

DW 2000R - HORIZONTAL INSTALLATION

CLICK TO VIEW



REVISION

1	10/27/23
2	9/18/26

AR-DS-01-DW2RH	ARCHITECTURAL DISCLAIMER
AR-PP-01-DW2RH	PANEL PROFILE
AR-PP-02-DW2RH	PANEL PROFILE
AR-PJ-01-DW2RH	PANEL JOINT
AR-PJ-02-DW2RH	PANEL JOINT - ISOMETRIC
AR-PJ-03-DW2RH	DW2000R "459" PROFILE 12" PANEL
AR-PJ-04-DW2RH	DW2000R "459" PROFILE 24" PANEL
AR-PJ-05-DW2RH	"459" PROFILE - ISOMETRIC
AR-PJ-06-DW2RH	DW2000-H - DW2000R-H INTEGRATION
AR-PJ-07-DW2RH	DW2000R-H - DW2000-H INTEGRATION
AR-PJ-08-DW2RH	DW4000-H TO DW2000R-H INTEGRATION
AR-PJ-09-DW2RH	DW2000R-H TO DW4000-H INTEGRATION
AR-PJ-10-DW2RH	VERTICAL JOINT W/ GASKET
AR-PJ-11-DW2RH	VERTICAL JOINT W/ TRIM
AR-PJ-12-DW2RH	VERTICAL JOINT W/ BLOCKSPLINE
AR-PJ-13-DW2RH	RIBBED METAL CLOSURE
AR-PJ-14-DW2RH	RIBBED METAL CLOSURE - INSTALLATION
AR-PJ-15-DW2RH	RIBBED METAL CLOSURE - INSTALLATION
AR-BS-01-DW2RH	BASE DETAIL - FLUSH W/ EXTRUSION
AR-BS-02-DW2RH	BASE DETAIL - FLUSH W/ TRIM
AR-BS-03-DW2RH	BASE DETAIL - FLUSH W/ CONCEALED BASE EXTRUSION
AR-BS-04-DW2RH	BASE DETAIL - OVERHANG W/ EXTRUSION
AR-BS-05-DW2RH	BASE DETAIL - OVERHANG W/ TRIM
AR-BS-06-DW2RH	BASE DETAIL - FLUSH W/ CONCEALED BASE EXTRUSION
AR-BS-07-DW2RH	BASE DETAIL - FLUSH W/ EXTRUSION ISOMETRIC

INDEX SHEET

DETAIL #: AR-XX-XX-DW2RH

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AR-BS-08-DW2RH	BASE DETAIL - FLUSH W/ TRIM ISOMETRIC
AR-BS-09-DW2RH	BASE DETAIL - FLUSH W/ CONCEALED BASE EXTRUSION - ISOMETRIC
AR-BS-10-DW2RH	BASE DETAIL - OVERHANG W/ EXTRUSION ISOMETRIC
AR-BS-11-DW2RH	BASE DETAIL - OVERHANG W/ TRIM ISOMETRIC
AR-BS-12-DW2RH	BASE DETAIL - OVERHANG W/ CONCEALED BASE EXTRUSION - ISOMETRIC
AR-OC-01-DW2RH	OUTSIDE CORNER - TRANSVERSE BEND
AR-OC-02-DW2RH	OUTSIDE CORNER W/ EXTRUSION
AR-OC-03-DW2RH	OUTSIDE CORNER W/ KS EXTRUSION
AR-IC-01-DW2RH	INSIDE CORNER W/ EXTRUSION
AR-IC-02-DW2RH	INSIDE CORNER W/ KS EXTRUSION
AR-FO-01-DW2RH	F.O. HEAD W/ EXTRUSION
AR-FO-02-DW2RH	F.O. JAMB W/ EXTRUSION
AR-FO-03-DW2RH	F.O. SILL W/ EXTRUSION
AR-FO-04-DW2RH	F.O. LAP W/ EXTRUSION
AR-FO-05-DW2RH	F.O. LAP EXTRUSION INTERSECTION
AR-FO-06-DW2RH	F.O. HEAD W/ TRIM
AR-FO-07-DW2RH	F.O. JAMB W/ TRIM
AR-FO-08-DW2RH	F.O. SILL W/ TRIM
AR-FO-09-DW2RH	F.O. LAP W/ TRIM
AR-FO-10-DW2RH	F.O. HEAD W/ CONCEALED BASE EXTRUSION
AR-FO-11-DW2RH	F.O. HEAD W/ BLOCKSPLINE
AR-FO-12-DW2RH	F.O. JAMB W/ BLOCKSPLINE

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AR-FO-13-DW2RH	HEAD DETAIL - WINDOW / LOUVER OPENING
AR-FO-14-DW2RH	JAMB DETAIL - WINDOW / LOUVER OPENING
AR-FO-15-DW2RH	SILL DETAIL - WINDOW / LOUVER OPENING W/ SILL SNAP CAP
AR-FO-16-DW2RH	SILL DETAIL - WINDOW / LOUVER OPENING W/ EXTENDED SNAP CAP
AR-FO-17-DW2RH	HEAD DETAIL - WINDOW / LOUVER OPENING W/ REMOVABLE CAP
AR-FO-18-DW2RH	JAMB DETAIL - WINDOW / LOUVER OPENING W/ REMOVABLE CAP
AR-FO-19-DW2RH	SILL DETAIL - WINDOW / LOUVER OPENING W/ SILL SNAP CAP W/ REMOVABLE CAP
AR-FO-20-DW2RH	SILL DETAIL - WINDOW / LOUVER OPENING W/ EXTENDED SNAP CAP W/ REMOVABLE CAP
AR-SF-01-DW2RH	SOFFIT DETAIL W/ EXTRUSION
AR-SF-02-DW2RH	SOFFIT DETAIL W/ CONCEALED SOFFIT EXTRUSION
AR-SF-03-DW2RH	SOFFIT DETAIL W/ FIELD CUT CONCEALED SOFFIT EXTRUSION
AR-PR-01-DW2RH	PARAPET DETAIL W/ EXTRUSION
AR-PR-02-DW2RH	PARAPET DETAIL W/ PROFILED EXTRUSION
AR-PR-03-DW2RH	PARAPET DETAIL W/ TRIM AT PANEL JOINT
AR-PR-04-DW2RH	PARAPET DETAIL W/ TRIM AT CUT PANEL
AR-SJ-01-DW2RH	STAGGERED PANEL JOINT
AR-SJ-02-DW2RH	STAGGERED PANEL JOINT

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AR-PN-01-DW2RH	BEAM PENETRATION
AR-PN-02-DW2RH	BEAM PENETRATION - ISOMETRIC
AR-PN-03-DW2RH	PIPE PENETRATION
AR-PN-04-DW2RH	PIPE PENETRATION - ISOMETRIC
AR-PN-05-DW2RH	STRUCTURAL MEMBER PENETRATION
AR-EX-01-DW2RH	ACCESSORIES
AR-EX-02-DW2RH	2 1/2" EXTRUSIONS
AR-EX-03-DW2RH	3" EXTRUSIONS
AR-EX-04-DW2RH	4" EXTRUSIONS
AR-EX-05-DW2RH	CORNER EXTRUSIONS
AR-EX-06-DW2RH	CORNER KS EXTRUSIONS
AR-EX-07-DW2RH	WINDOW / LOUVER - EXTRUSIONS
AR-TL-01-DW2RH	TRIM LAP - EXTRUSION SPLICE PLATES
AR-TL-02-DW2RH	TRIM LAP - EXTRUSION SPLICE PLATES
AR-TL-03-DW2RH	TRIM LAP - HORIZONTAL END LAPS
AR-TL-04-DW2RH	TRIM LAP - VERTICAL END LAPS
AR-TL-05-DW2RH	TRIM LAP - PARAPET TRIM

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DW 2000R - HORIZONTAL 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).

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

DETAIL #: AR-DS-01-DW2RH

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DW 2000R - HORIZONTAL INSTALLATION

CORE DEPTHS:
2.5", 3", 4"

MODULE WIDTH:
QUADCORE: 12", 16", 20", 24"

LENGTHS:
MINIMUM: 8'-0"
(NON-FM: 2'-0")
MAXIMUM: 24'-0"

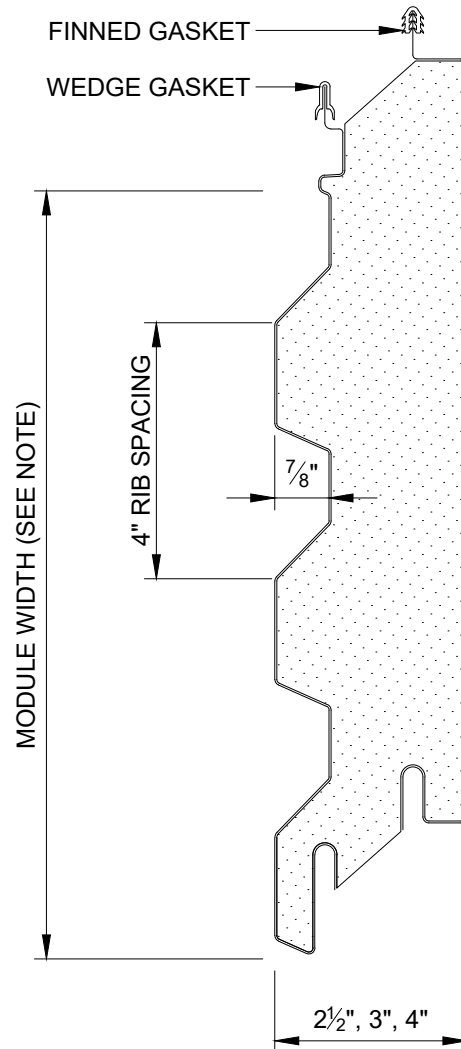
REFER TO NFPA 285
COMPLIANCE TABLE
(BELOW) FOR
SHEATHING
REQUIREMENTS

PANEL ORIENTATION:
HORIZONTAL

OPTIONAL REVEALS:
N/A

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

STEEL GAUGES:
EXTERIOR: 22
INTERIOR: 24, 22



NFPA 285 COMPLIANCE TABLE

PANEL TYPE	CORE	LEAST PANEL WIDTH	THERMAL BARRIER (WALL)	THERMAL BARRIER (HEAD /JAMB/BUTT JOINT)
DESIGNWALL 2000R (HORIZONTAL)	QUADCORE B	< 24"	THERMAL BARRIER REQUIRED	THERMAL BARRIER REQUIRED
DESIGNWALL 2000R (HORIZONTAL)	QUADCORE B	= 24"	NO THERMAL BARRIER REQUIRED	NO THERMAL BARRIER REQUIRED
DESIGNWALL 2000R BLOCKSPINE	QUADCORE B	= 24"	NO THERMAL BARRIER REQUIRED	THERMAL BARRIER REQUIRED

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PANEL PROFILE

DETAIL #: AR-PP-01-DW2RH

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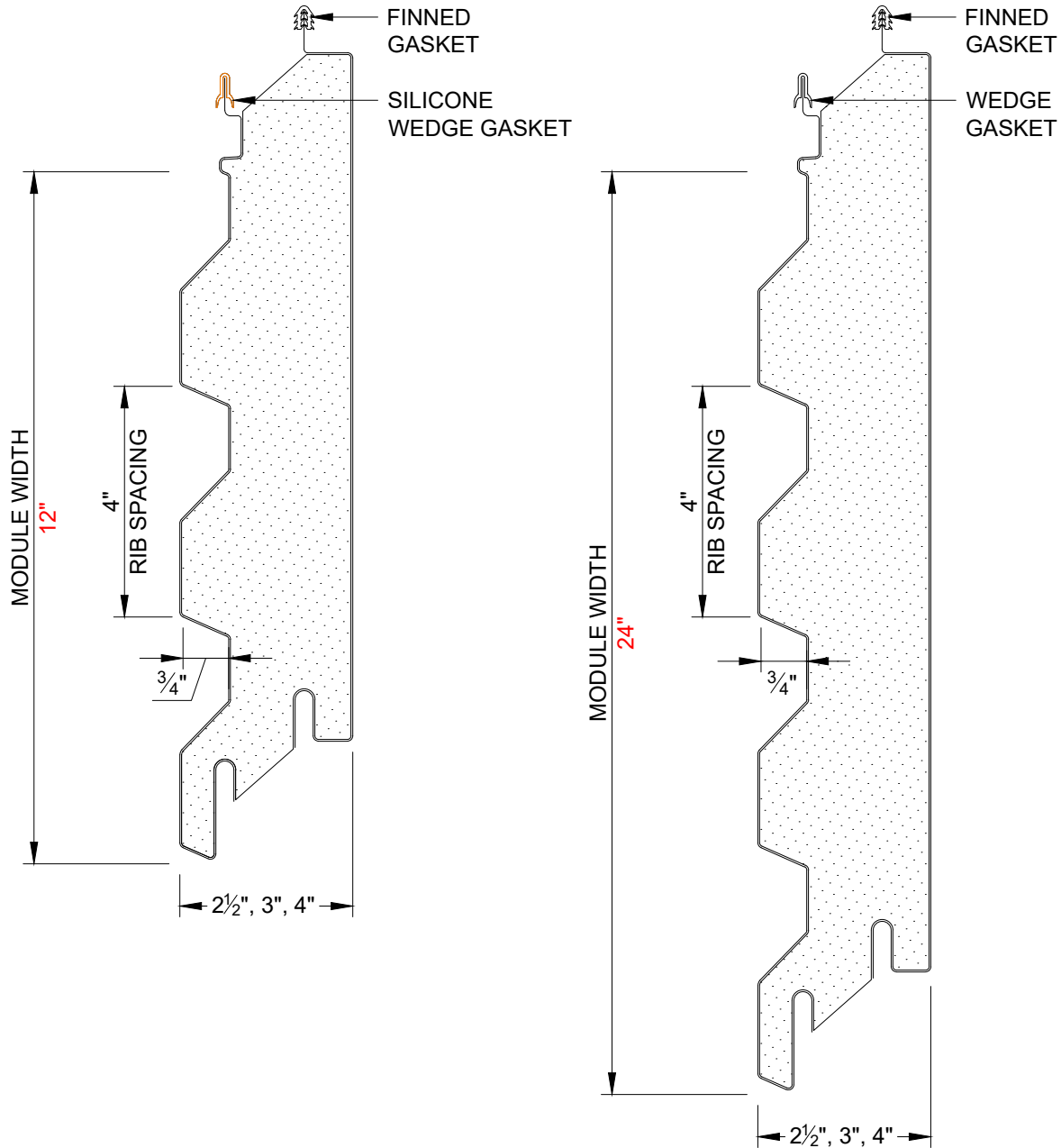
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DW 2000R - HORIZONTAL INSTALLATION



DW2000R-H		
PANEL TYPE	EXTERIOR JOINT	INTERIOR JOINT
MODULES UNDER 24"	SILICONE WEDGE GASKET (RED/ORANGE) 	FINNED GASKET (BLACK) 
MODULES = 24"	WEDGE GASKET (BLACK) 	
MODULES W/ BLOCKSPINE	SILICONE WEDGE GASKET (RED/ORANGE) 	

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PANEL PROFILE

DETAIL #: AR-PP-02-DW2RH
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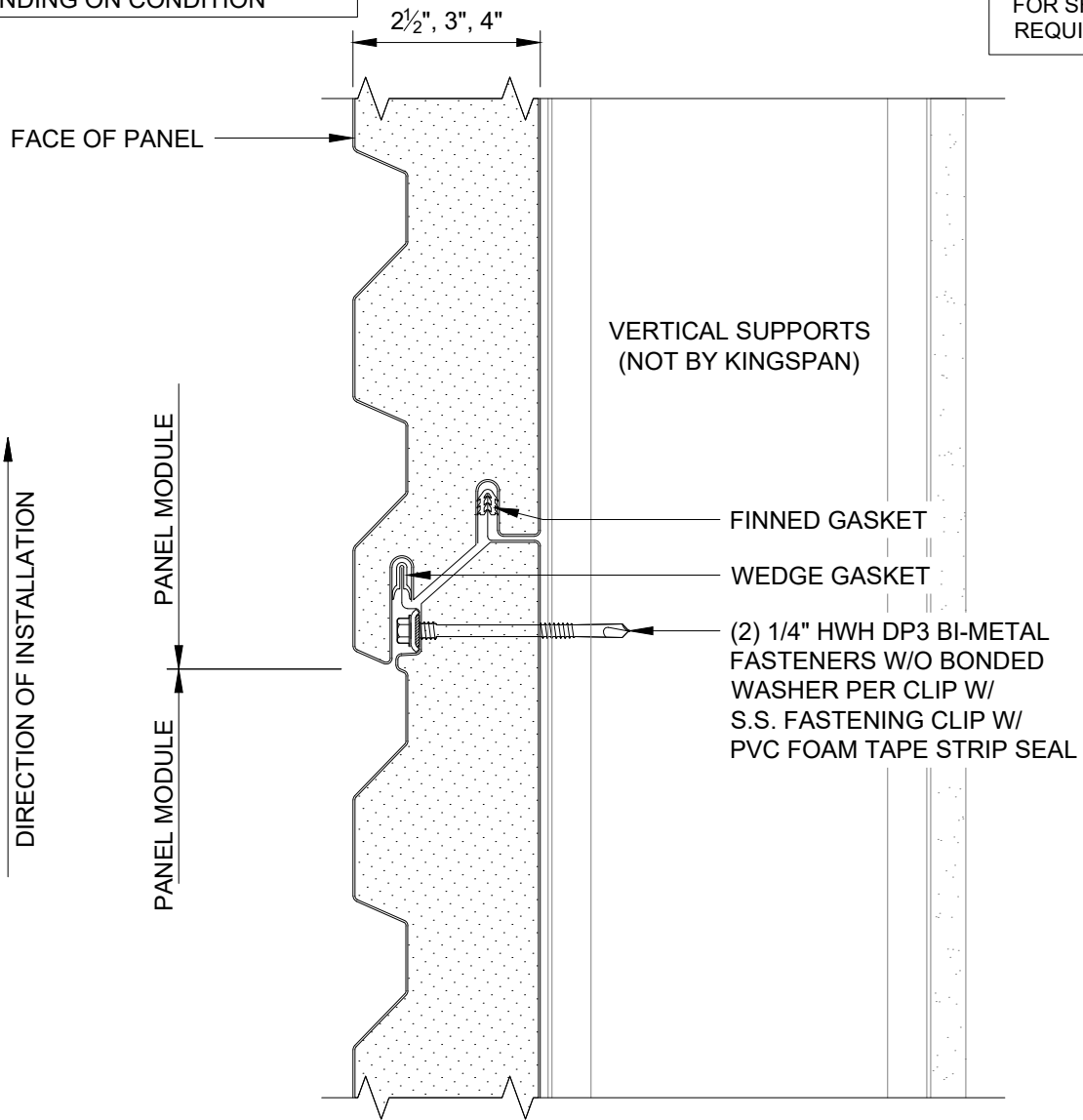


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DW 2000R - HORIZONTAL INSTALLATION

NOTE: FASTENER LENGTH VARIES
DEPENDING ON CONDITION

REFER TO NFPA 285
COMPLIANCE TABLE
FOR SHEATHING
REQUIREMENTS



FASTENING CLIP

CONTACT KINGSPAN TECHNICAL SERVICES FOR SPECIFIC PROJECT FASTENING REQUIREMENTS

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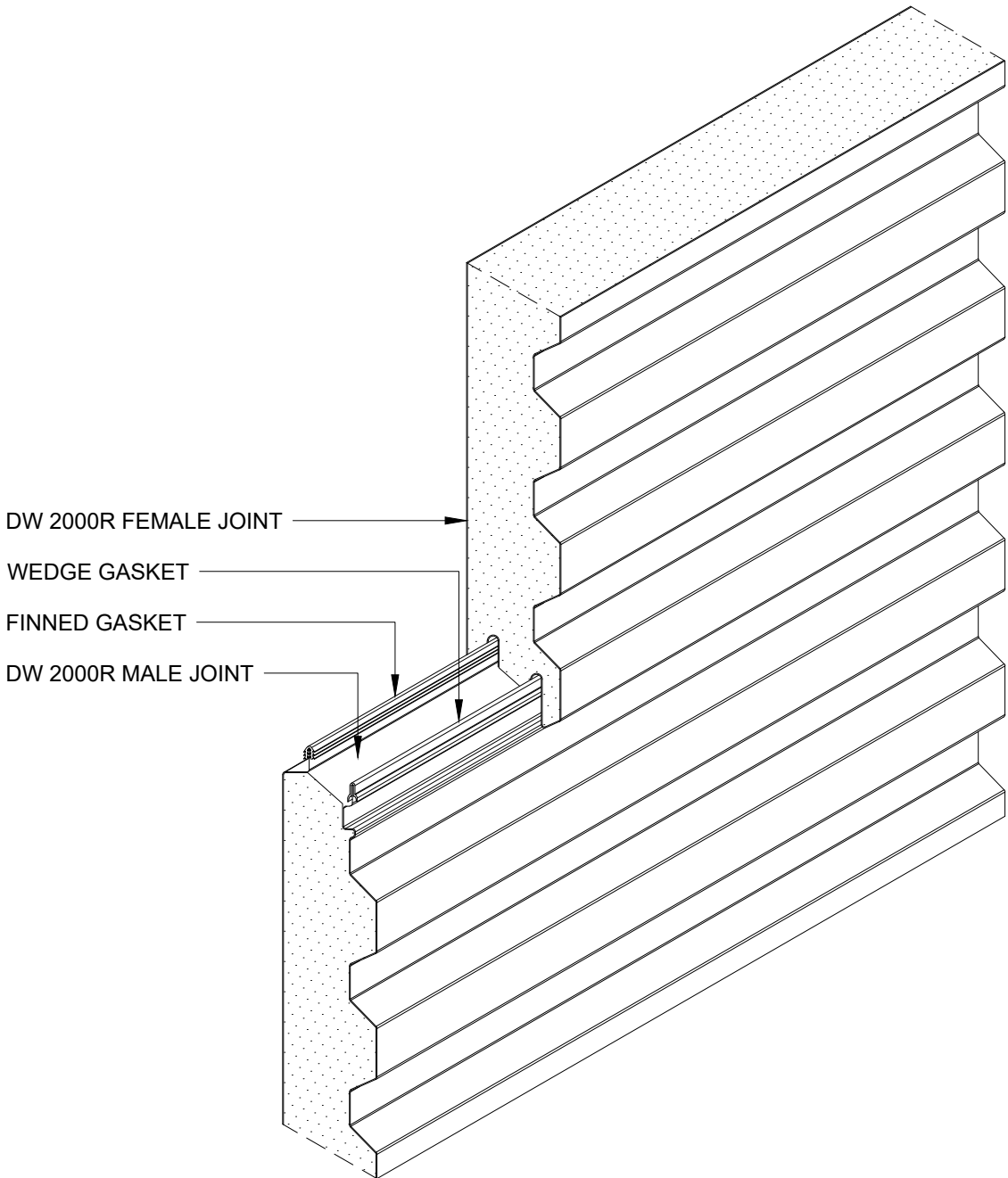
PANEL JOINT

