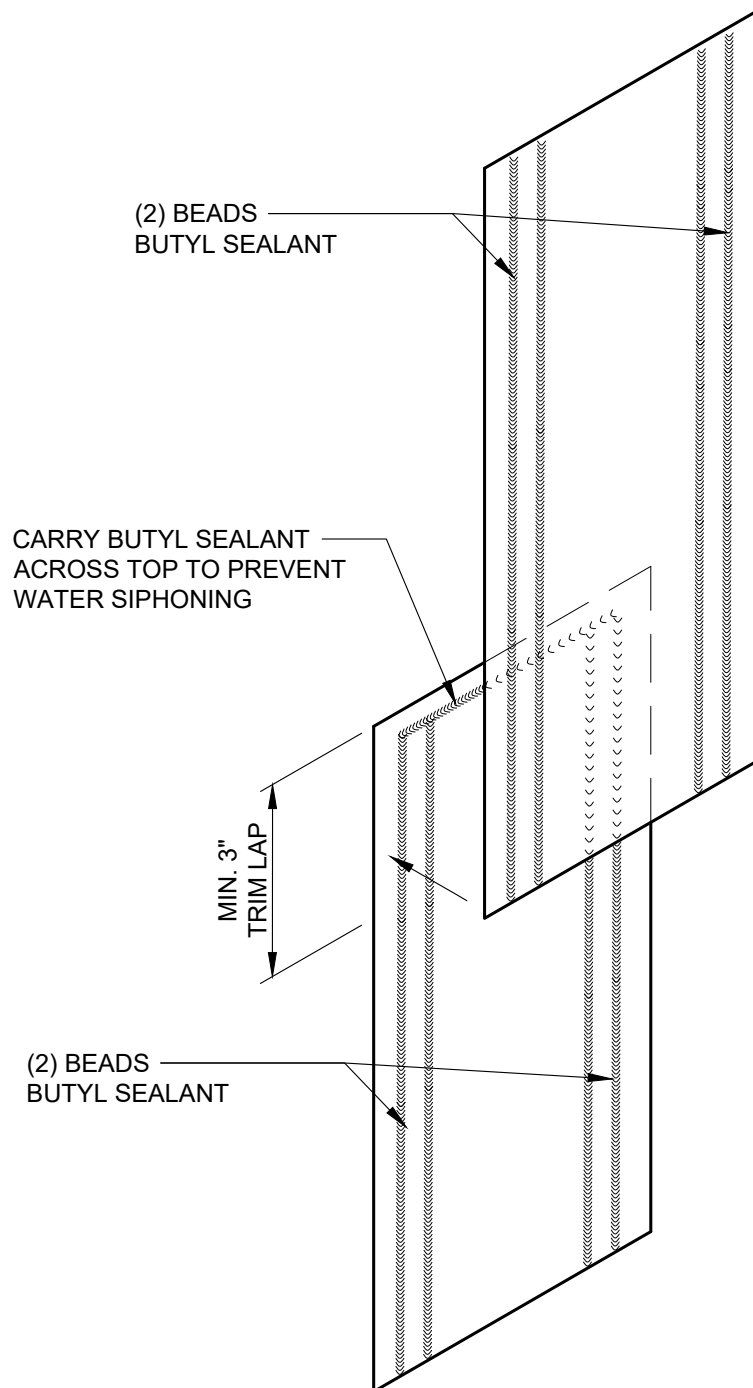
REGION: NORTH AMERICA

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DW-2000 - VERTICAL INSTALLATION



REVISION	
REVISION #	DATE
5	12/5/23

MENDING PLATE
W/ SHINGLE LAP

DETAIL #: AR-TL-09-DW2V

RELEASE: 2024

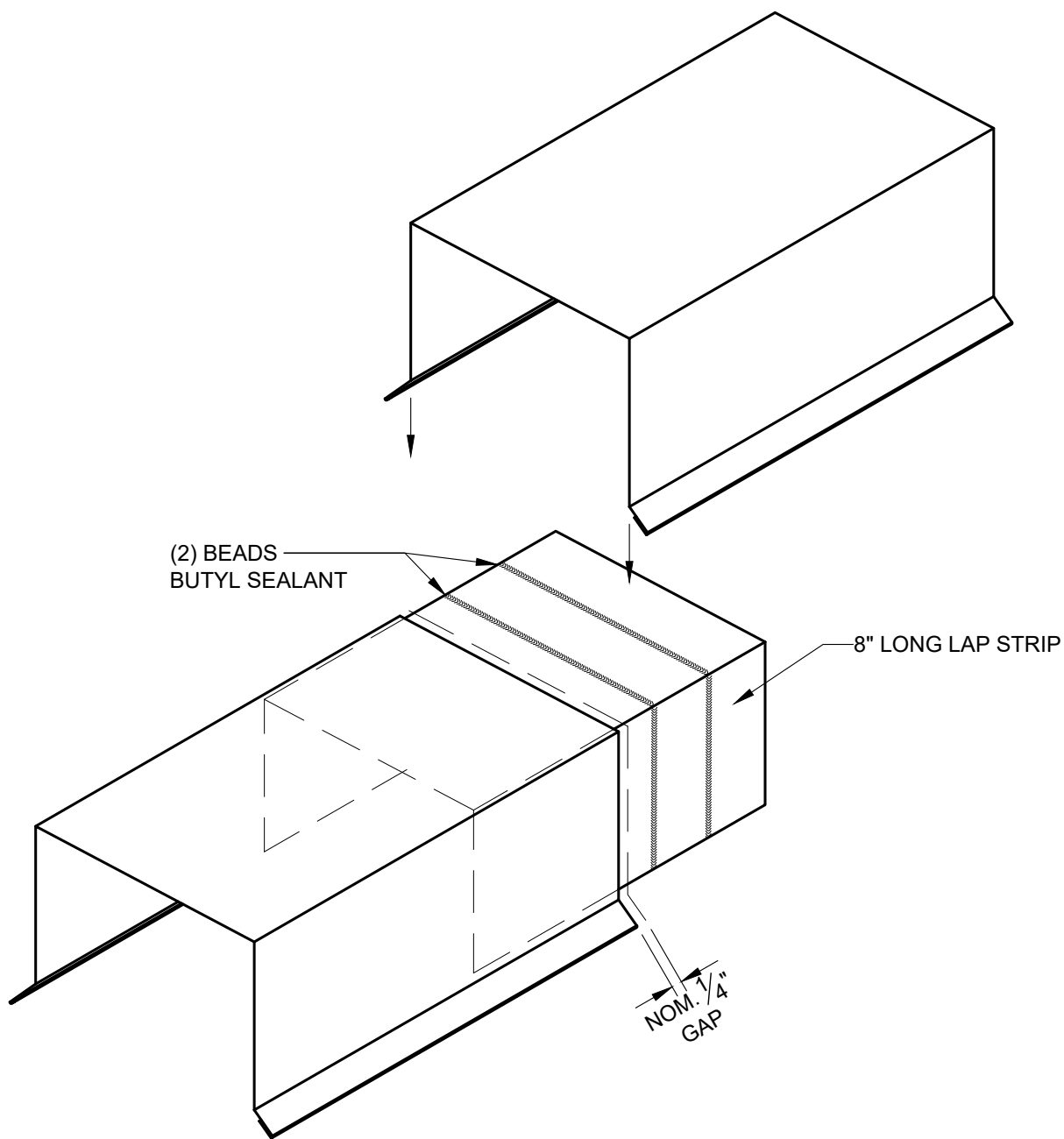
REGION: NORTH AMERICA

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DW-2000 - VERTICAL INSTALLATION



REVISION	
REVISION #	DATE
5	12/5/23

TRIM END LAP W/
LAP STRIP

DETAIL #: AR-TL-10-DW2V

RELEASE: 2024

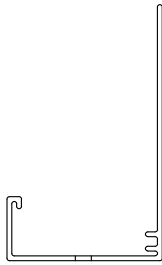
REGION: NORTH AMERICA

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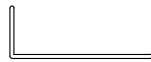


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DW-2000 - VERTICAL INSTALLATION