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DW 2000R - HORIZONTAL INSTALLATION



DW 2000R FEMALE JOINT

WEDGE GASKET

FINNED GASKET

DW 2000R MALE JOINT

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PANEL JOINT
ISOMETRIC

DETAIL #: AR-PJ-02-DW2RH

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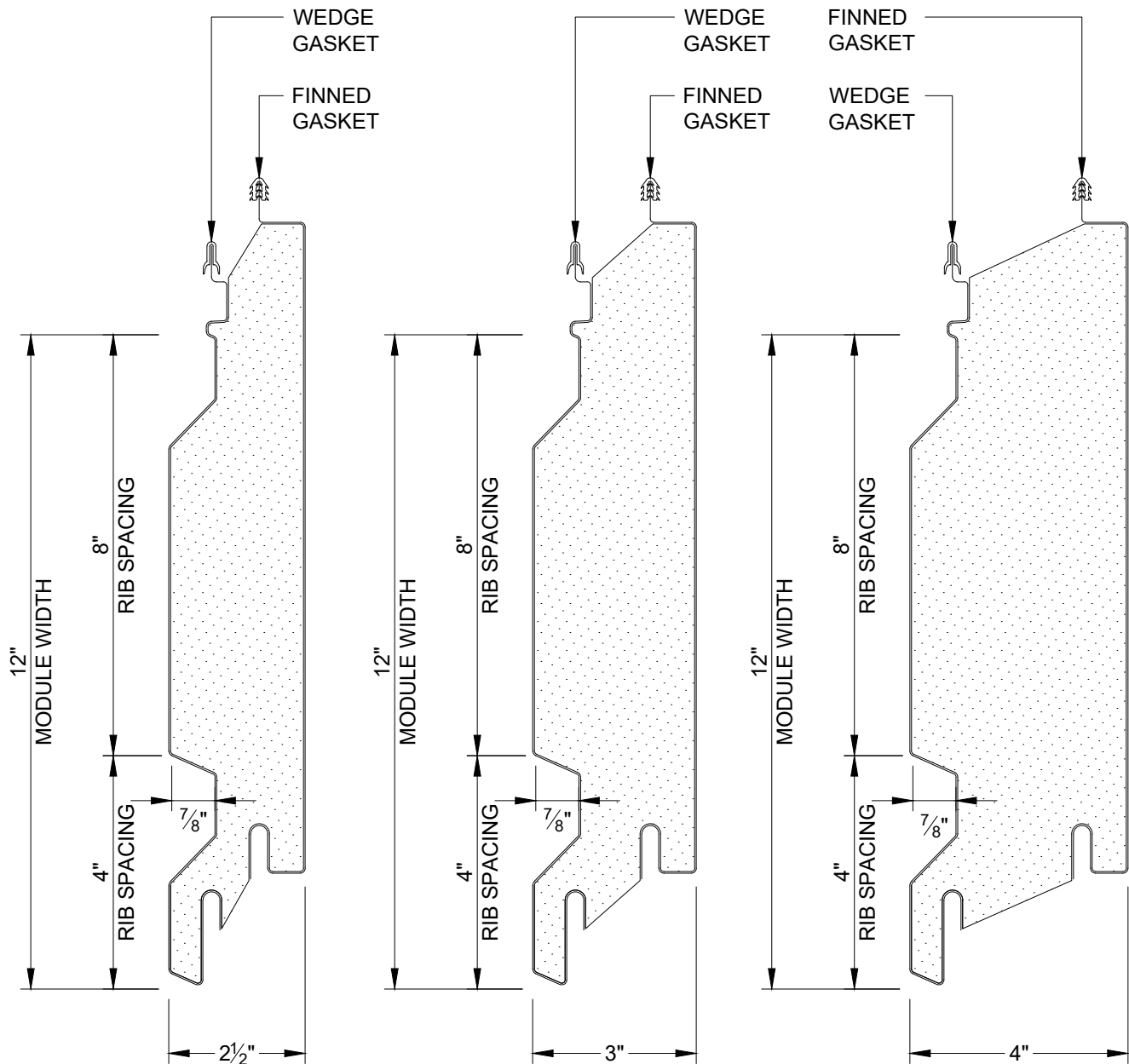
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DESIGNWALL 2000R ALTERNATE "459" PROFILES

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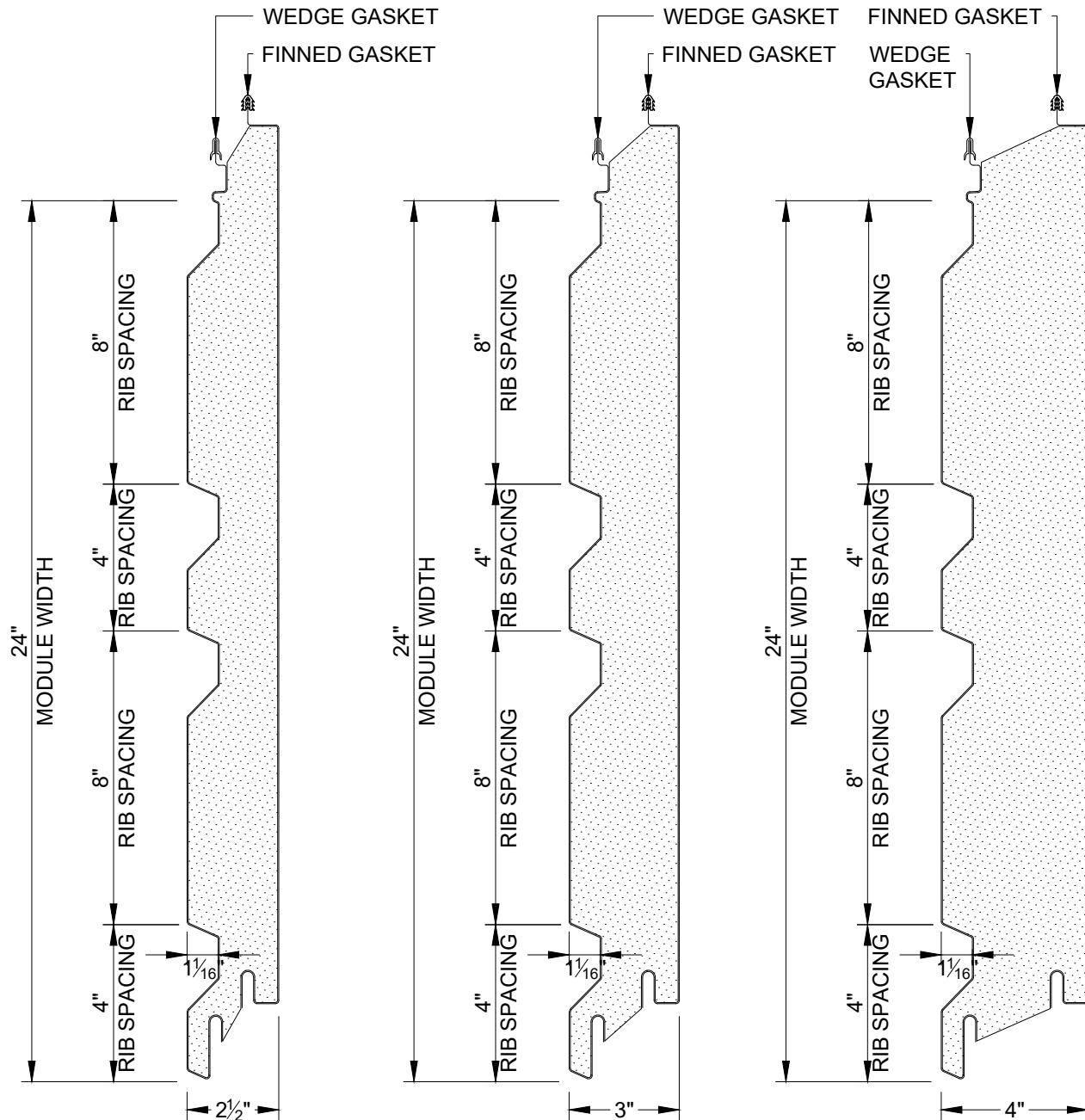
DW2000R "459" PROFILE
12" PANEL

DETAIL #: AR-PJ-03-DW2RH
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DW 2000R - HORIZONTAL INSTALLATION



DESIGNWALL 2000R ALTERNATE "459" PROFILES

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DW2000R "459" PROFILE
24" PANEL

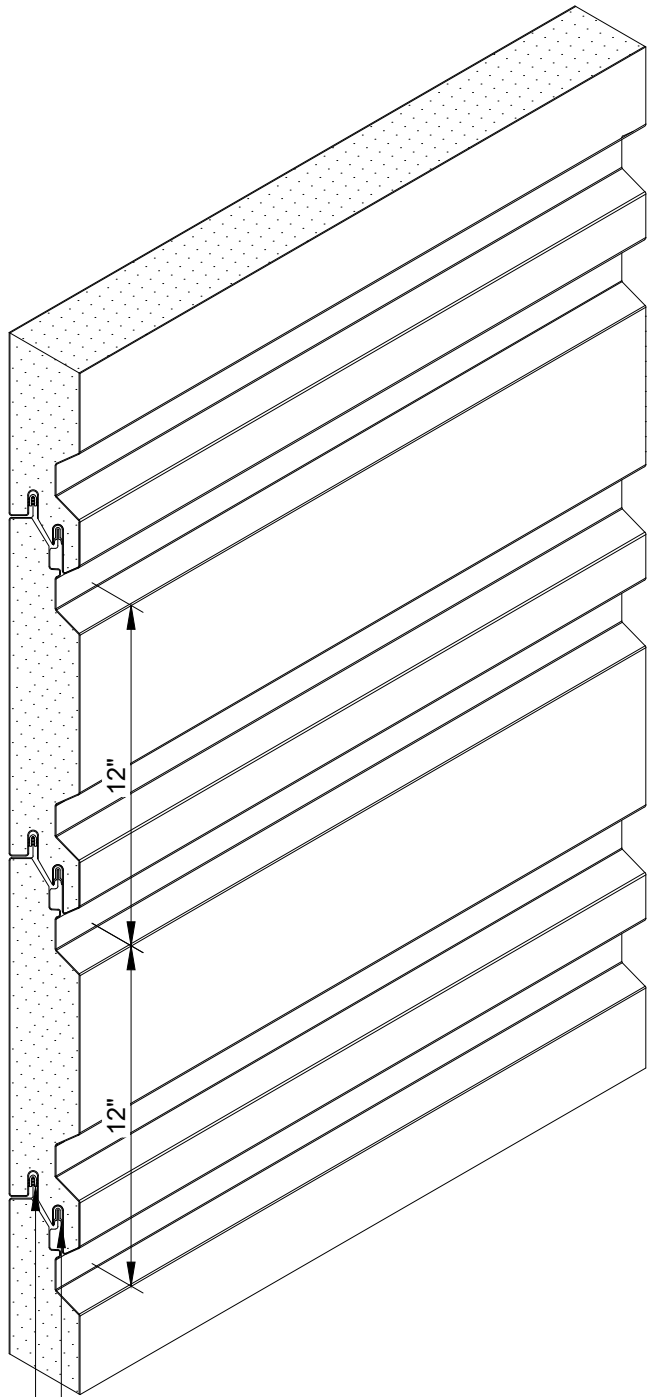
DETAIL #: AR-PJ-04-DW2RH
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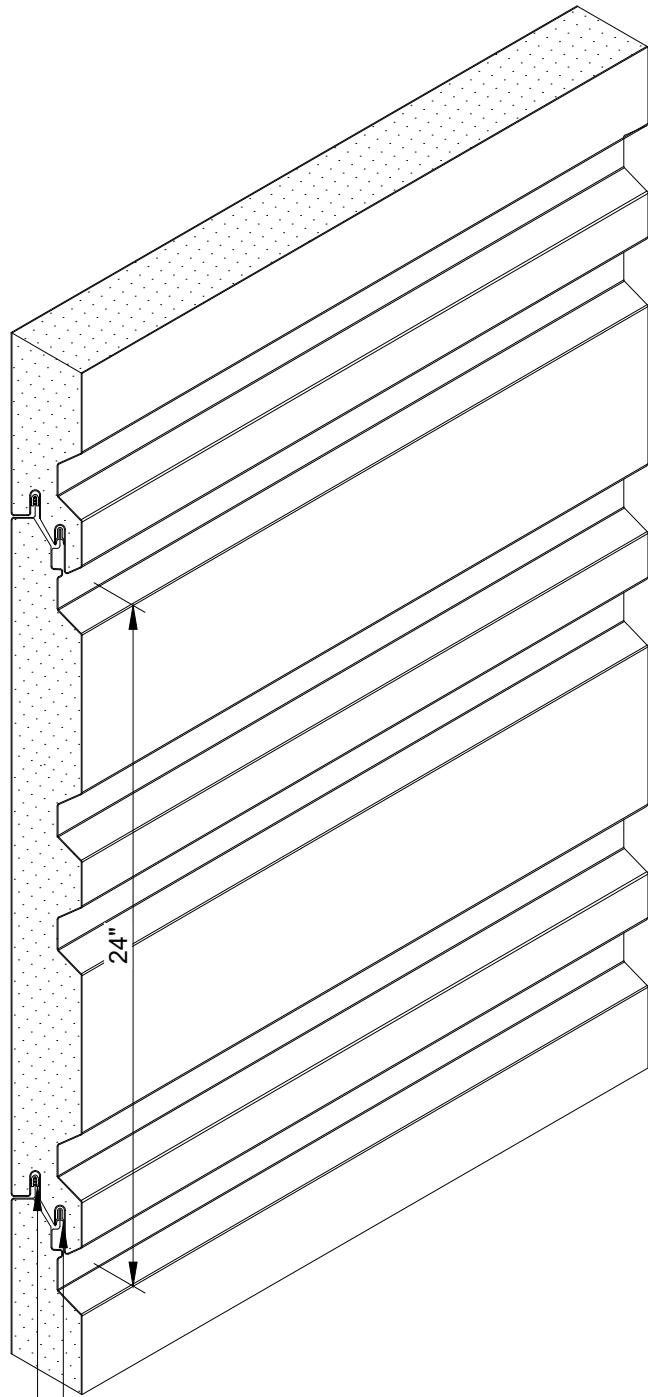
DW 2000R - HORIZONTAL INSTALLATION

MODULE WIDTH: 12"



WEDGE GASKET
WEDGE GASKET

MODULE WIDTH: 24"



WEDGE GASKET
WEDGE GASKET

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"459" PROFILE
ISOMETRIC

DETAIL #: AR-PJ-05-DW2RH
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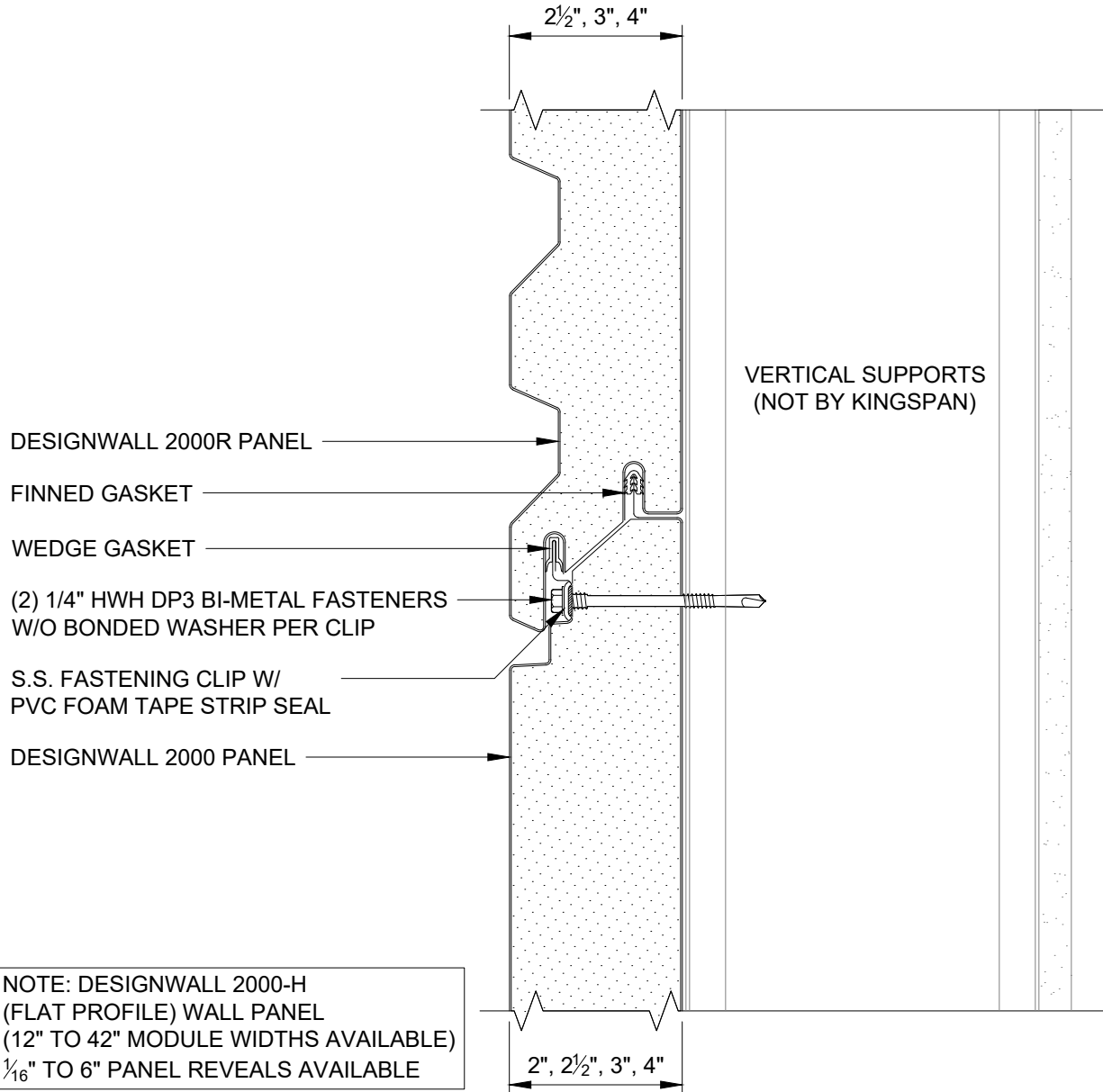


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DW 2000R - HORIZONTAL INSTALLATION

NOTE: FASTENER LENGTH VARIES
DEPENDING ON CONDITION

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



NOTE: DESIGNWALL 2000-H
(FLAT PROFILE) WALL PANEL
(12" TO 42" MODULE WIDTHS AVAILABLE)
1/16" TO 6" PANEL REVEALS AVAILABLE

NFPA 285 COMPLIANCE TABLE

PANEL TYPE	CORE	LEAST PANEL WIDTH	THERMAL BARRIER (WALL)	THERMAL BARRIER (HEAD /JAMB/BUTT JOINT)
DESIGNWALL 2000R (HORIZONTAL)	QUADCORE B	< 24"	THERMAL BARRIER REQUIRED	THERMAL BARRIER REQUIRED
DESIGNWALL 2000R (HORIZONTAL)	QUADCORE B	= 24"	NO THERMAL BARRIER REQUIRED	NO THERMAL BARRIER REQUIRED
DESIGNWALL 2000R BLOCKSPINE	QUADCORE B	= 24"	NO THERMAL BARRIER REQUIRED	THERMAL BARRIER REQUIRED

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DW2000-H - DW2000R-H
INTEGRATION

DETAIL #: AR-PJ-06-DW2RH

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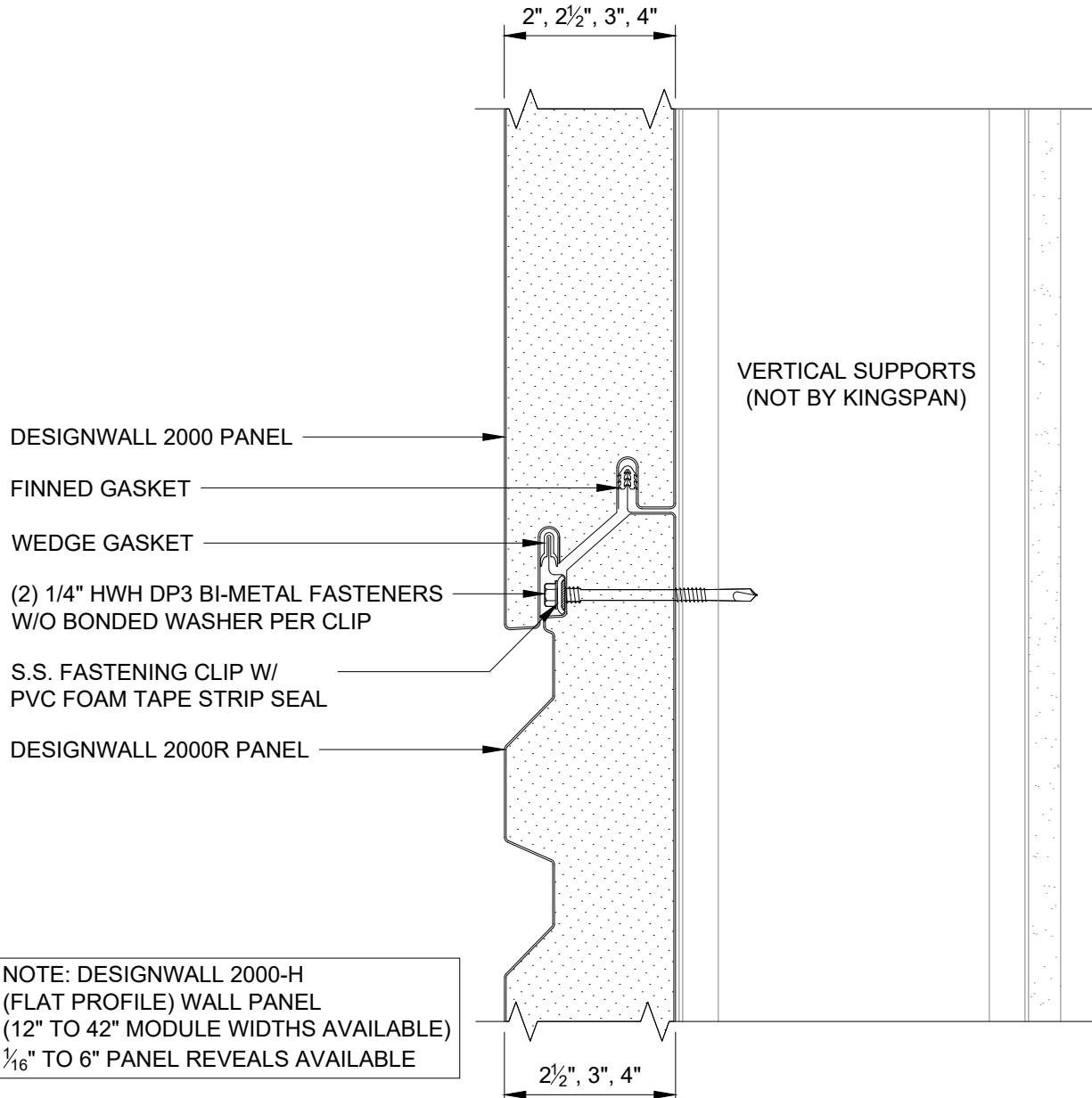