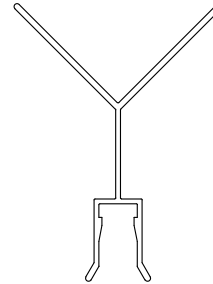


2" PANEL BASE
EXTRUSION
PART #0218

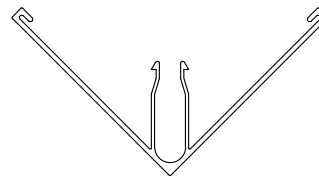
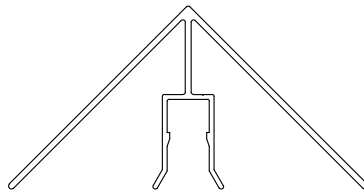


SPLICE PLATE
PART # 0283

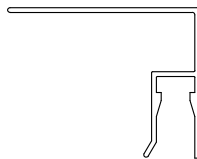
OUTSIDE CORNER
EXTRUSION RECEIVER
PART # (BM) 0234



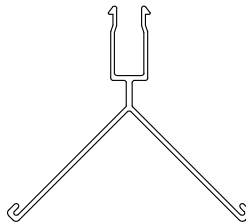
INSIDE CORNER
EXTRUSION FEMALE
PART # 0235



2" OUTSIDE CORNER
EXTRUSION CAP
PART # (BM) 0235



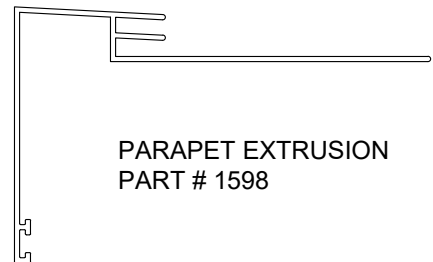
2" TWO-PIECE
ENDWALL/JAMB
EXTRUSION RECEIVER
PART # 0214



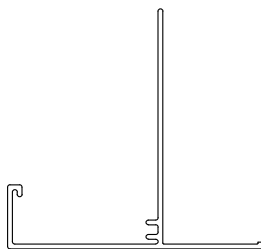
2" INSIDE CORNER
EXTRUSION MALE
PART # 0234



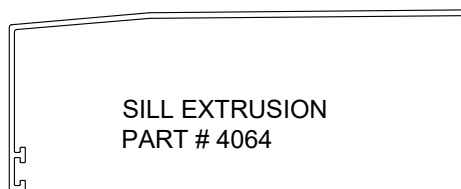
ENDWALL EXTRUSION CAP
PART # 0215



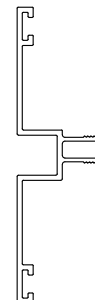
PARAPET EXTRUSION
PART # 1598



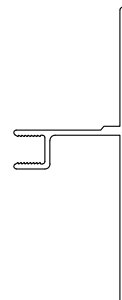
2" PANEL SOFFIT
EXTRUSION
PART # 0211



SILL EXTRUSION
PART # 4064



2-PC STACK JOINT -
MALE STACK JOINT
PART #4070



2" 2-PC STACK JOINT
FEMALE EXTRUSION
PART # 4065

REVISION	
REVISION #	DATE
3	9/1/23

2" EXTRUSIONS

DETAIL #: AR-TL-11-DW2V

RELEASE: 2024

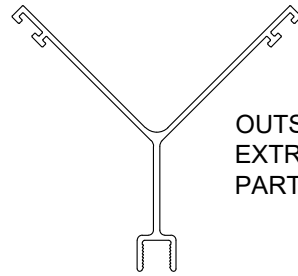
REGION: NORTH AMERICA

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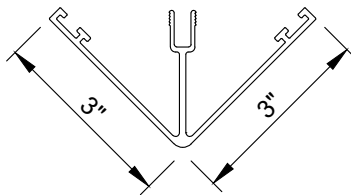


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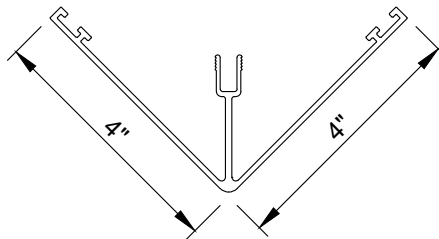
DW-2000 - VERTICAL INSTALLATION



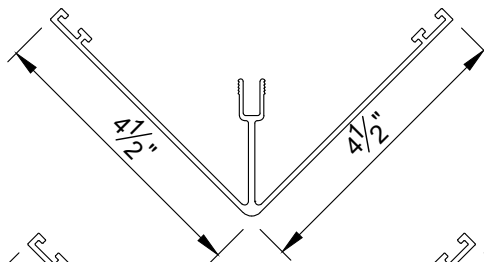
OUTSIDE CORNER
EXTRUSION FEMALE
PART # (KS) 3998



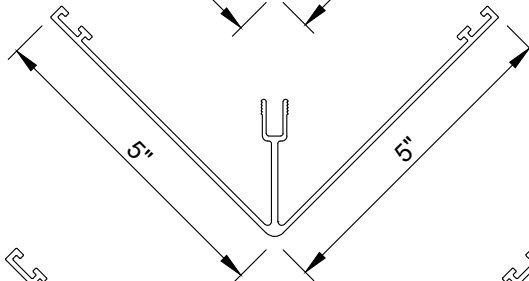
3"x3" OUTSIDE CORNER
EXTRUSION MALE
PART # (KS) 4083



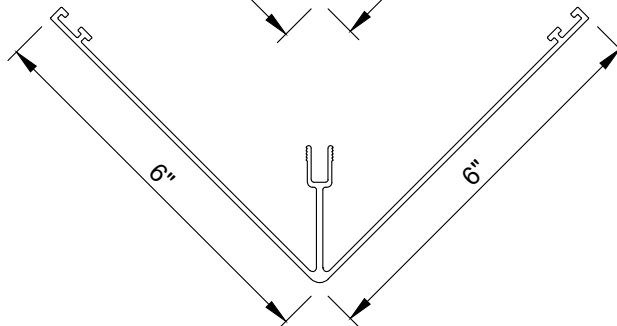
4"x4" OUTSIDE CORNER
EXTRUSION MALE
PART # (KS) 4042



4.5"x4.5" OUTSIDE CORNER
EXTRUSION MALE
PART # (KS) 4072



5"x5" OUTSIDE CORNER
EXTRUSION MALE
PART # (KS) 4043



6"x6" OUTSIDE CORNER
EXTRUSION MALE
PART # (KS) 4044

REVISION	
REVISION #	DATE
3	9/1/23

2" EXTRUSIONS

DETAIL #: AR-TL-12-DW2V

RELEASE: 2024

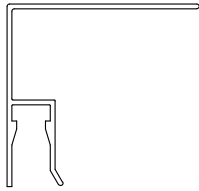
REGION: NORTH AMERICA

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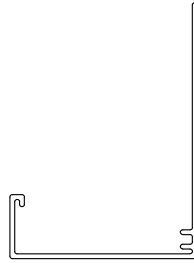


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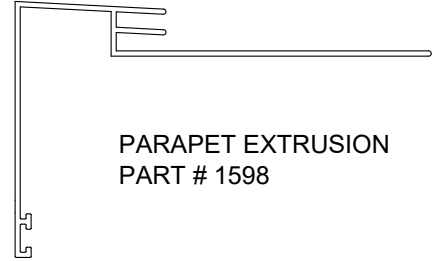
DW-2000 - VERTICAL INSTALLATION