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NOTE: FASTENER LENGTH VARIES
DEPENDING ON CONDITION

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



NFPA 285 COMPLIANCE TABLE

PANEL TYPE	CORE	LEAST PANEL WIDTH	THERMAL BARRIER (WALL)	THERMAL BARRIER (HEAD /JAMB/BUTT JOINT)
DESIGNWALL 2000R (HORIZONTAL)	QUADCORE B	< 24"	THERMAL BARRIER REQUIRED	THERMAL BARRIER REQUIRED
DESIGNWALL 2000R (HORIZONTAL)	QUADCORE B	= 24"	NO THERMAL BARRIER REQUIRED	NO THERMAL BARRIER REQUIRED
DESIGNWALL 2000R BLOCKSPINE	QUADCORE B	= 24"	NO THERMAL BARRIER REQUIRED	THERMAL BARRIER REQUIRED

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DW2000R-H TO DW2000-H
INTEGRATION

DETAIL #: AR-PJ-07-DW2RH

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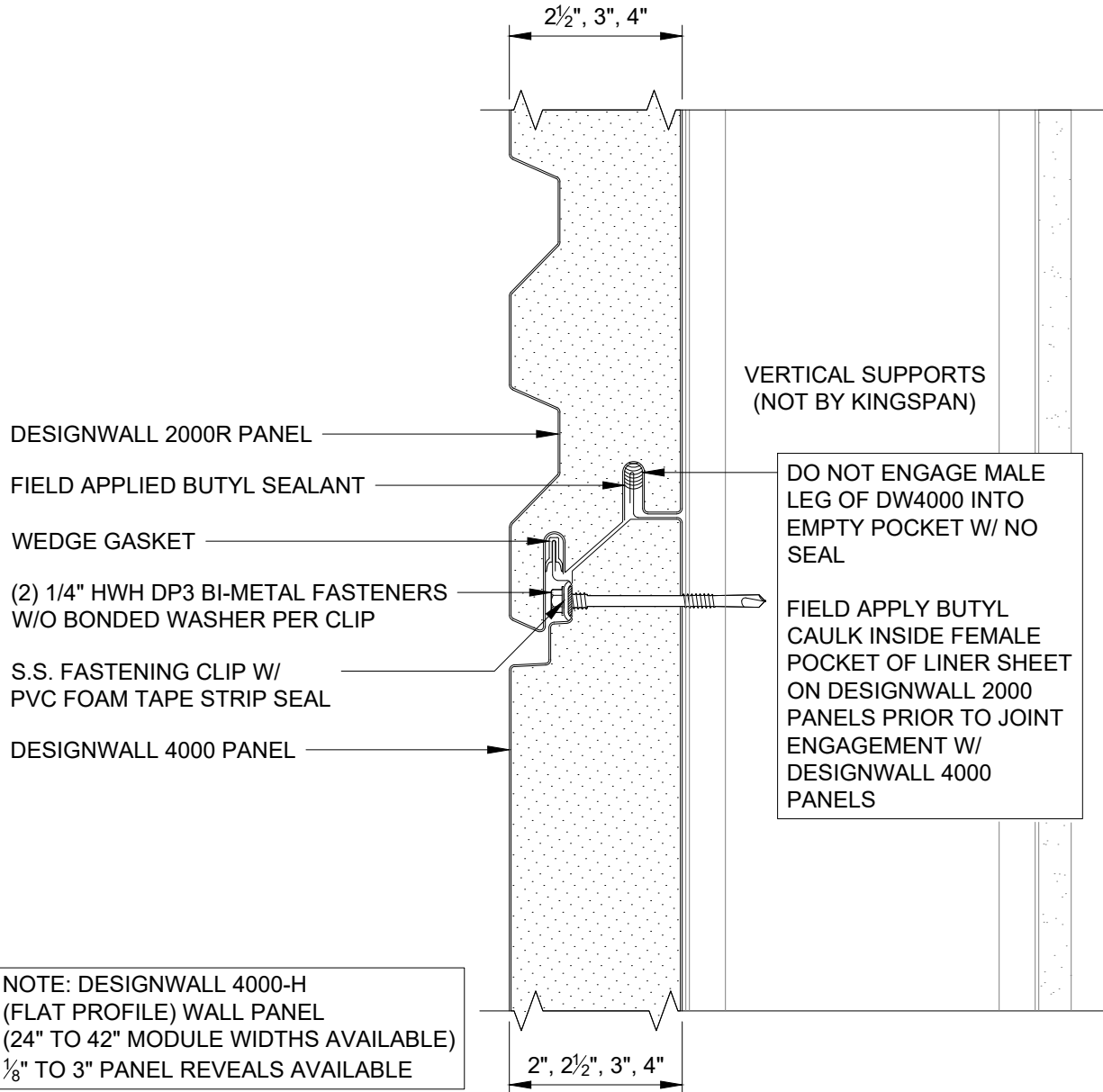


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NOTE: FASTENER LENGTH VARIES
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REFER TO NFPA 285
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NFPA 285 COMPLIANCE TABLE

PANEL TYPE	CORE	LEAST PANEL WIDTH	THERMAL BARRIER (WALL)	THERMAL BARRIER (HEAD /JAMB/BUTT JOINT)
DESIGNWALL 2000R (HORIZONTAL)	QUADCORE B	< 24"	THERMAL BARRIER REQUIRED	THERMAL BARRIER REQUIRED
DESIGNWALL 2000R (HORIZONTAL)	QUADCORE B	= 24"	NO THERMAL BARRIER REQUIRED	NO THERMAL BARRIER REQUIRED
DESIGNWALL 2000R BLOCKSPINE	QUADCORE B	= 24"	NO THERMAL BARRIER REQUIRED	THERMAL BARRIER REQUIRED

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DW4000-H TO DW2000R-H
INTEGRATION

DETAIL #: AR-PJ-08-DW2RH

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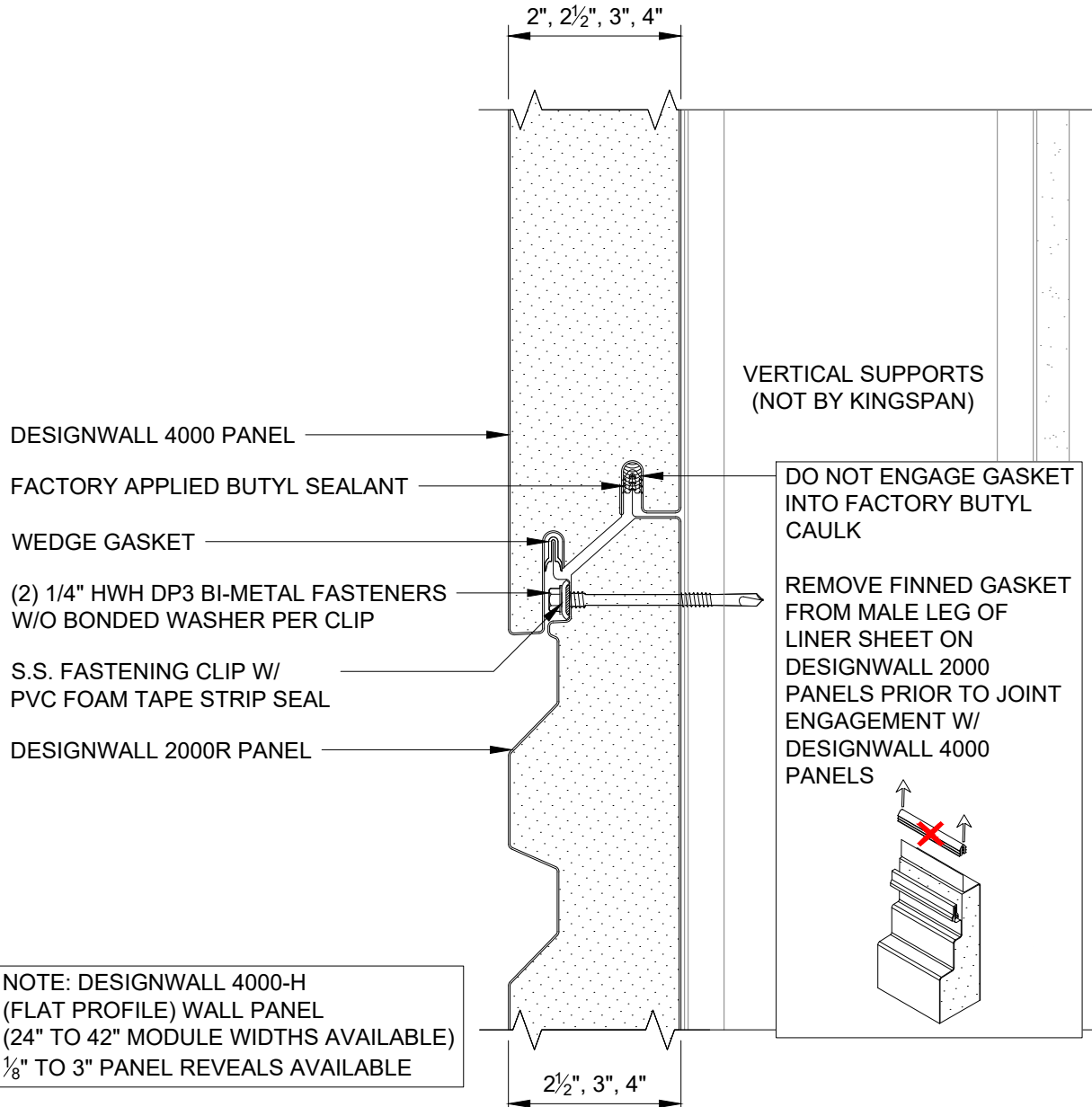


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NOTE: FASTENER LENGTH VARIES
DEPENDING ON CONDITION

REFER TO NFPA 285
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SHEATHING
REQUIREMENTS



NOTE: DESIGNWALL 4000-H
(FLAT PROFILE) WALL PANEL
(24" TO 42" MODULE WIDTHS AVAILABLE)
1/8" TO 3" PANEL REVEALS AVAILABLE

NFPA 285 COMPLIANCE TABLE

PANEL TYPE	CORE	LEAST PANEL WIDTH	THERMAL BARRIER (WALL)	THERMAL BARRIER (HEAD /JAMB/BUTT JOINT)
DESIGNWALL 2000R (HORIZONTAL)	QUADCORE B	< 24"	THERMAL BARRIER REQUIRED	THERMAL BARRIER REQUIRED
DESIGNWALL 2000R (HORIZONTAL)	QUADCORE B	= 24"	NO THERMAL BARRIER REQUIRED	NO THERMAL BARRIER REQUIRED
DESIGNWALL 2000R BLOCKSPINE	QUADCORE B	= 24"	NO THERMAL BARRIER REQUIRED	THERMAL BARRIER REQUIRED

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DW2000R-H - DW4000-H
INTEGRATION

DETAIL #: AR-PJ-09-DW2RH

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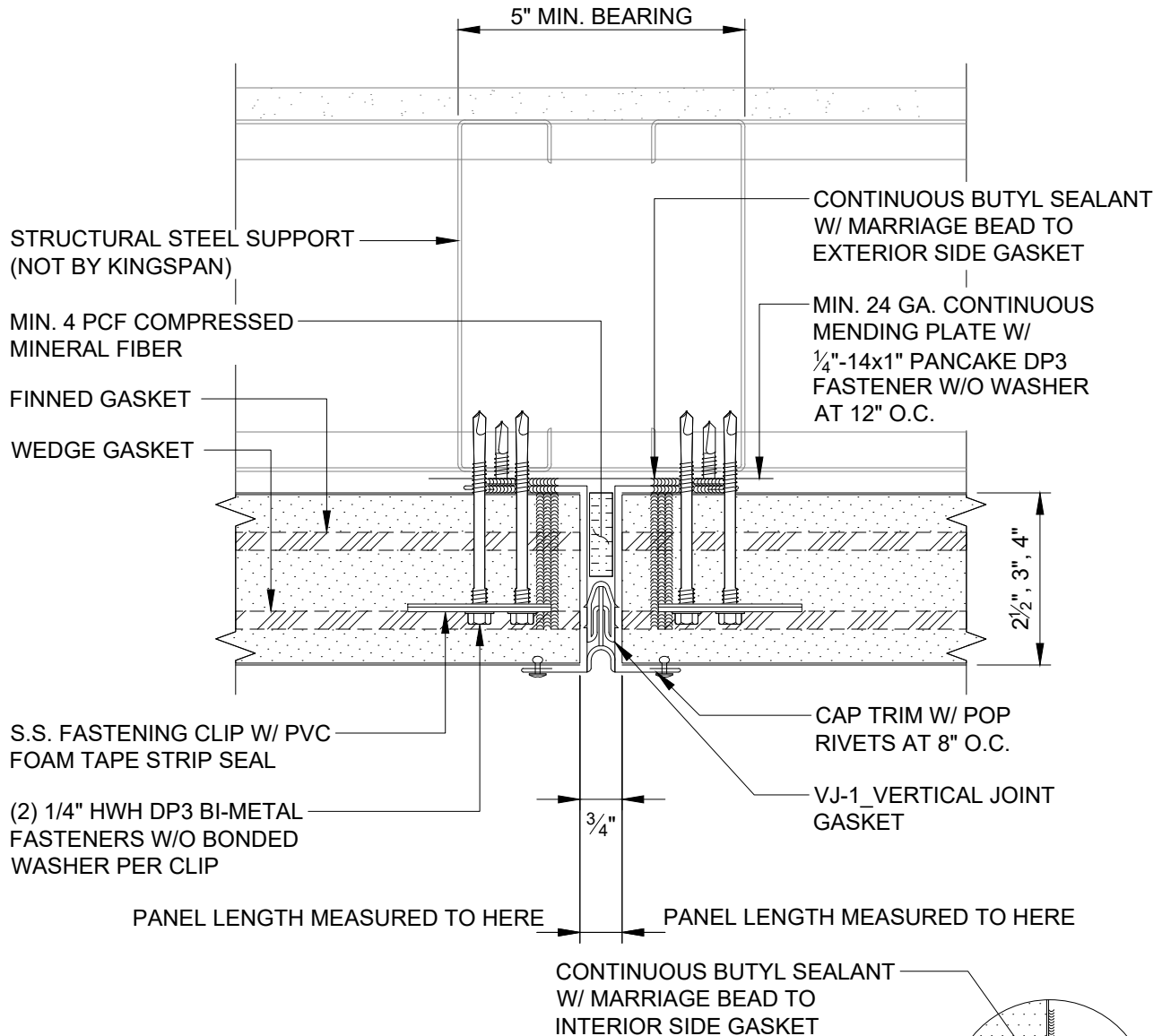


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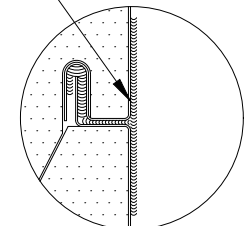
NOTE: FASTENER LENGTH VARIES
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REFER TO NFPA 285
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SHEATHING
REQUIREMENTS



NFPA 285 COMPLIANCE TABLE

PANEL TYPE	CORE	LEAST PANEL WIDTH	THERMAL BARRIER (WALL)	THERMAL BARRIER (HEAD /JAMB/BUTT JOINT)
DESIGNWALL 2000R (HORIZONTAL)	QUADCORE B	< 24"	THERMAL BARRIER REQUIRED	THERMAL BARRIER REQUIRED
DESIGNWALL 2000R (HORIZONTAL)	QUADCORE B	= 24"	NO THERMAL BARRIER REQUIRED	NO THERMAL BARRIER REQUIRED
DESIGNWALL 2000R BLOCKSPINE	QUADCORE B	= 24"	NO THERMAL BARRIER REQUIRED	THERMAL BARRIER REQUIRED



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VERTICAL JOINT
W/ GASKET

DETAIL #: AR-PJ-10-DW2RH

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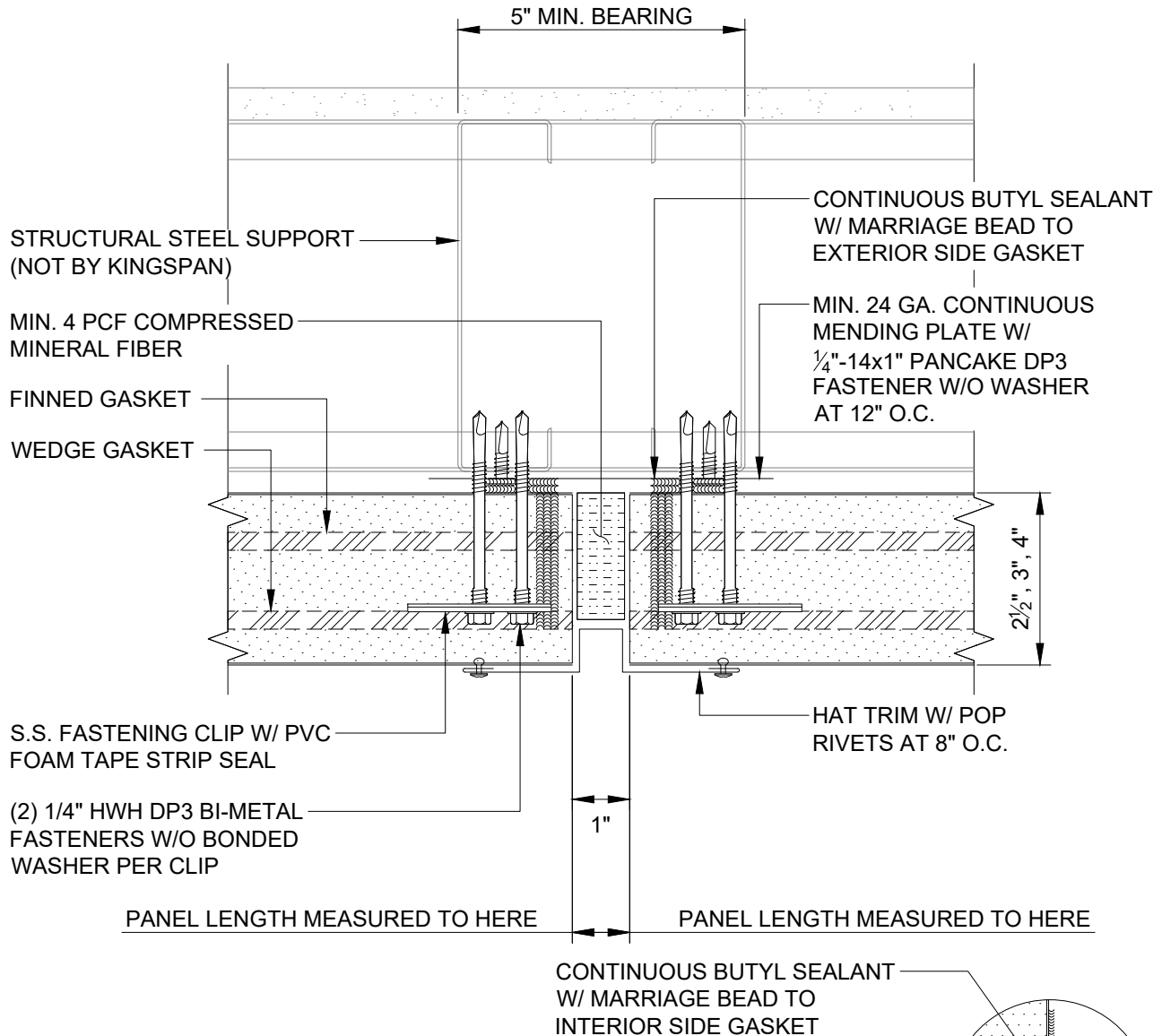


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DW 2000R - HORIZONTAL INSTALLATION

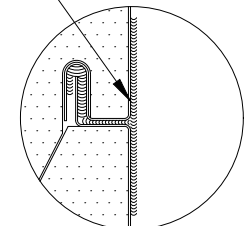
NOTE: FASTENER LENGTH VARIES
DEPENDING ON CONDITION

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



NFPA 285 COMPLIANCE TABLE

PANEL TYPE	CORE	LEAST PANEL WIDTH	THERMAL BARRIER (WALL)	THERMAL BARRIER (HEAD /JAMB/BUTT JOINT)
DESIGNWALL 2000R (HORIZONTAL)	QUADCORE B	< 24"	THERMAL BARRIER REQUIRED	THERMAL BARRIER REQUIRED
DESIGNWALL 2000R (HORIZONTAL)	QUADCORE B	= 24"	NO THERMAL BARRIER REQUIRED	NO THERMAL BARRIER REQUIRED
DESIGNWALL 2000R BLOCKSPINE	QUADCORE B	= 24"	NO THERMAL BARRIER REQUIRED	THERMAL BARRIER REQUIRED



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VERTICAL JOINT
W/ TRIM

DETAIL #: AR-PJ-11-DW2RH

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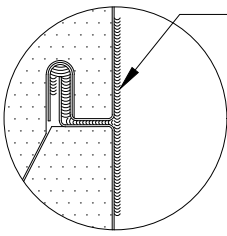


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DW 2000R - HORIZONTAL INSTALLATION

NOTE: FASTENER LENGTH VARIES
DEPENDING ON CONDITION

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



CONTINUOUS BUTYL
SEALANT W/ MARRIAGE
BEAD TO INTERIOR SIDE
GASKET

8" - 13½" BEARING RECOMMENDED

SUPPORT FRAMING
(NOT BY KINGSPAN)

MIN. 4 PCF COMPRESSED MINERAL FIBER
INSULATED METAL FACED BLOCK SPLINE

MIN. 24 GA. CONTINUOUS
MENDING PLATE W/ ¼"-14x1"
PANCAKE DP3 FASTENER
W/O WASHER AT 12" O.C.