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



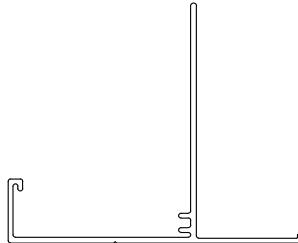
BASE EXTRUSION
PART # 4096



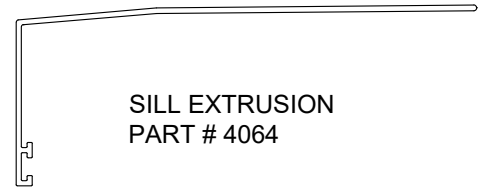
PARAPET EXTRUSION
PART # 1598



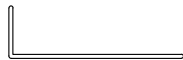
ENDWALL EXTRUSION
CAP
PART # 0215



2.5" PANEL SOFFIT
EXTRUSION PART # 4031

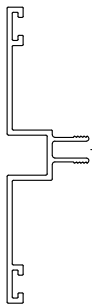


SILL EXTRUSION
PART # 4064

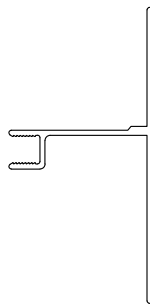


SPLICE PLATE
PART # 4030

INSIDE CORNER
EXTRUSION RECEIVER
PART # 0235

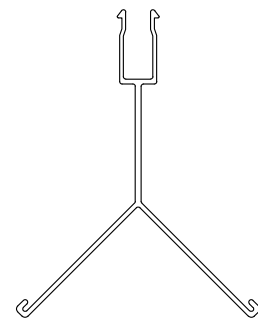
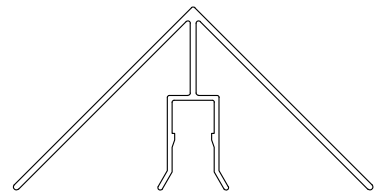
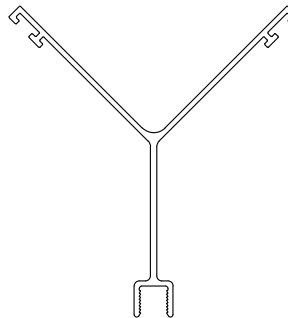


2-PC STACK JOINT -
MALE STACK JOINT
PART #4070



2" 2-PC STACK JOINT
FEMALE EXTRUSION
PART # 4066

2.5" OUTSIDE CORNER
EXTRUSION FEMALE
PART # 3999



2.5" INSIDE CORNER
EXTRUSION CAP
PART # 4093

REVISION	
REVISION #	DATE
3	9/1/23

SEE OUTSIDE CORNER
EXTRUSION CAPS FOR
AVAILABLE SIZES

2 1/2" EXTRUSIONS

DETAIL #: AR-TL-13-DW2V

RELEASE: 2024

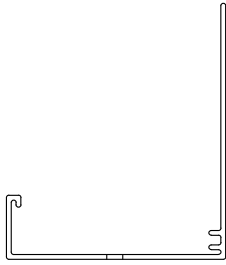
REGION: NORTH AMERICA

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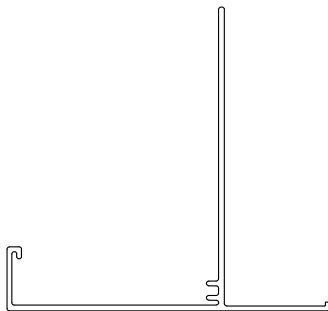
DW-2000 - VERTICAL INSTALLATION



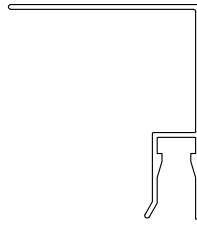
3" PANEL BASE
EXTRUSION
PART # 0227



SPLICE PLATE
PART # 3997



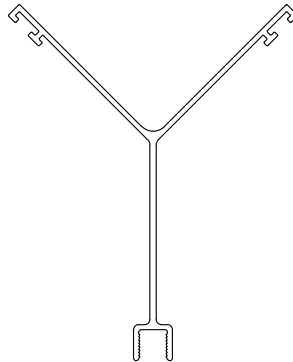
3" PANEL SOFFIT
EXTRUSION
PART # 0292



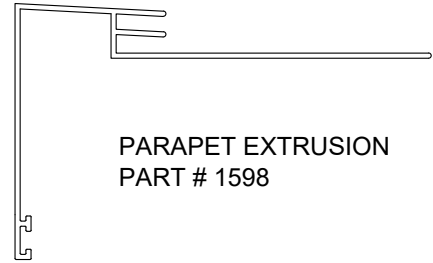
3" TWO PIECE
ENDWALL/JAMB
EXTRUSION RECEIVER
PART # 0269



ENDWALL EXTRUSION
CAP
PART # 0215



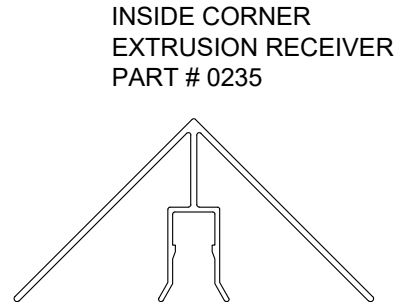
3" OUTSIDE CORNER
EXTRUSION FEMALE
PART # 4000