CONTINUOUS BUTYL SEALANT
W/ MARRIAGE BEAD TO
EXTERIOR SIDE GASKET

FINNED GASKET

FIELD APPLIED CONTINUOUS
SAFIRE INTUMESCENT SEALANT
PART #2-9767

½" TO 6" REVEAL

FACTORY APPLIED METAL
END CLOSURE

TRIMLESS END

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

NFPA 285 COMPLIANCE TABLE

PANEL TYPE	CORE	LEAST PANEL WIDTH	THERMAL BARRIER (WALL)	THERMAL BARRIER (HEAD /JAMB/BUTT JOINT)
DESIGNWALL 2000R (HORIZONTAL)	QUADCORE B	< 24"	THERMAL BARRIER REQUIRED	THERMAL BARRIER REQUIRED
DESIGNWALL 2000R (HORIZONTAL)	QUADCORE B	= 24"	NO THERMAL BARRIER REQUIRED	NO THERMAL BARRIER REQUIRED
DESIGNWALL 2000R BLOCKSPLINE	QUADCORE B	= 24"	NO THERMAL BARRIER REQUIRED	THERMAL BARRIER REQUIRED

REVISION

REVISION #	DATE
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VERTICAL JOINT
W/ BLOCKSPLINE

DETAIL #: AR-PJ-12-DW2RH

RELEASE: 2026

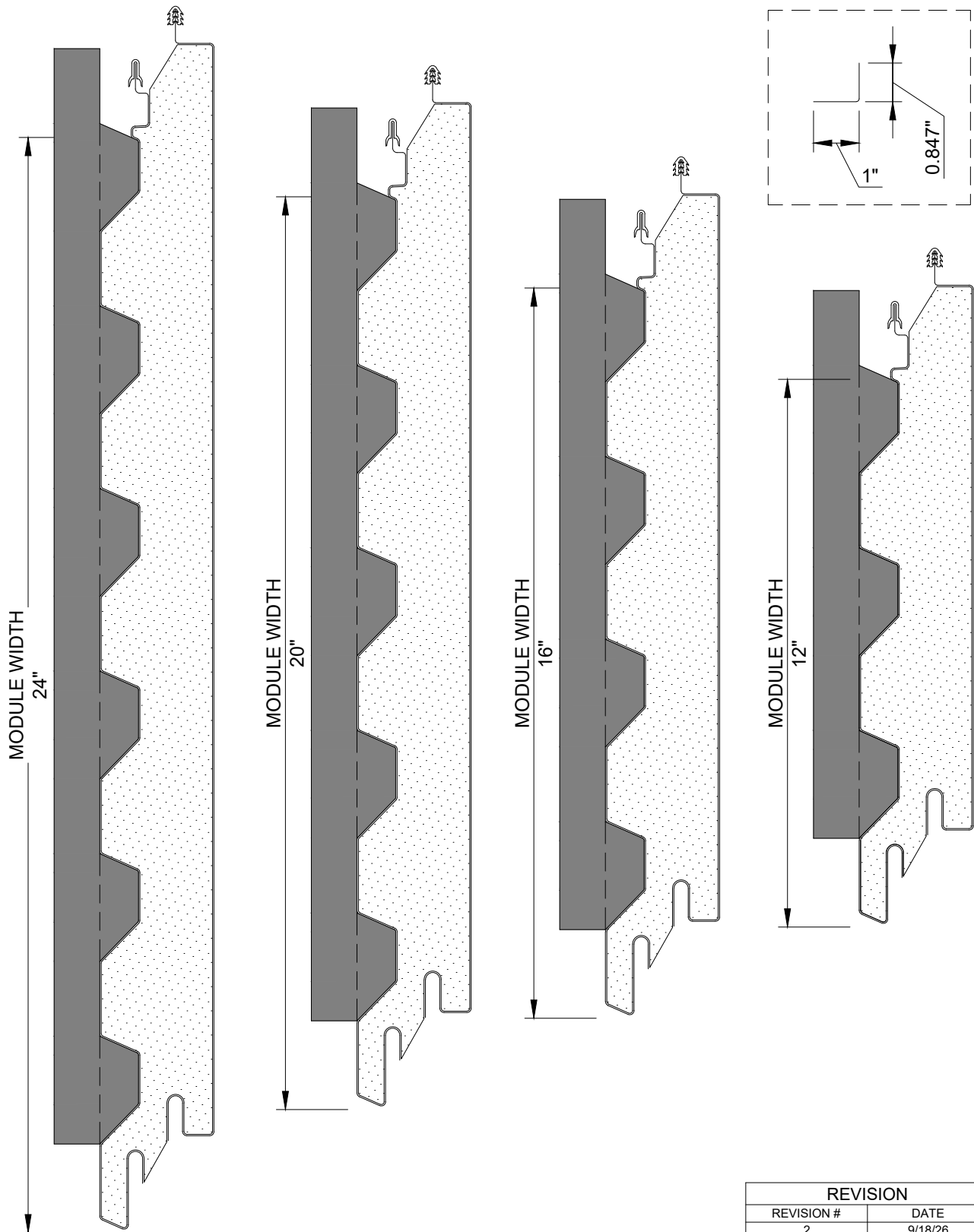
REGION: NORTH AMERICA

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DW 2000R - HORIZONTAL INSTALLATION



REVISION	
REVISION #	DATE
2	9/18/26

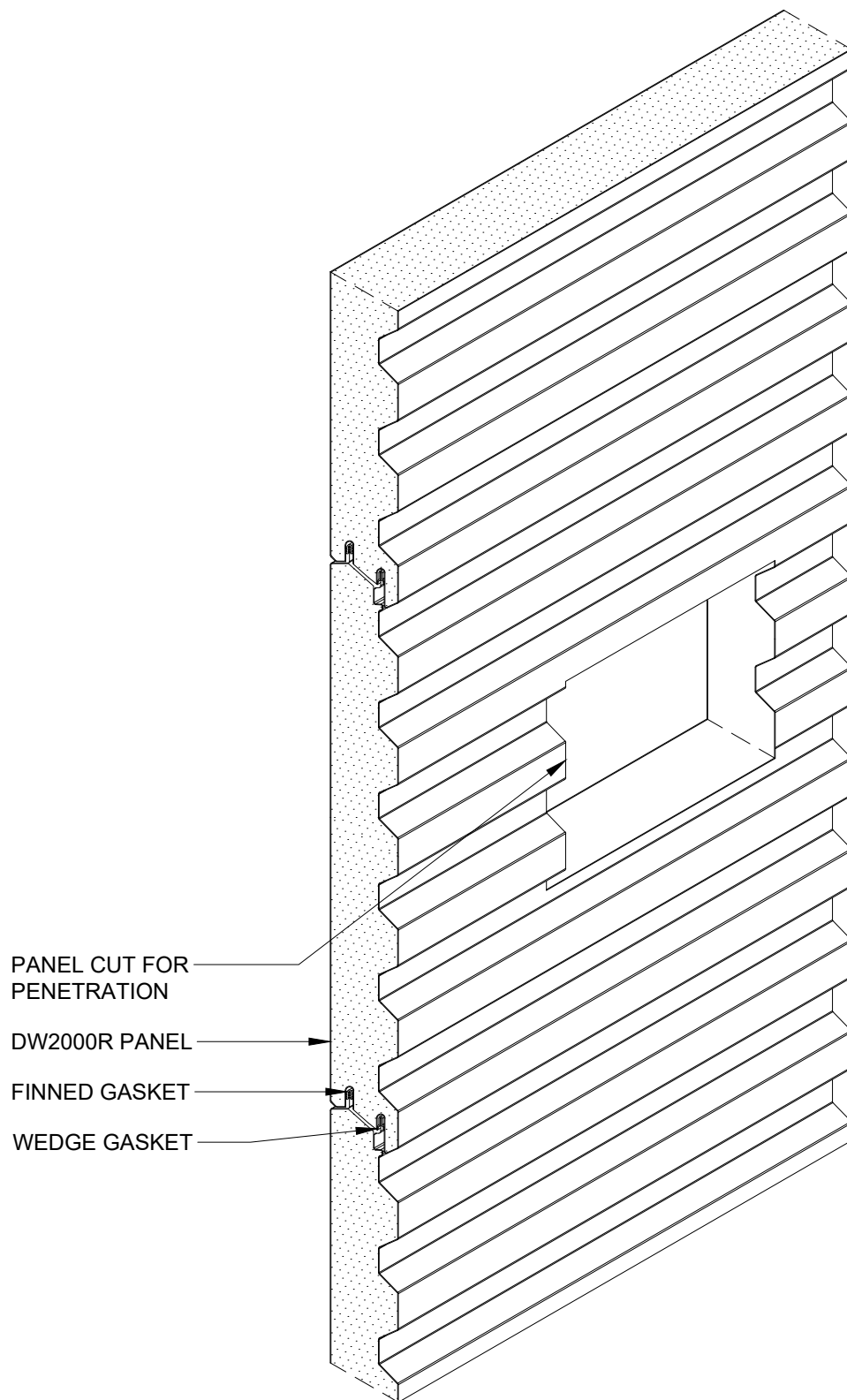
RIBBED METAL
CLOSURE

DETAIL #: AR-PJ-13-DW2RH
RELEASE: 2026
REGION: NORTH AMERICA
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REVISION	
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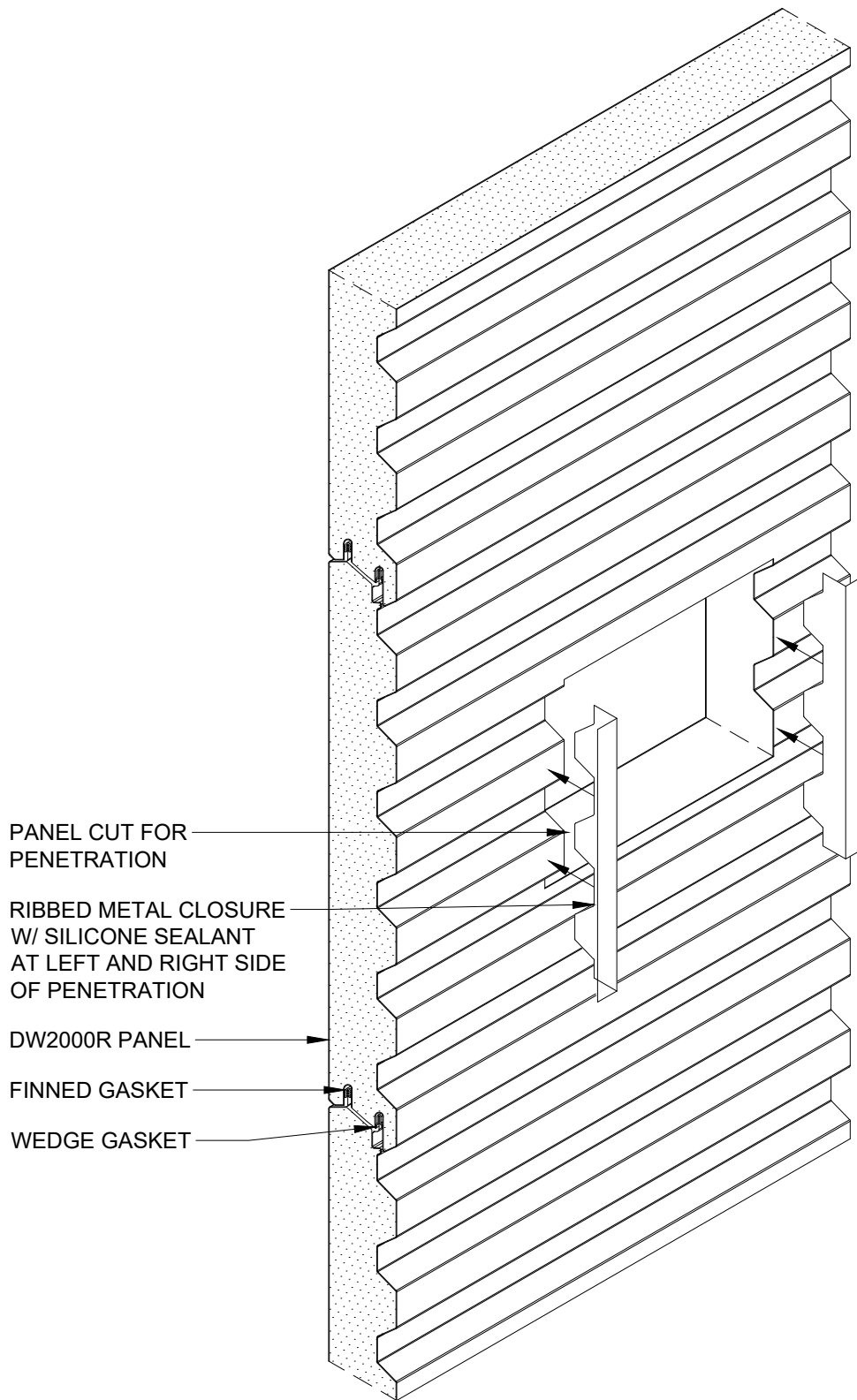
RIBBED METAL CLOSURE
INSTALLATION

DETAIL #: AR-PJ-14-DW2RH
RELEASE: 2026
REGION: NORTH AMERICA
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REVISION	
REVISION #	DATE
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RIBBED METAL CLOSURE
INSTALLATION

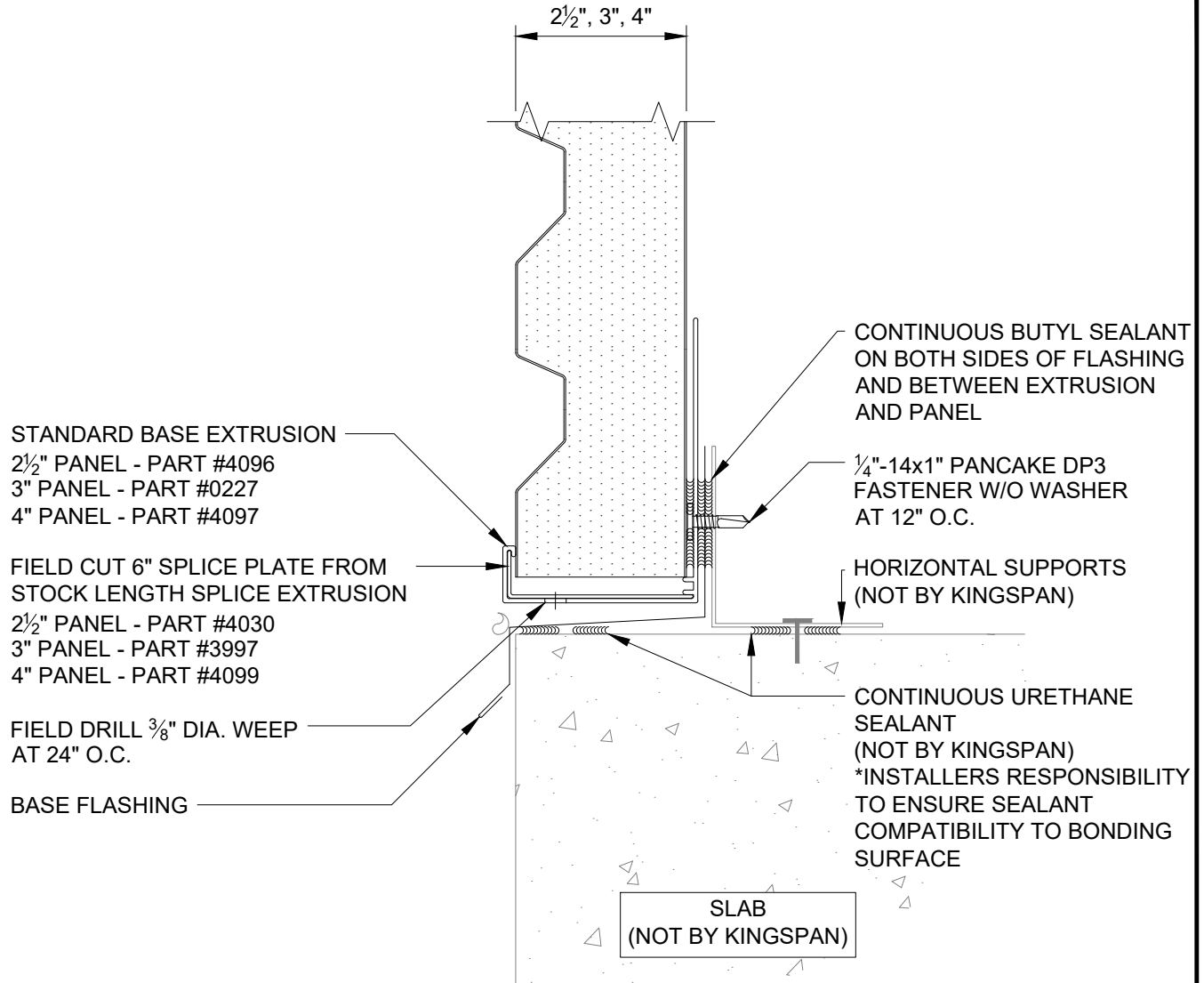
DETAIL #: AR-PJ-15-DW2RH
RELEASE: 2026
REGION: NORTH AMERICA
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DW 2000R - HORIZONTAL INSTALLATION

NOTE: FASTENER LENGTH VARIES
DEPENDING ON CONDITION.
ENSURE HIGH-RIB LANDS AT
BOTTOM OF PANELS, AS SHOWN.



REVISION	
REVISION #	DATE
2	9/18/26

BASE DETAIL
FLUSH W/ EXTRUSION

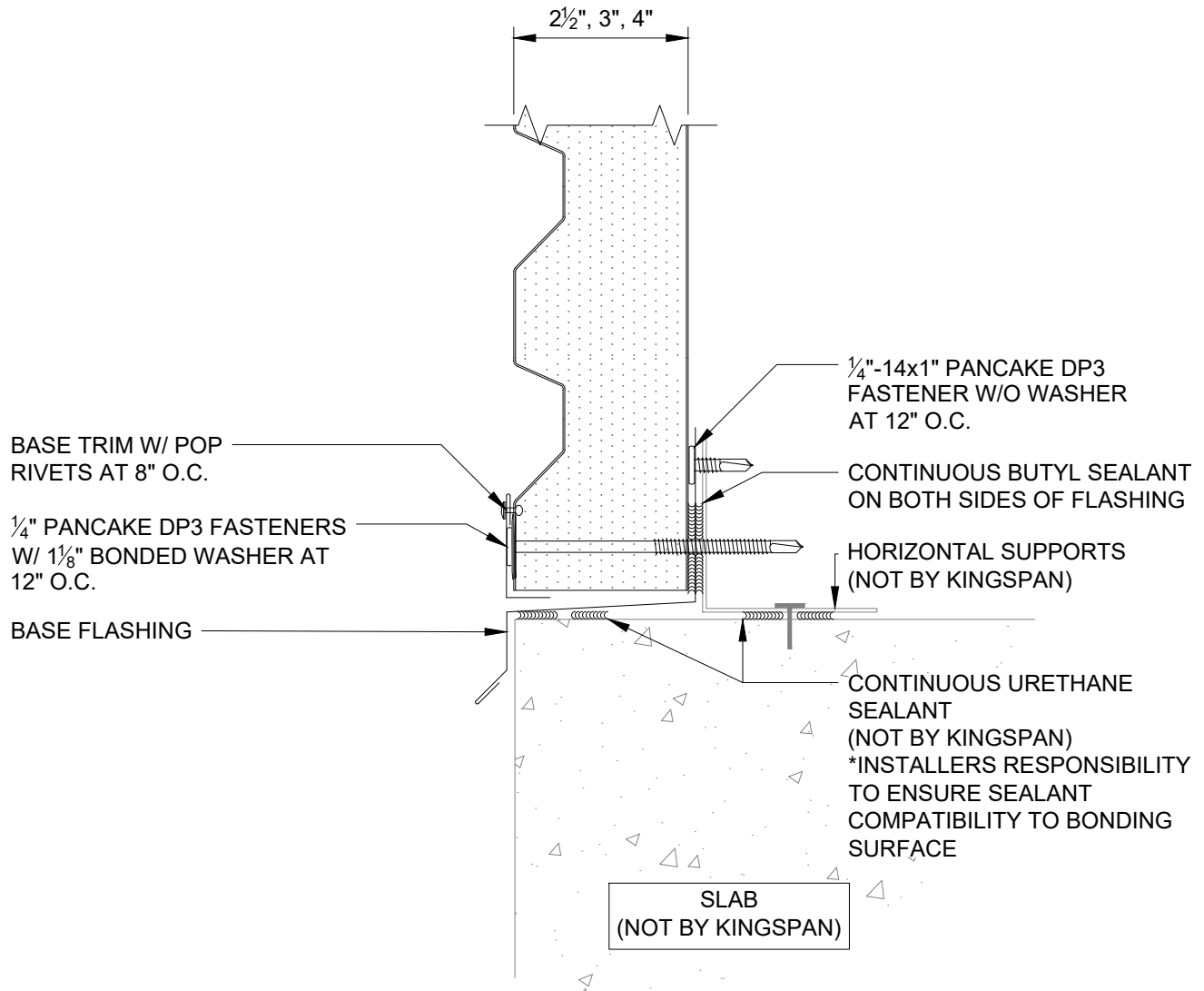
DETAIL #: AR-BS-01-DW2RH
RELEASE: 2026
REGION: NORTH AMERICA
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DW 2000R - HORIZONTAL INSTALLATION