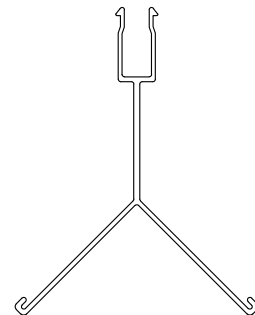
PARAPET EXTRUSION
PART # 1598



SILL EXTRUSION
PART # 4064



INSIDE CORNER
EXTRUSION RECEIVER
PART # 0235



3" INSIDE CORNER
EXTRUSION CAP
PART # 0296

REVISION	
REVISION #	DATE
3	9/1/23

3" EXTRUSIONS

DETAIL #: AR-TL-14-DW2V

RELEASE: 2024

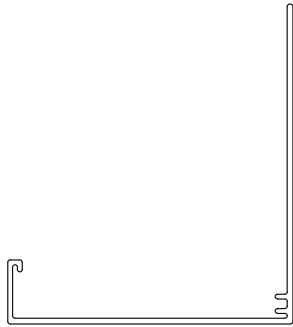
REGION: NORTH AMERICA

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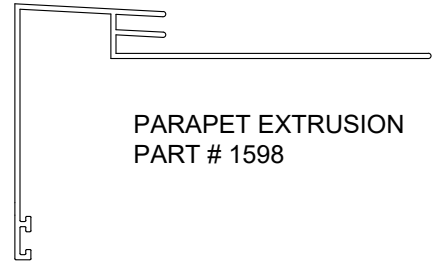
DW-2000 - VERTICAL INSTALLATION