NOTE: FASTENER LENGTH VARIES
DEPENDING ON CONDITION



REVISION	
REVISION #	DATE
2	9/18/26

BASE DETAIL
FLUSH W/ TRIM

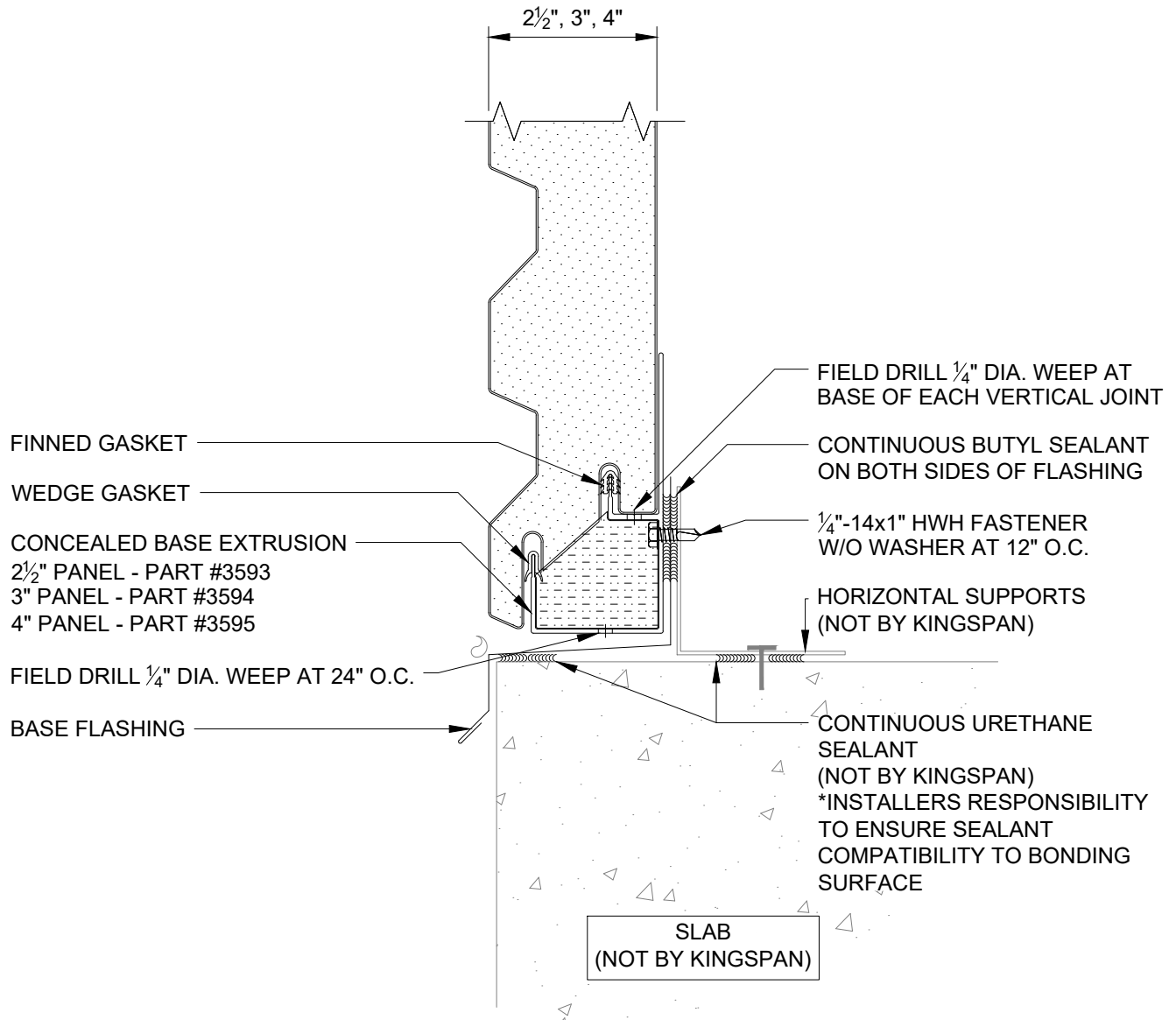
DETAIL #: AR-BS-02-DW2RH
RELEASE: 2026
REGION: NORTH AMERICA
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DW 2000R - HORIZONTAL INSTALLATION

NOTE: FASTENER LENGTH VARIES
DEPENDING ON CONDITION



REVISION	
REVISION #	DATE
2	9/18/26

BASE DETAIL
FLUSH W/ CONCEALED
BASE EXTRUSION

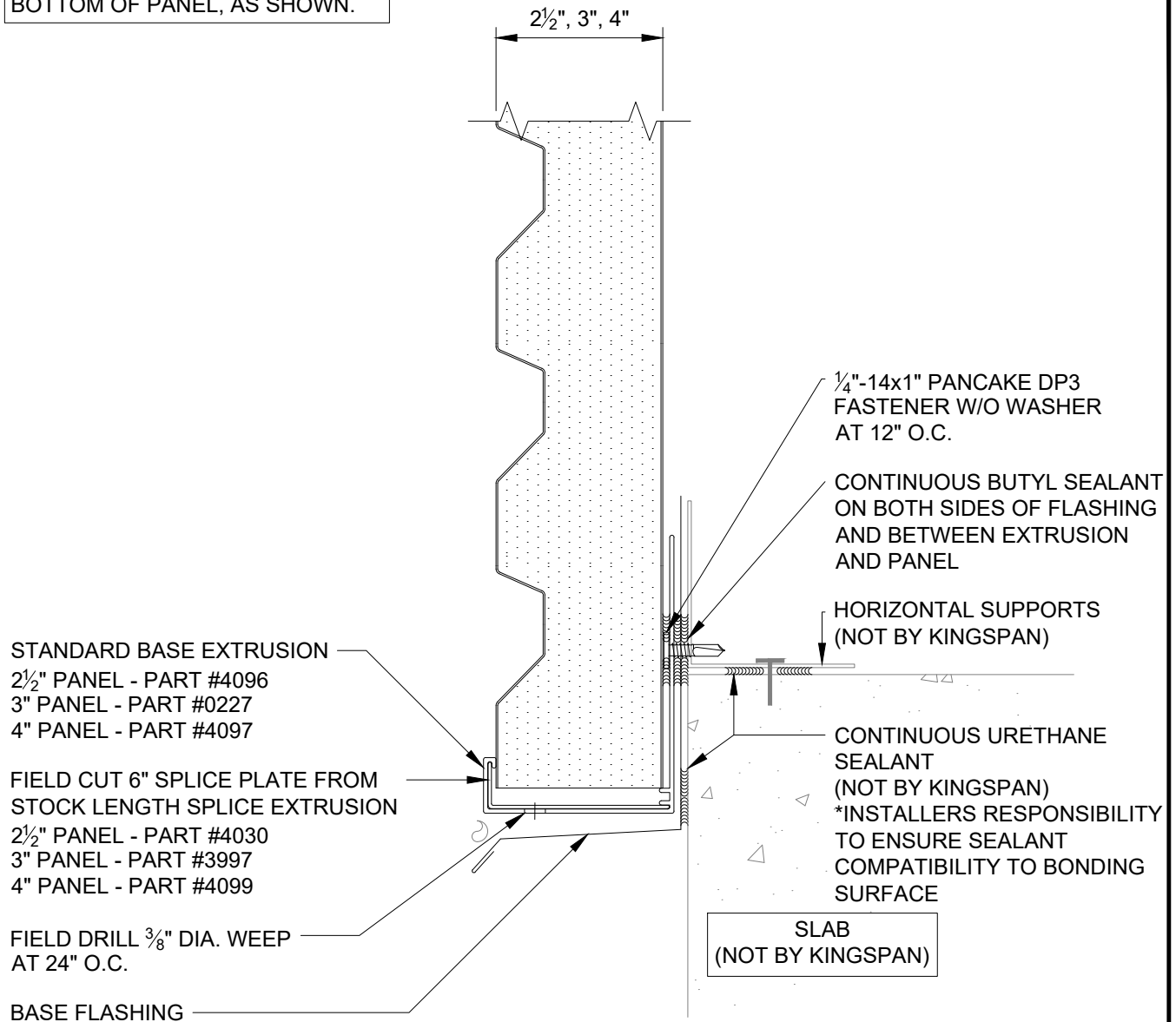
DETAIL #: AR-BS-03-DW2RH
RELEASE: 2026
REGION: NORTH AMERICA
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DW 2000R - HORIZONTAL INSTALLATION

NOTE: FASTENER LENGTH VARIES
DEPENDING ON CONDITION,
ENSURE HIGH-RIB LANDS AT
BOTTOM OF PANEL, AS SHOWN.



REVISION	
REVISION #	DATE
2	9/18/26

BASE DETAIL
OVERHANG W/ EXTRUSION

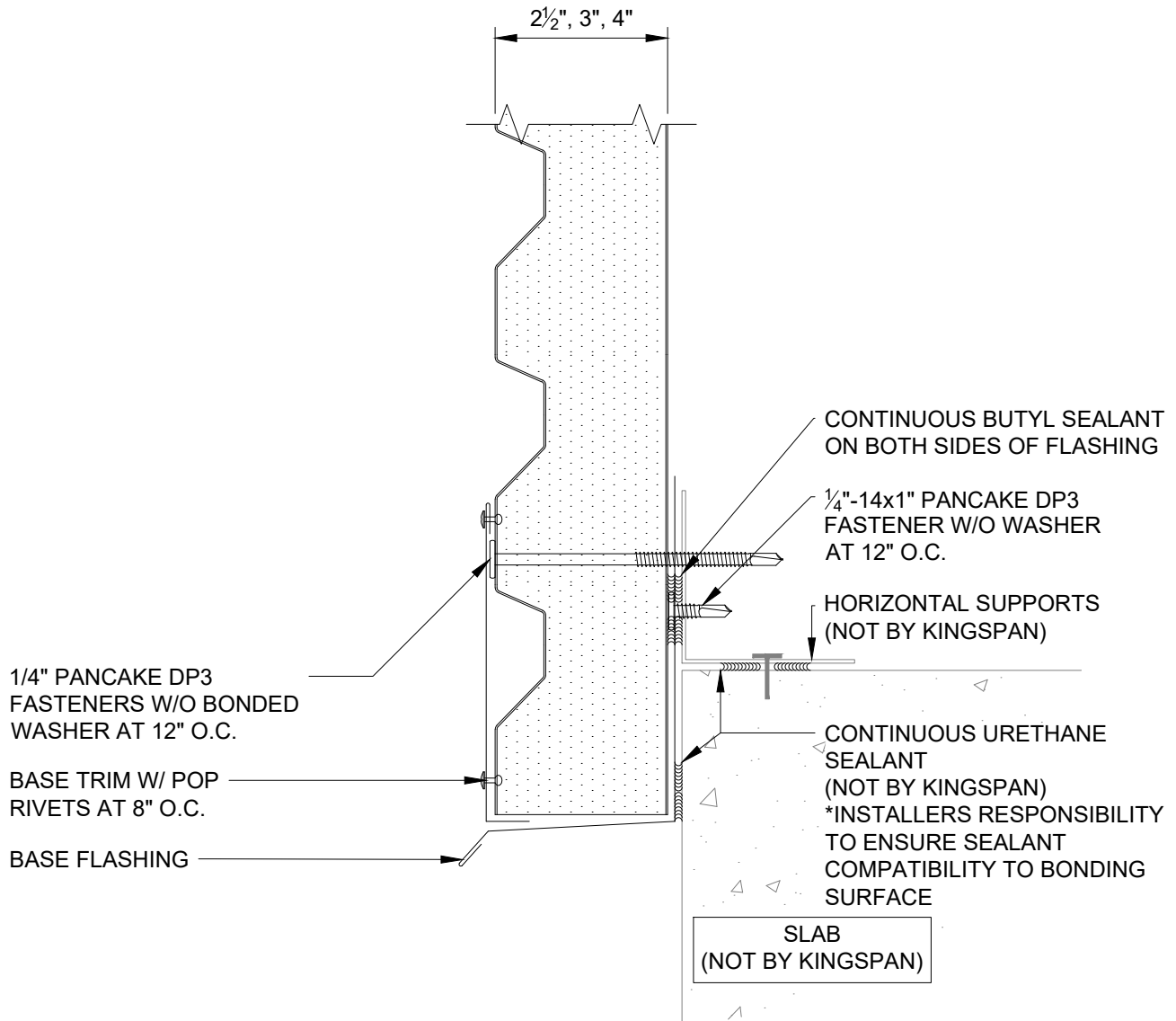
DETAIL #: AR-BS-04-DW2RH
RELEASE: 2026
REGION: NORTH AMERICA
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DW 2000R - HORIZONTAL INSTALLATION

NOTE: FASTENER LENGTH VARIES
DEPENDING ON CONDITION



REVISION	
REVISION #	DATE
2	9/18/26

BASE DETAIL
OVERHANG W/ TRIM

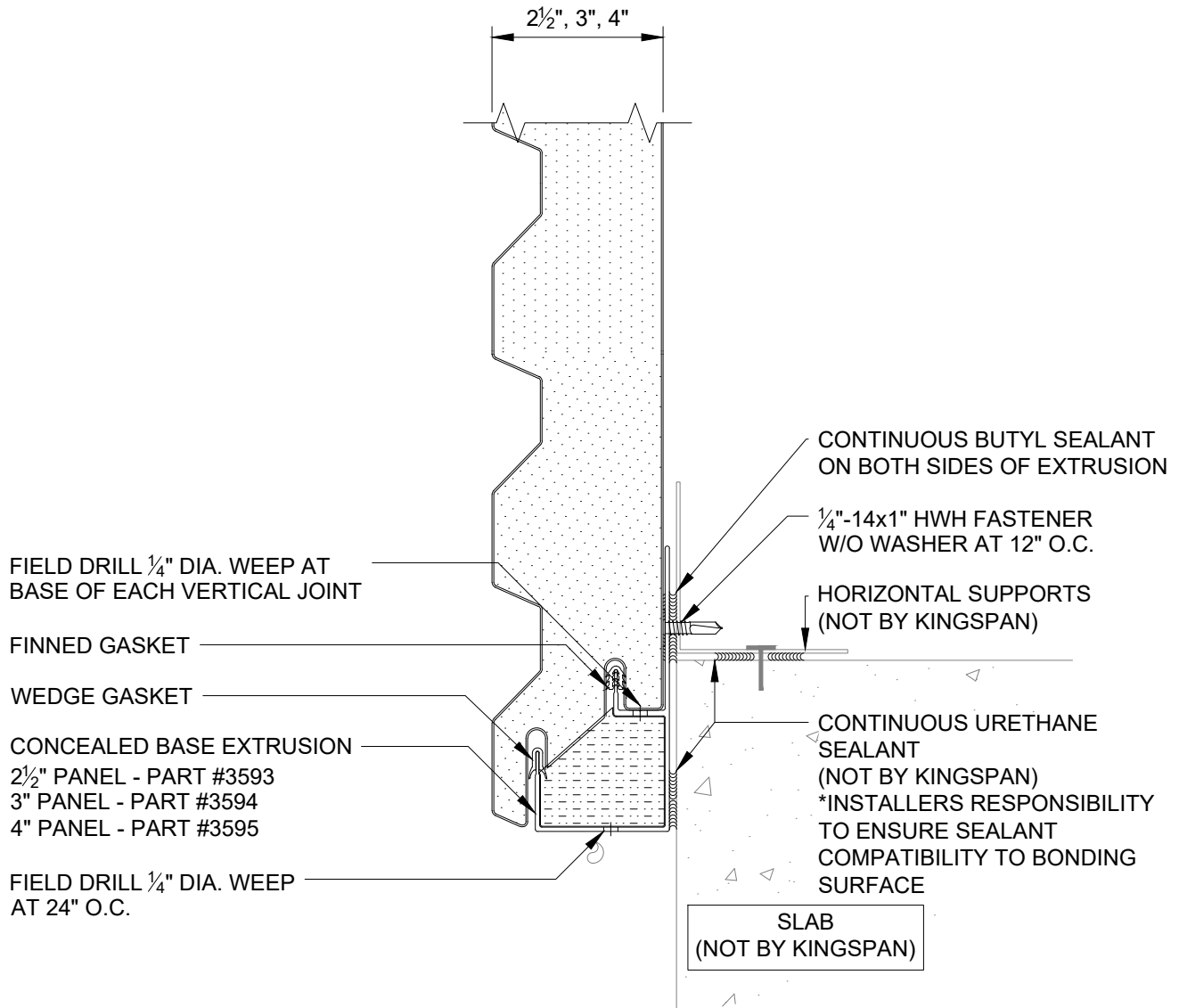
DETAIL #: AR-BS-05-DW2RH
RELEASE: 2026
REGION: NORTH AMERICA
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DW 2000R - HORIZONTAL INSTALLATION

NOTE: FASTENER LENGTH VARIES
DEPENDING ON CONDITION



REVISION	
REVISION #	DATE
2	9/18/26

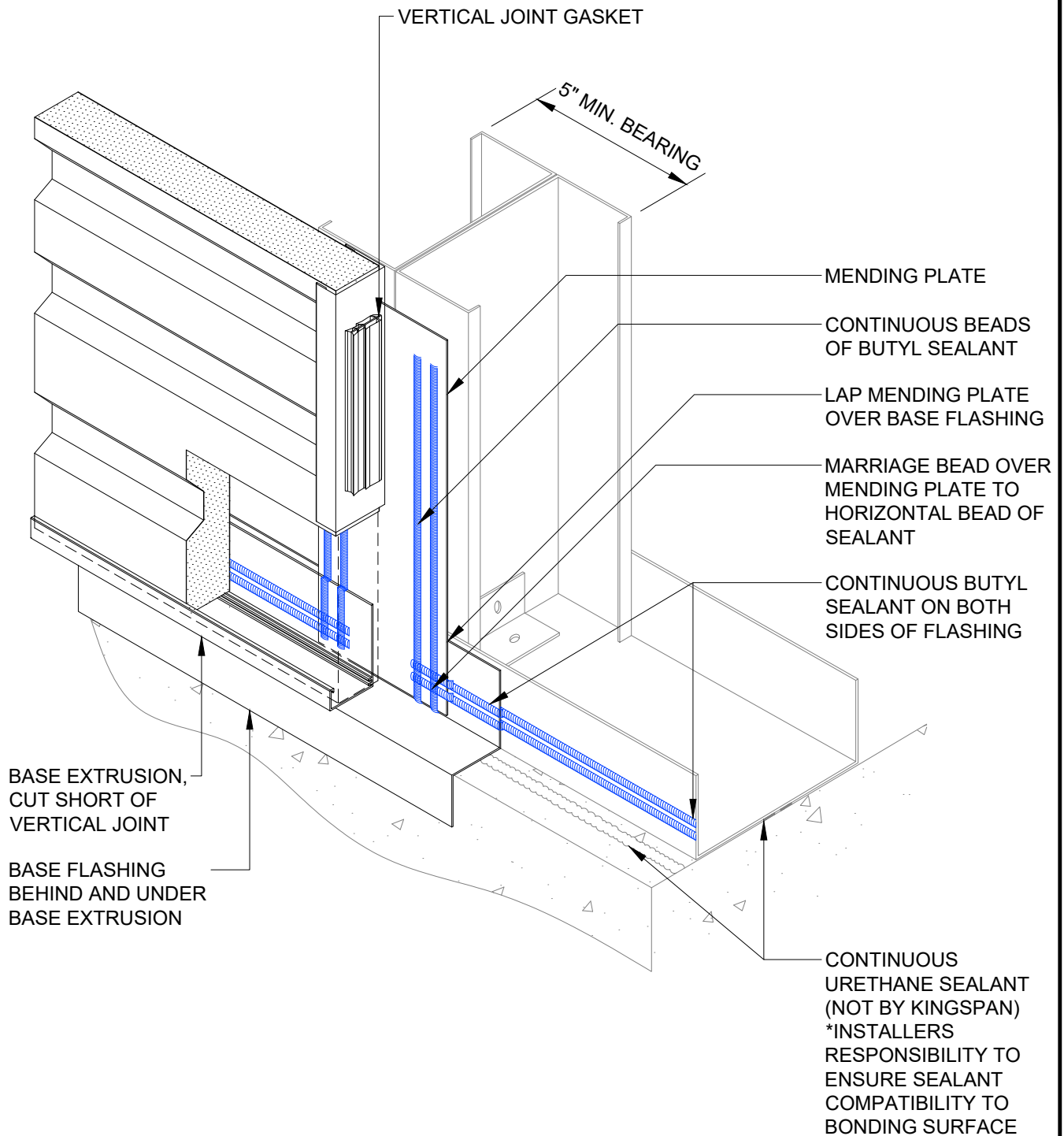
BASE DETAIL
FLUSH W/ CONCEALED
BASE EXTRUSION

DETAIL #: AR-BS-06-DW2RH
RELEASE: 2026
REGION: NORTH AMERICA
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REVISION	
REVISION #	DATE
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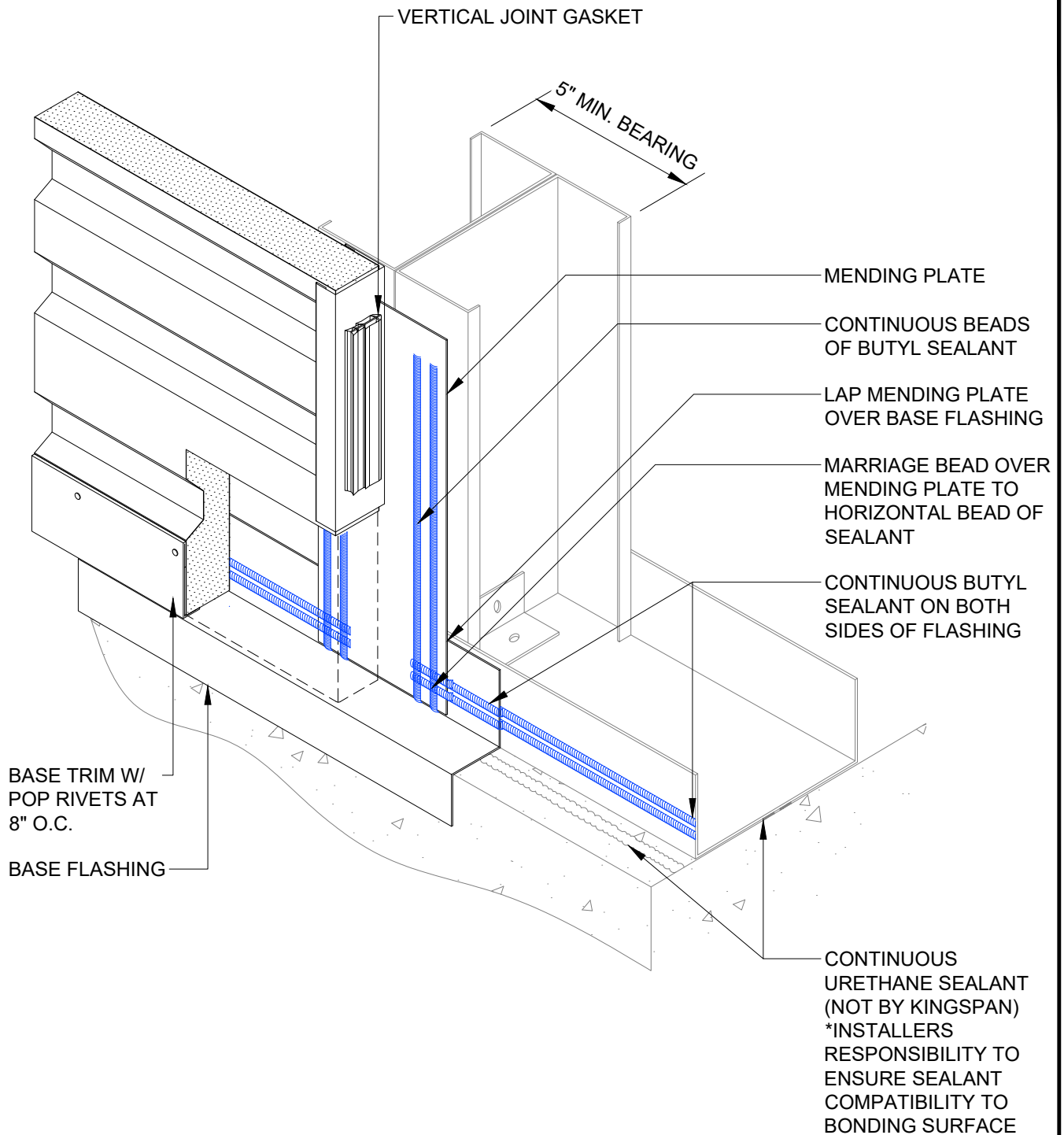
BASE DETAIL
FLUSH W/ EXTRUSION
ISOMETRIC

DETAIL #: AR-BS-07-DW2RH
RELEASE: 2026
REGION: NORTH AMERICA
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DW 2000R - HORIZONTAL INSTALLATION



REVISION	
REVISION #	DATE
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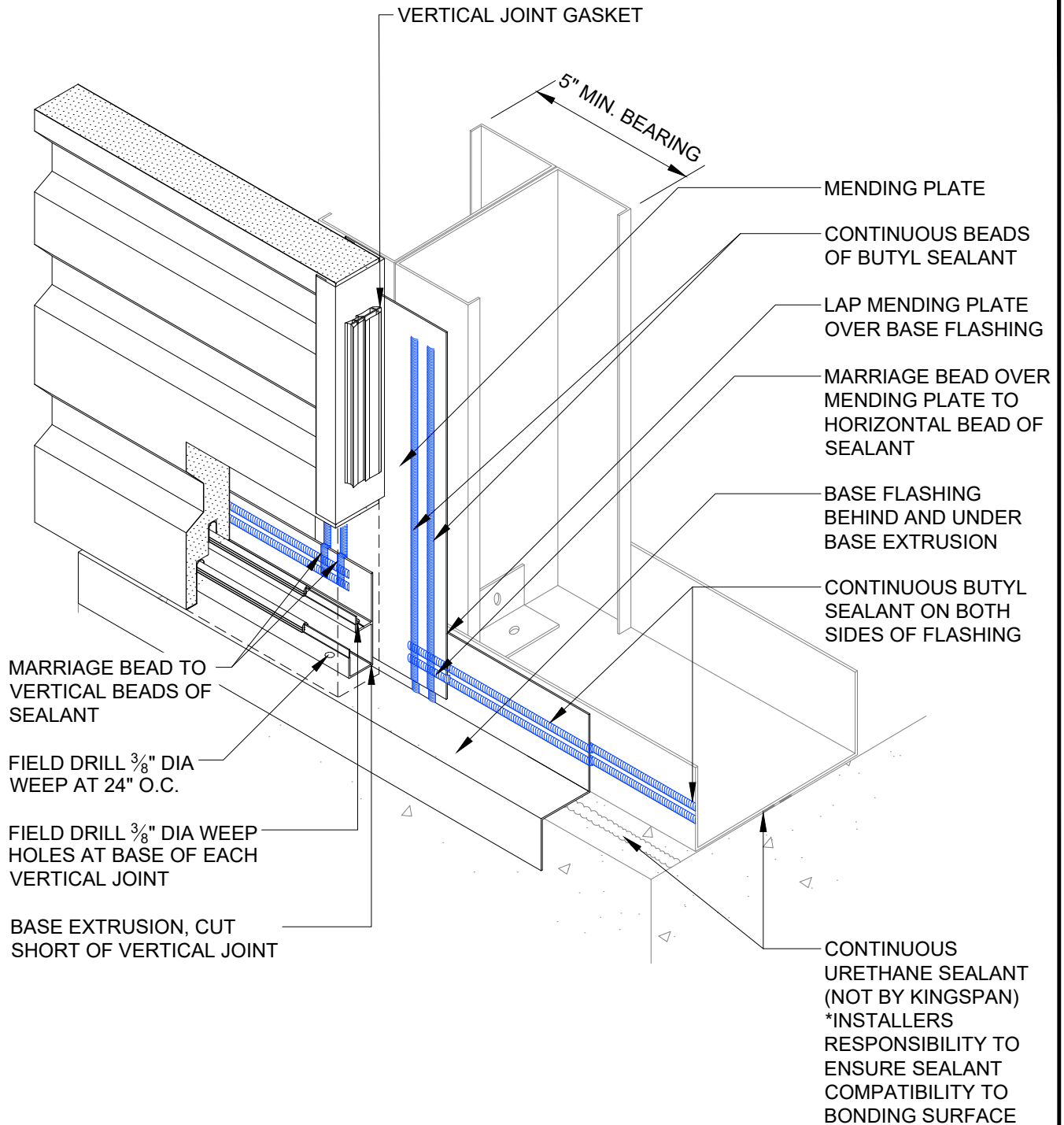
BASE DETAIL
FLUSH W/ TRIM
ISOMETRIC

DETAIL #: AR-BS-08-DW2RH
RELEASE: 2026
REGION: NORTH AMERICA
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DW 2000R - HORIZONTAL INSTALLATION



REVISION	
REVISION #	DATE
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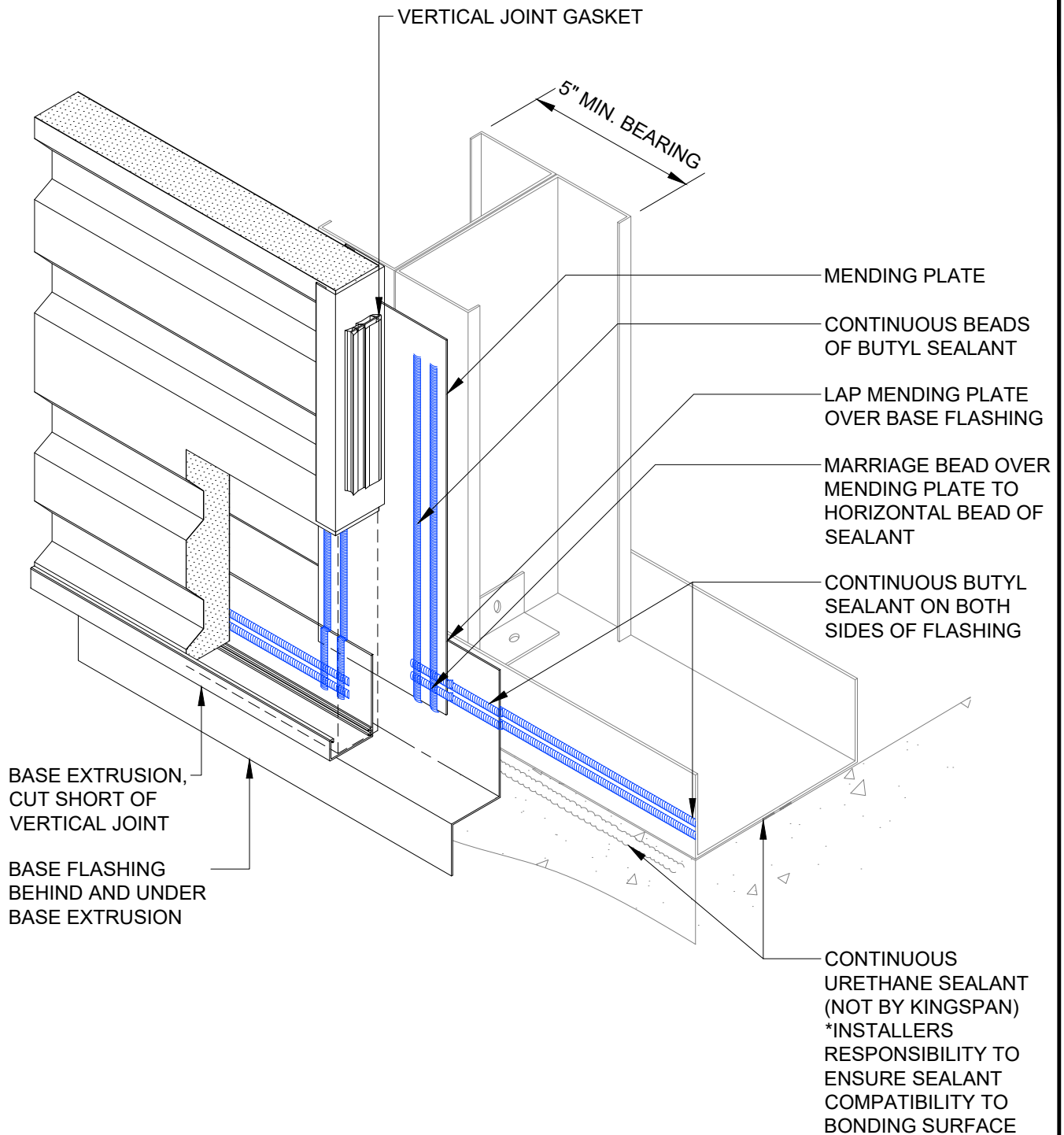
BASE DETAIL
FLUSH W/ CONCEALED BASE EXTRUSION
ISOMETRIC

DETAIL #: AR-BS-09-DW2RH
RELEASE: 2026
REGION: NORTH AMERICA
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DW 2000R - HORIZONTAL INSTALLATION



REVISION	
REVISION #	DATE
2	9/18/26

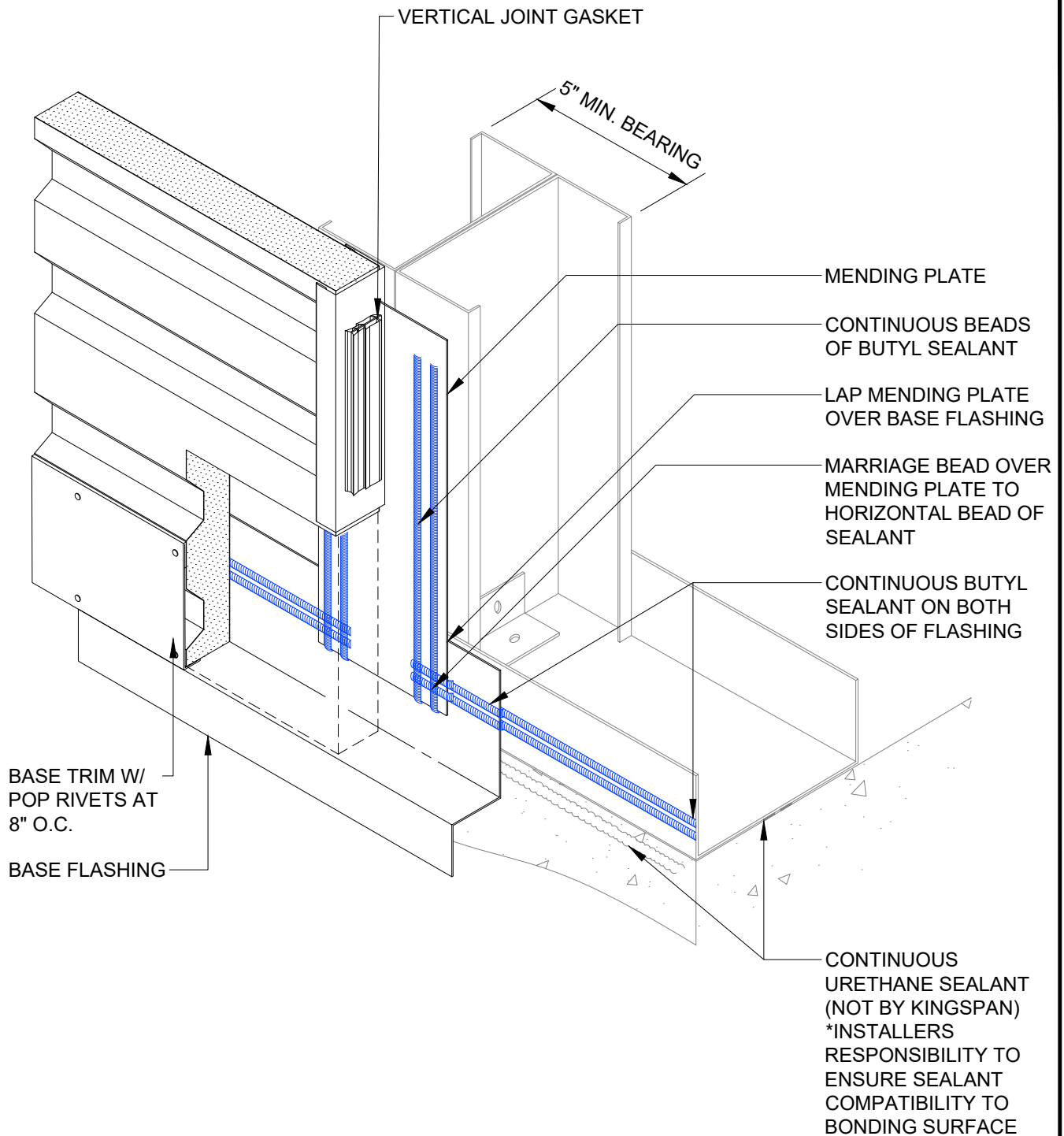
BASE DETAIL
OVERHANG W/ EXTRUSION
ISOMETRIC

DETAIL #: AR-BS-10-DW2RH
RELEASE: 2026
REGION: NORTH AMERICA
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REVISION	
REVISION #	DATE
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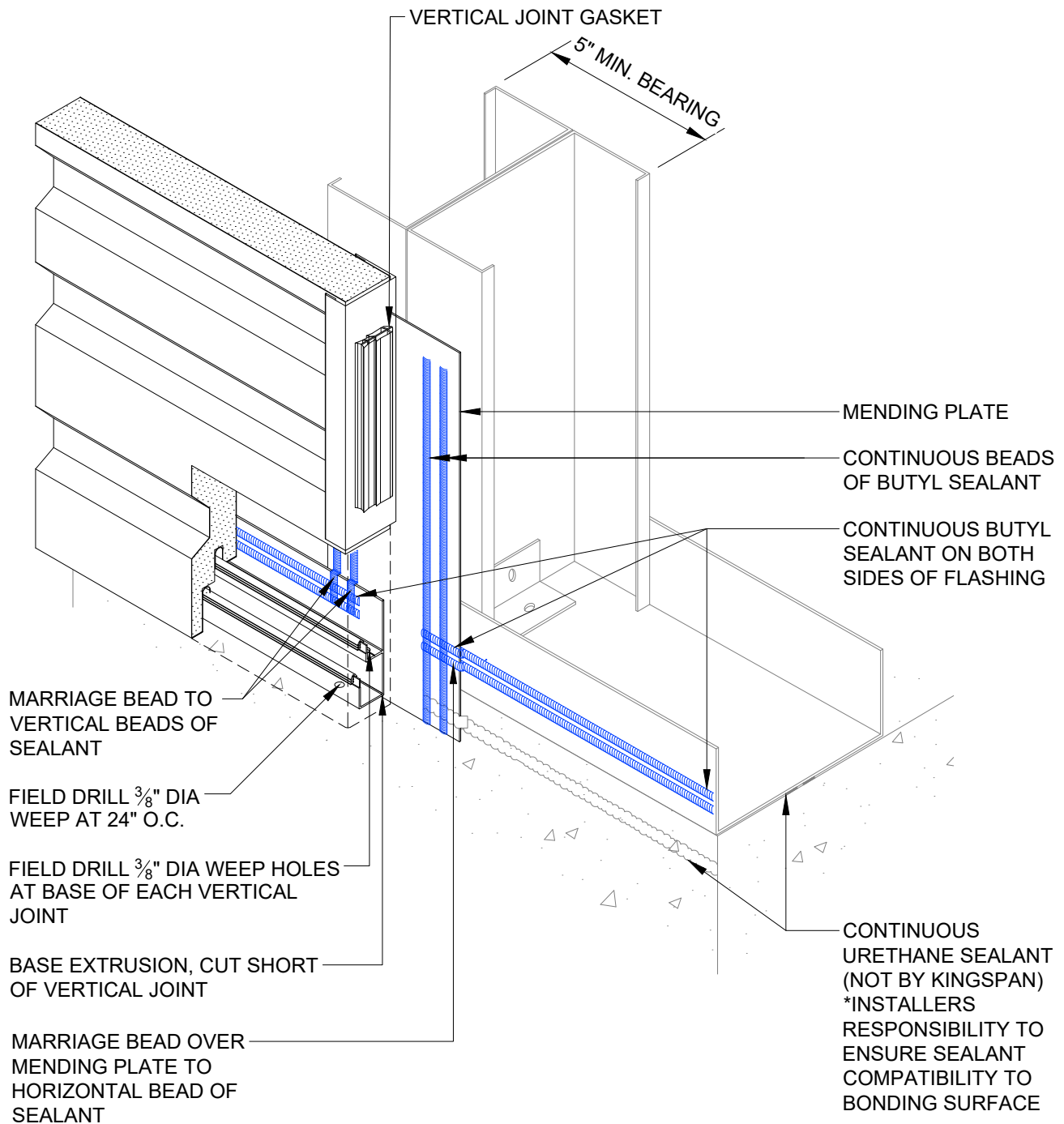
BASE DETAIL
OVERHANG W/ TRIM
ISOMETRIC

DETAIL #: AR-BS-11-DW2RH
RELEASE: 2026
REGION: NORTH AMERICA
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DW 2000R - HORIZONTAL INSTALLATION



REVISION	
REVISION #	DATE
2	9/18/26

BASE DETAIL
OVERHANG W/ CONCEALED BASE EXTRUSION
ISOMETRIC

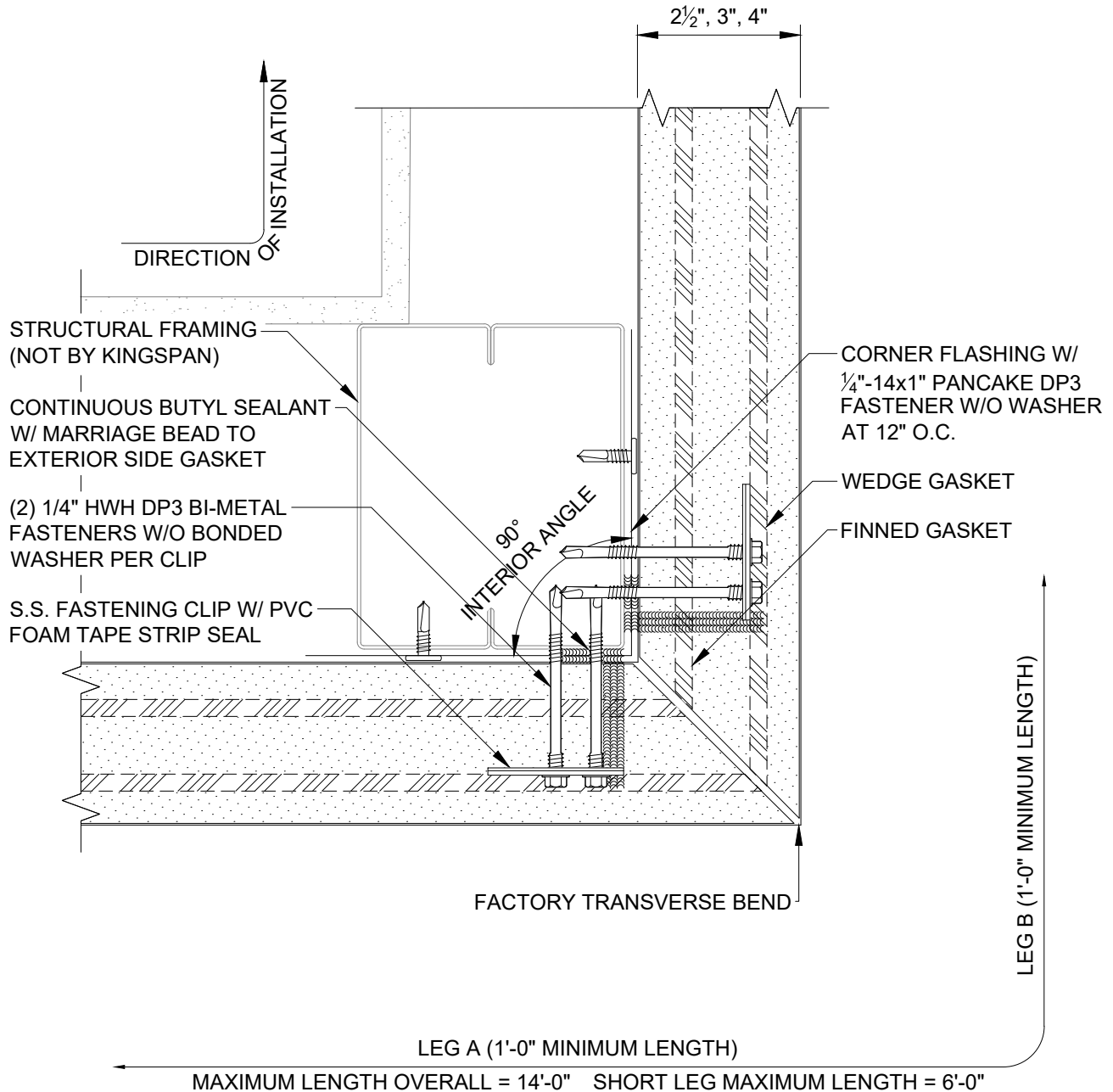
DETAIL #: AR-BS-12-DW2RH
RELEASE: 2026
REGION: NORTH AMERICA
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DW 2000R - HORIZONTAL INSTALLATION

NOTE: FASTENER LENGTH VARIES
DEPENDING ON CONDITION



REVISION	
REVISION #	DATE
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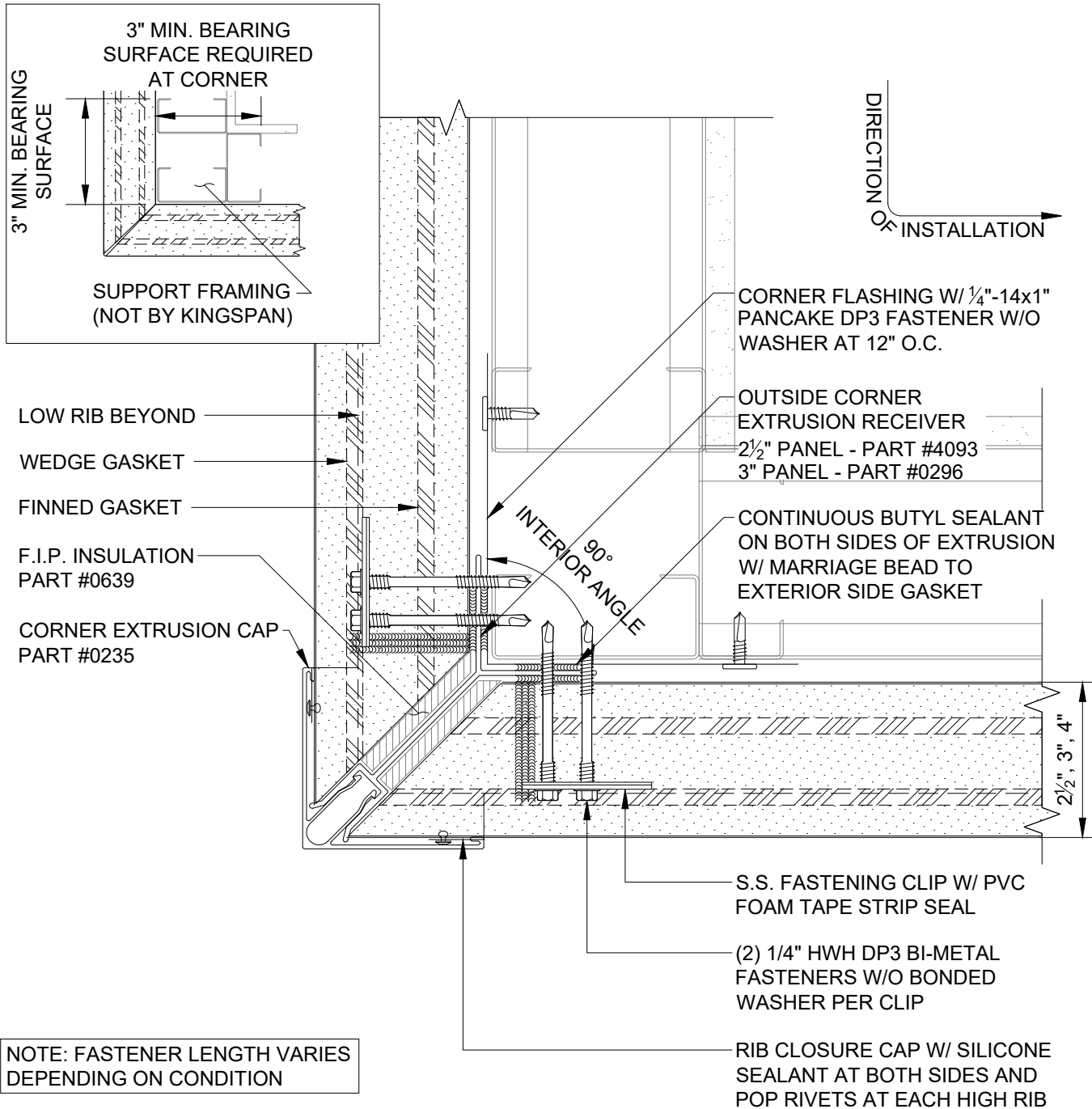
OUTSIDE CORNER
TRANSVERSE BEND