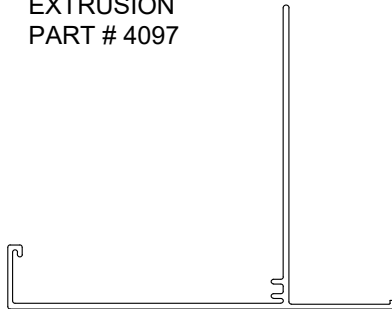
4" PANEL BASE
EXTRUSION
PART # 4097



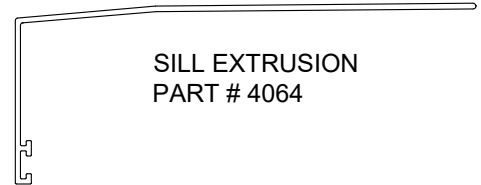
SPLICE PLATE
PART # 4099



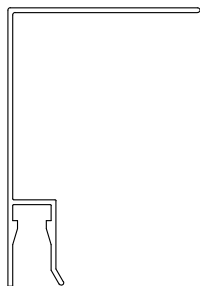
PARAPET EXTRUSION
PART # 1598



4" PANEL SOFFIT
EXTRUSION
PART # 4098



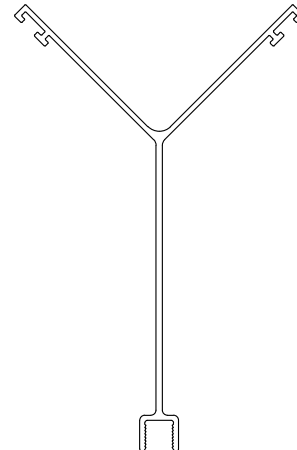
SILL EXTRUSION
PART # 4064



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



ENDWALL EXTRUSION
CAP
PART # 0215



4" OUTSIDE CORNER
EXTRUSION FEMALE
PART # 4001

REVISION	
REVISION #	DATE
3	9/1/23

4" EXTRUSIONS

DETAIL #: AR-TL-15-DW2V

RELEASE: 2024

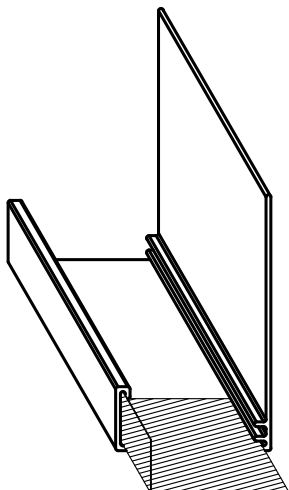
REGION: NORTH AMERICA

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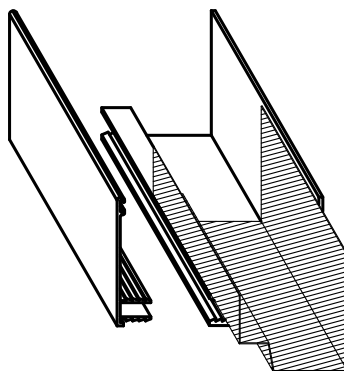


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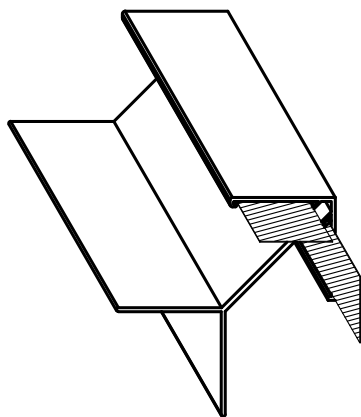
DW-2000 - VERTICAL INSTALLATION



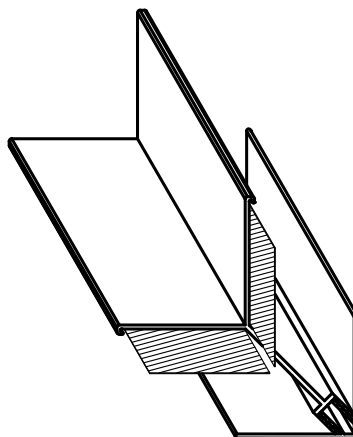
LAP STRIP FOR BASE EXTRUSION



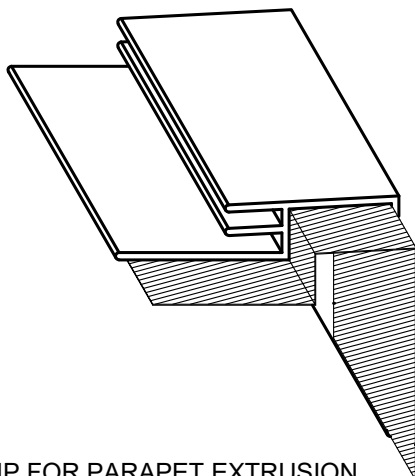
LAP STRIP FOR TWO PIECE
JAMB EXTRUSION



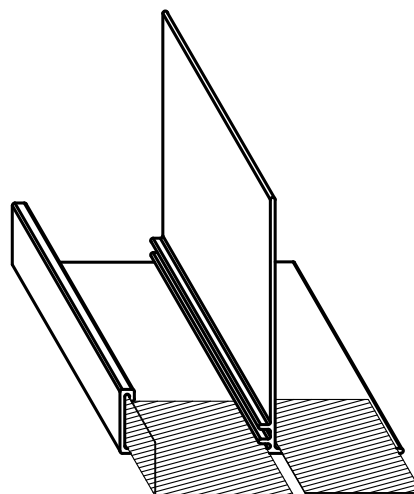
LAP STRIPS FOR OUTSIDE CORNER
EXTRUSION



LAP STRIPS FOR INSIDE CORNER
EXTRUSION



LAP STRIP FOR PARAPET EXTRUSION



LAP STRIP FOR SOFFIT EXTRUSION

EXTRUSION
LAP STRIPS

DETAIL #: AR-TL-16-DW2V

RELEASE: 2024

REGION: NORTH AMERICA

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