DETAIL #: AR-OC-01-DW2RH
RELEASE: 2026
REGION: NORTH AMERICA
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DW 2000R - HORIZONTAL INSTALLATION



CORNER EXTRUSION PART NUMBERS			
PANEL THICKNESS	2 1/2"	3"	4"
INTERIOR RECEIVER	PART #4093	PART #0296	N/A
3 1/2" X 3 1/2" CORNER CAP	PART #0235		N/A
4" X 4" CORNER CAP	N/A	N/A	N/A
4 1/2" X 4 1/2" CORNER CAP	N/A	N/A	N/A
5" X 5" CORNER CAP	N/A	N/A	N/A
6" X 6" CORNER CAP	N/A	N/A	N/A
7" X 7" CORNER CAP	N/A	N/A	N/A

NOTE: REFER [AR-PJ-17-DW2RH](#) TO [AR-PJ-18-DW2RH](#) FOR RIBBED METAL CLOSURE INSTALLATION

REVISION	
REVISION #	DATE
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OUTSIDE CORNER
W/ EXTRUSION

DETAIL #: AR-OC-02-DW2RH

RELEASE: 2026

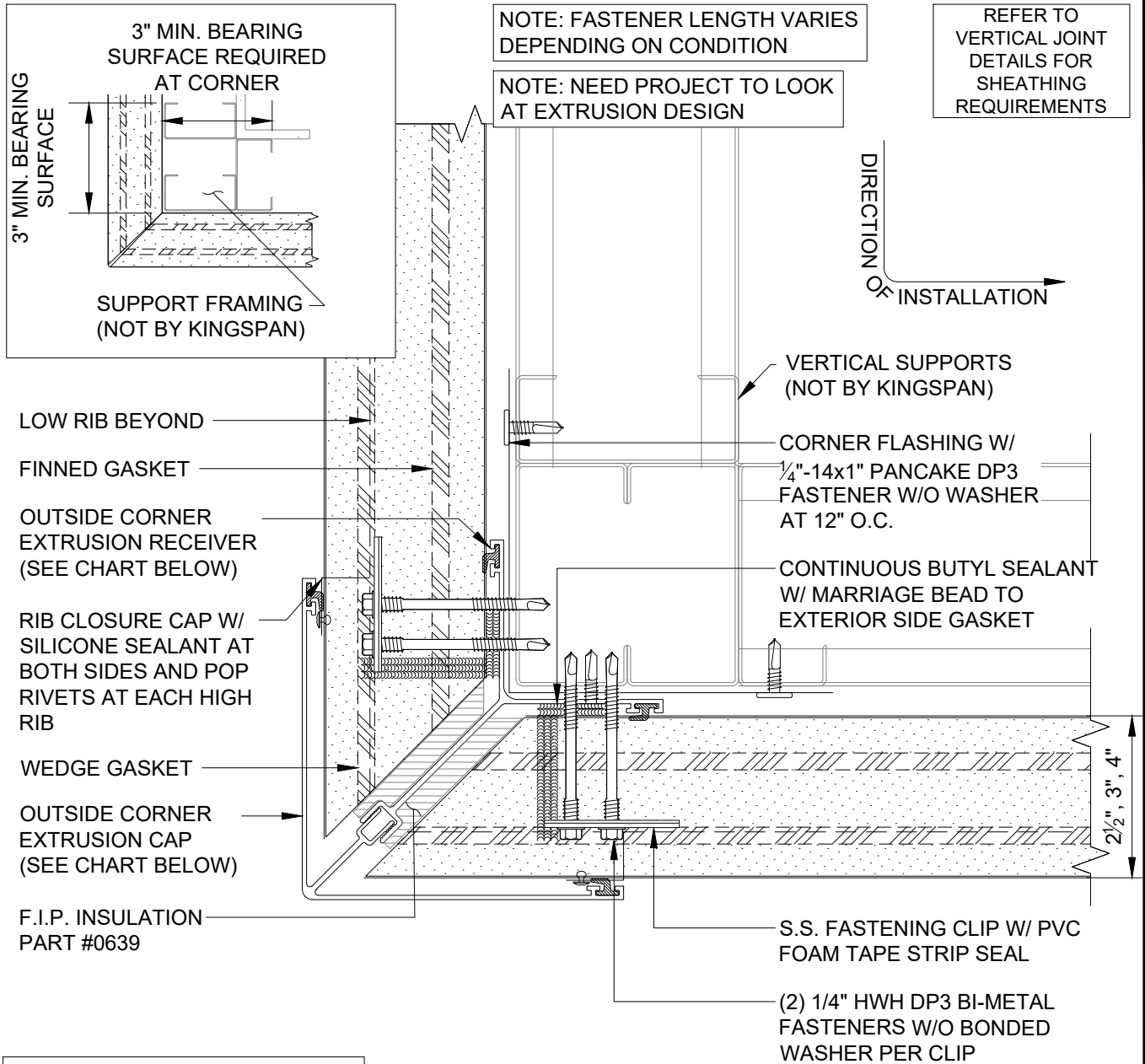
REGION: NORTH AMERICA

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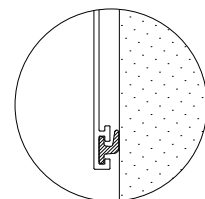
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DW 2000R - HORIZONTAL INSTALLATION



NOTE: REFER [AR-PJ-17-DW2RH](#) TO [AR-PJ-18-DW2RH](#) FOR RIBBED METAL CLOSURE INSTALLATION

CORNER EXTRUSION PART NUMBERS			
PANEL THICKNESS	2 1/2"	3"	4"
INTERIOR RECEIVER	PART #3999	PART #4000	PART #4001
3" X 3" CORNER CAP		PART #4083	
4" X 4" CORNER CAP		PART #4042	
4 1/2" X 4 1/2" CORNER CAP		PART #4072	
5" X 5" CORNER CAP		PART #4043	
6" X 6" CORNER CAP		PART #4044	
7" X 7" CORNER CAP		PART #14154	



WIPER GASKET (FIELD INSTALLED)

REVISION	
REVISION #	DATE
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**OUTSIDE CORNER
W/ KS EXTRUSION**

DETAIL #: AR-OC-03-DW2RH

RELEASE: 2026

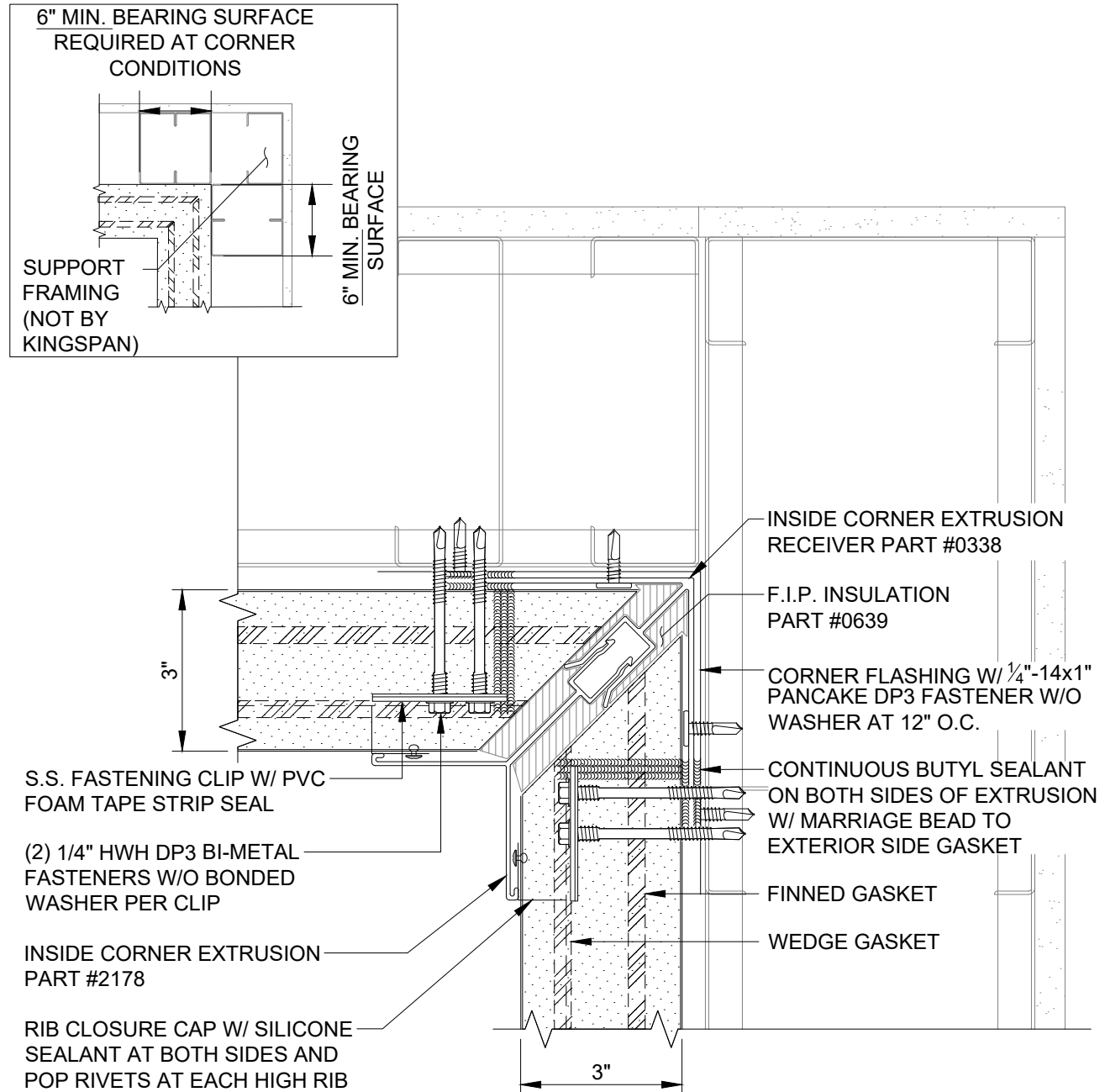
REGION: NORTH AMERICA

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DW 2000R - HORIZONTAL INSTALLATION



NOTE: FASTENER LENGTH VARIES DEPENDING ON CONDITION

CORNER EXTRUSION PART NUMBERS			
PANEL THICKNESS	2 1/2"	3"	4"
INTERIOR RECEIVER	N/A	PART #2178	N/A
4" X 4" CORNER CAP	N/A	PART #0338	N/A
4 1/2" X 4 1/2" CORNER CAP	N/A	N/A	N/A
5" X 5" CORNER CAP	N/A	N/A	N/A
6" X 6" CORNER CAP	N/A	N/A	N/A
7" X 7" CORNER CAP	N/A	N/A	N/A

NOTE: REFER [AR-PJ-17-DW2RH](#) TO [AR-PJ-18-DW2RH](#) FOR RIBBED METAL CLOSURE INSTALLATION

REVISION	
REVISION #	DATE
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INSIDE CORNER
W/ EXTRUSION

DETAIL #: AR-IC-01-DW2RH

RELEASE: 2026

REGION: NORTH AMERICA

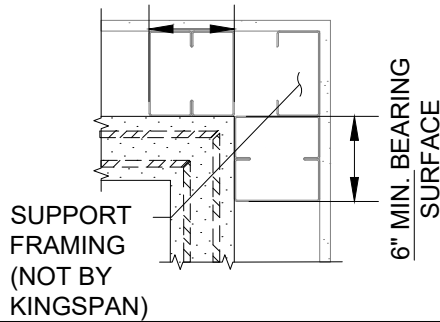
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DW 2000R - HORIZONTAL INSTALLATION

6" MIN. BEARING SURFACE
REQUIRED AT CORNER
CONDITIONS



NOTE: FASTENER LENGTH VARIES
DEPENDING ON CONDITION

NOTE: NEED PROJECT TO LOOK
AT EXTRUSION DESIGN

REFER TO
VERTICAL JOINT
DETAILS FOR
SHEATHING
REQUIREMENTS

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

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

INSIDE CORNER EXTRUSION
RECEIVER (SEE CHART BELOW)

RIB CLOSURE CAP W/ SILICONE
SEALANT AT BOTH SIDES AND
POP RIVETS AT EACH HIGH RIB

VERTICAL SUPPORTS
(NOT BY KINGSPAN)

INSIDE CORNER EXTRUSION CAP
(SEE CHART BELOW)

F.I.P. INSULATION
PART #0639

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

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

FINNED GASKET

WEDGE GASKET

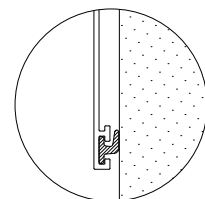
LOW RIB BEYOND

2 1/2", 3", 4"

NOTE: REFER [AR-PJ-17-DW2RH](#)
TO [AR-PJ-18-DW2RH](#) FOR RIBBED
METAL CLOSURE INSTALLATION

CORNER EXTRUSION PART NUMBERS

PANEL THICKNESS	2 1/2"	3"	4"
INTERIOR RECEIVER	PART #3999	PART #4000	PART #4001
3" X 3" CORNER CAP		PART #4083	
4" X 4" CORNER CAP		PART #4042	
4 1/2" X 4 1/2" CORNER CAP		PART #4072	
5" X 5" CORNER CAP		PART #4043	
6" X 6" CORNER CAP		PART #4044	
7" X 7" CORNER CAP		PART #14154	



WIPER GASKET
(FIELD INSTALLED)

REVISION

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INSIDE CORNER
W/ KS EXTRUSION

DETAIL #: AR-IC-02-DW2RH

RELEASE: 2026

REGION: NORTH AMERICA

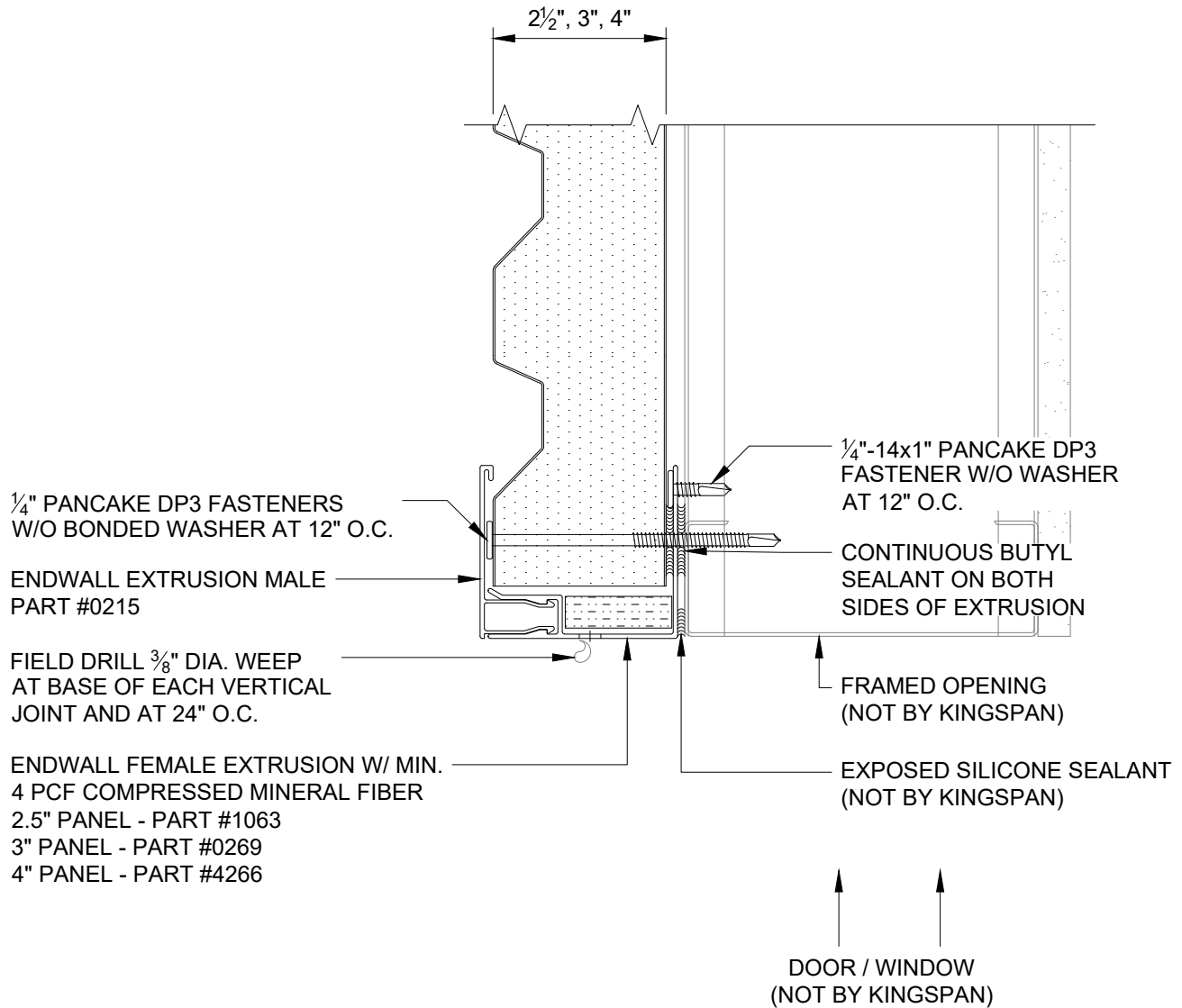
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DW 2000R - HORIZONTAL INSTALLATION

NOTE: FASTENER LENGTH VARIES
DEPENDING ON CONDITION



NOTE: SEE DETAILS [AR-FO-04-DW2RH](#)
/ [AR-FO-05-DW2RH](#) FOR TYPICAL
EXTRUSION LAP INSTRUCTIONS

REVISION	
REVISION #	DATE
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FRAMED OPENING HEAD
W/ EXTRUSION

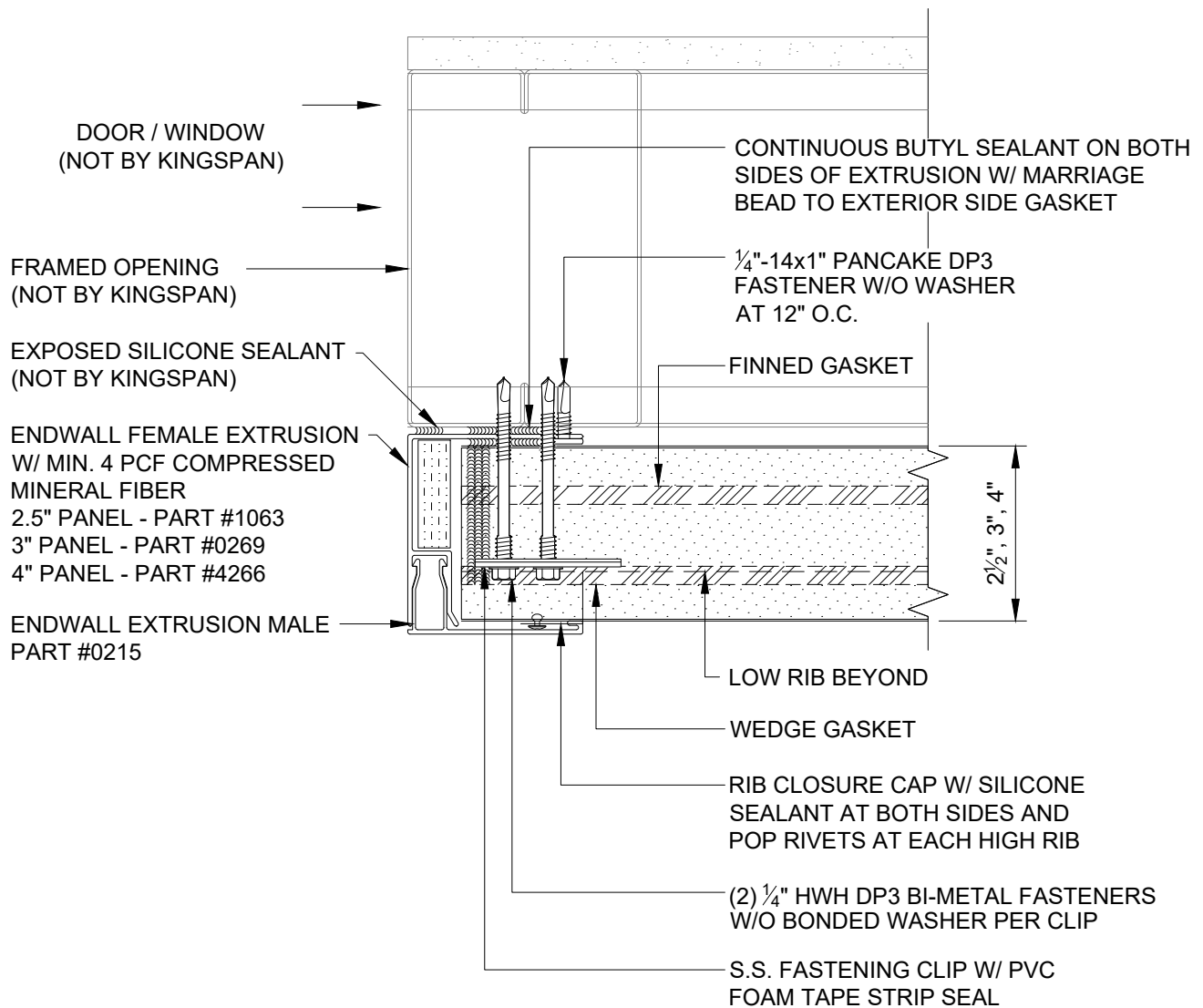
DETAIL #: AR-FO-01-DW2RH
RELEASE: 2026
REGION: NORTH AMERICA
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DW 2000R - HORIZONTAL INSTALLATION

NOTE: FASTENER LENGTH VARIES
DEPENDING ON CONDITION



NOTE: REFER [AR-PJ-17-DW2RH](#)
TO [AR-PJ-18-DW2RH](#) FOR RIBBED
METAL CLOSURE INSTALLATION

NOTE: SEE DETAILS [AR-FO-04-DW2RH](#)
/ [AR-FO-05-DW2RH](#) FOR TYPICAL
EXTRUSION LAP INSTRUCTIONS

REVISION	
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FRAMED OPENING JAMB
W/ EXTRUSION

DETAIL #: AR-FO-02-DW2RH

RELEASE: 2026

REGION: NORTH AMERICA

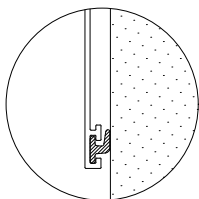
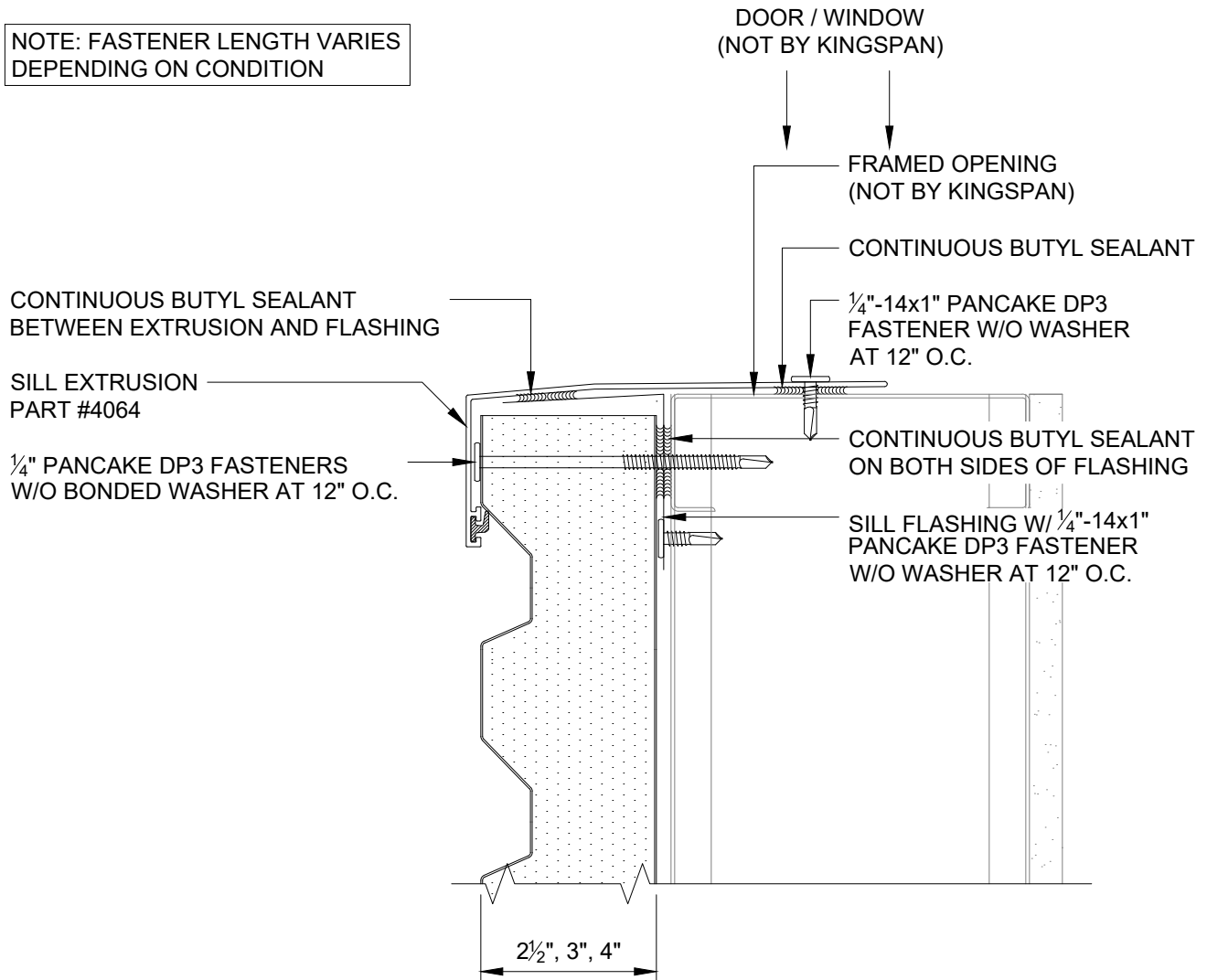
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DW 2000R - HORIZONTAL INSTALLATION

NOTE: FASTENER LENGTH VARIES
DEPENDING ON CONDITION



WIPER GASKET
(FIELD INSTALLED)

NOTE: SEE DETAILS [AR-FO-04-DW2RH](#)
/ [AR-FO-05-DW2RH](#) FOR TYPICAL
EXTRUSION LAP INSTRUCTIONS

REVISION	
REVISION #	DATE
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FRAMED OPENING SILL
W/ EXTRUSION

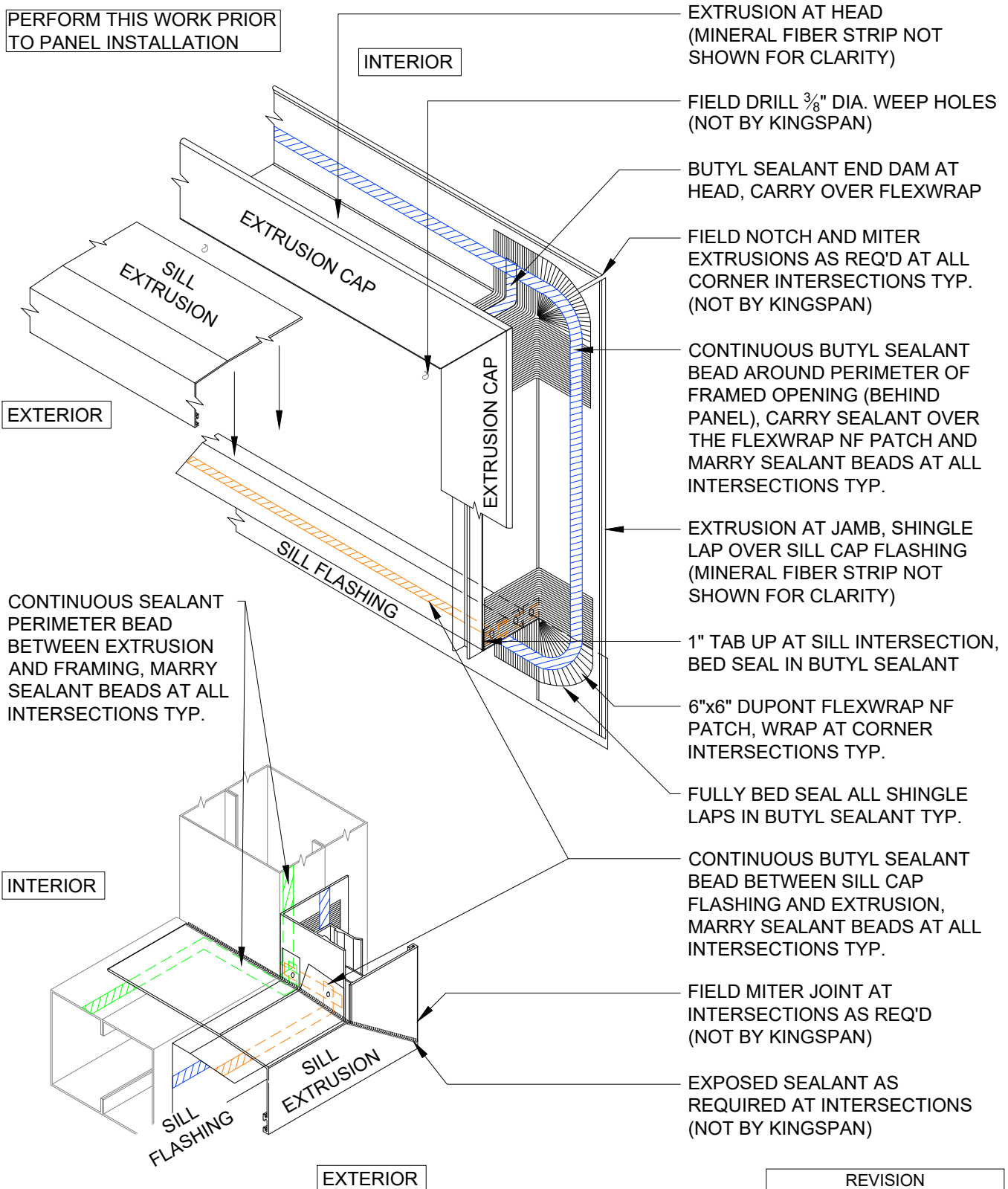
DETAIL #: AR-FO-03-DW2RH
RELEASE: 2026
REGION: NORTH AMERICA
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DW 2000R - HORIZONTAL INSTALLATION

PERFORM THIS WORK PRIOR
TO PANEL INSTALLATION



REVISION	
REVISION #	DATE
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FRAMED OPENING LAP
W/ EXTRUSION

DETAIL #: AR-FO-04-DW2RH
RELEASE: 2026
REGION: NORTH AMERICA
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DW 2000R - HORIZONTAL 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"x6" 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)

REVISION

REVISION #	DATE
2	9/18/26

FRAMED OPENING LAP
EXTRUSION INTERSECTION

DETAIL #: AR-FO-05-DW2RH

RELEASE: 2026

REGION: NORTH AMERICA

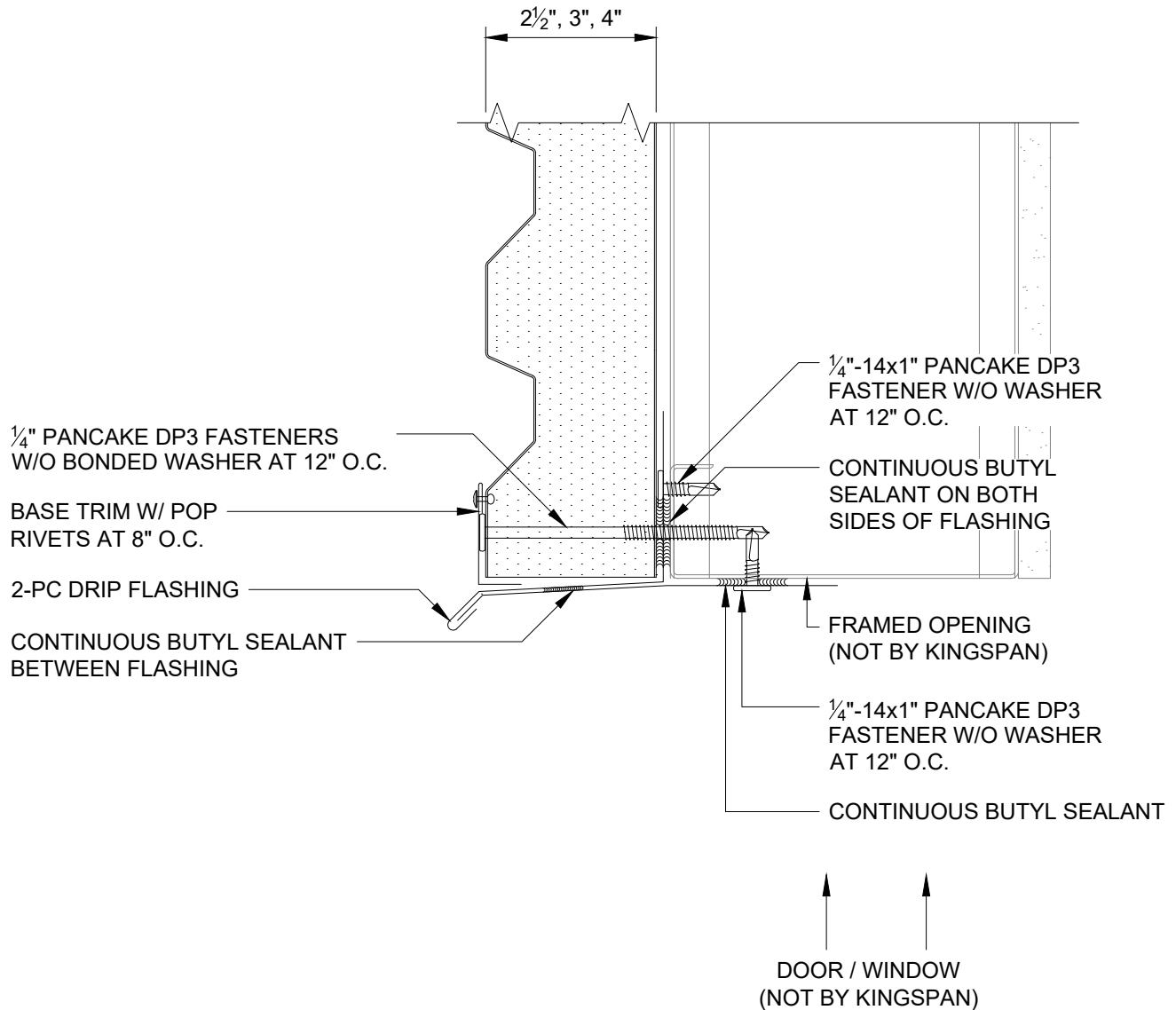
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DW 2000R - HORIZONTAL INSTALLATION

NOTE: FASTENER LENGTH VARIES
DEPENDING ON CONDITION



NOTE: SEE DETAILS
[AR-FO-09-DW2RH](#) FOR TYPICAL
TRIM LAP INSTRUCTIONS

REVISION	
REVISION #	DATE
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FRAMED OPENING HEAD
W/ TRIM

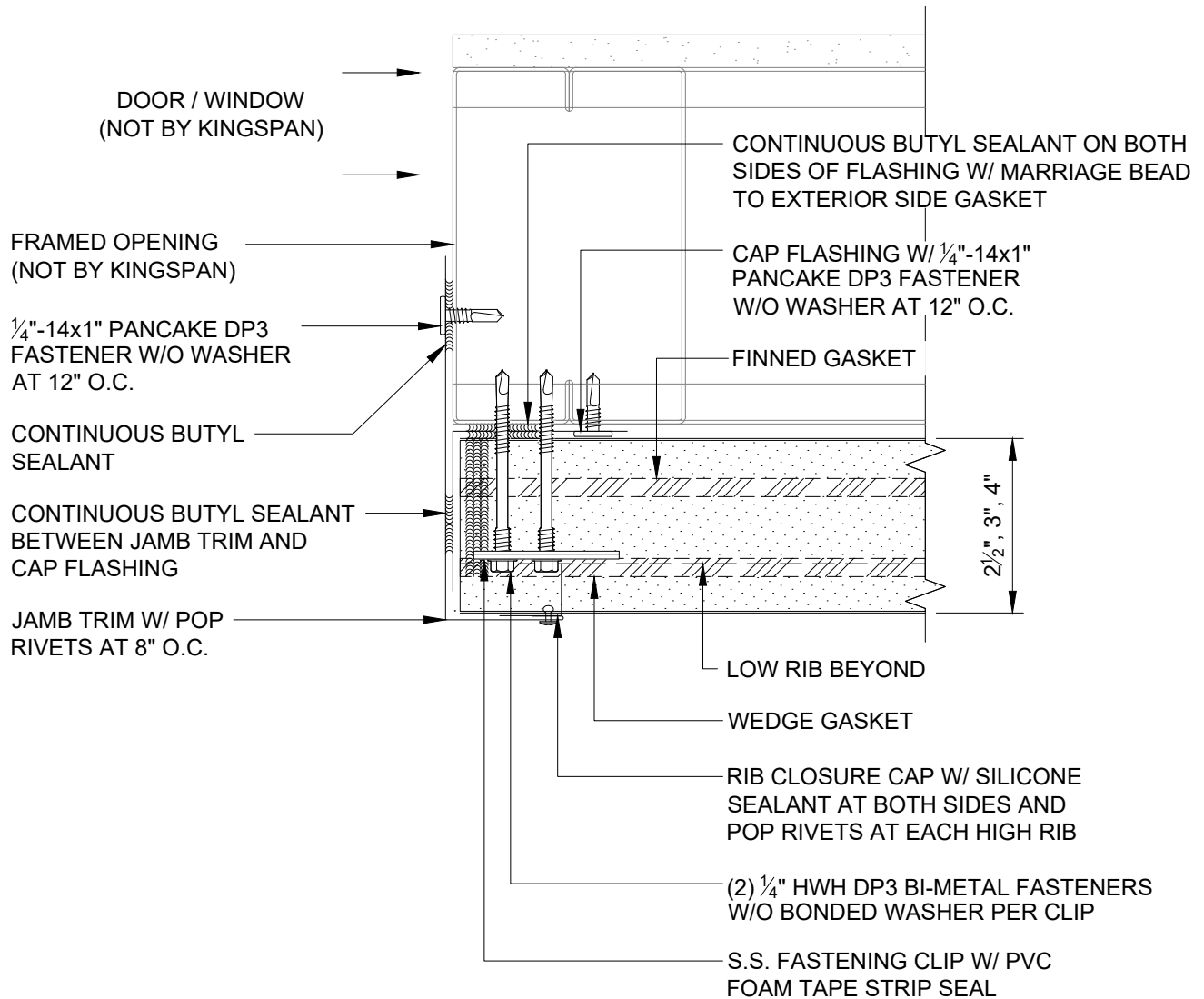
DETAIL #: AR-FO-06-DW2RH
RELEASE: 2026
REGION: NORTH AMERICA
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DW 2000R - HORIZONTAL INSTALLATION

NOTE: FASTENER LENGTH VARIES
DEPENDING ON CONDITION



NOTE: REFER [AR-PJ-17-DW2RH](#)
TO [AR-PJ-18-DW2RH](#) FOR RIBBED
METAL CLOSURE INSTALLATION

NOTE: SEE DETAILS
[AR-FO-09-DW2RH](#) FOR TYPICAL
TRIM LAP INSTRUCTIONS

REVISION	
REVISION #	DATE
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FRAMED OPENING JAMB
W/ TRIM

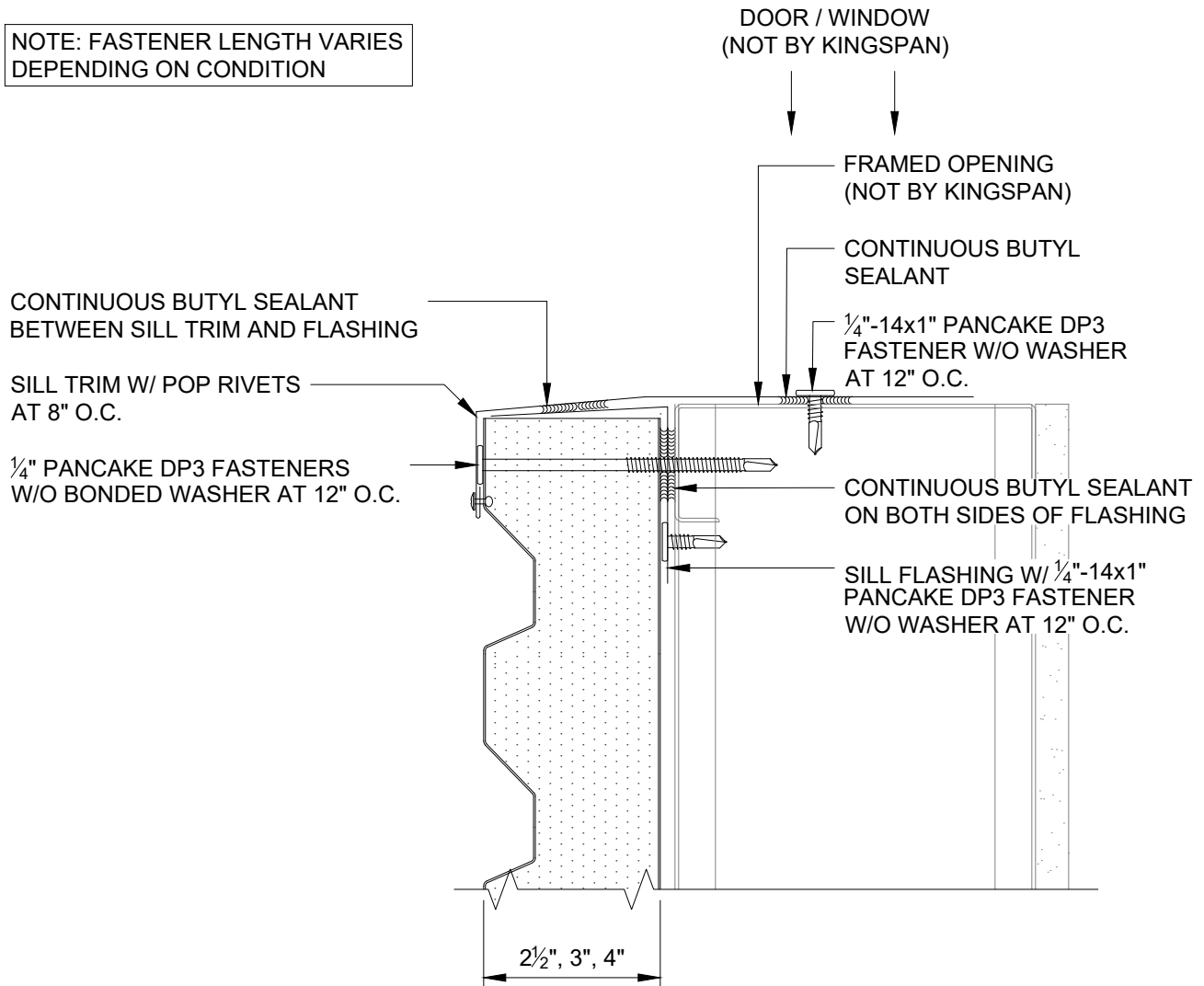
DETAIL #: AR-FO-07-DW2RH
RELEASE: 2026
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DW 2000R - HORIZONTAL INSTALLATION

NOTE: FASTENER LENGTH VARIES
DEPENDING ON CONDITION



NOTE: SEE DETAILS
[AR-FO-09-DW2RH](#) FOR TYPICAL
TRIM LAP INSTRUCTIONS

REVISION	
REVISION #	DATE
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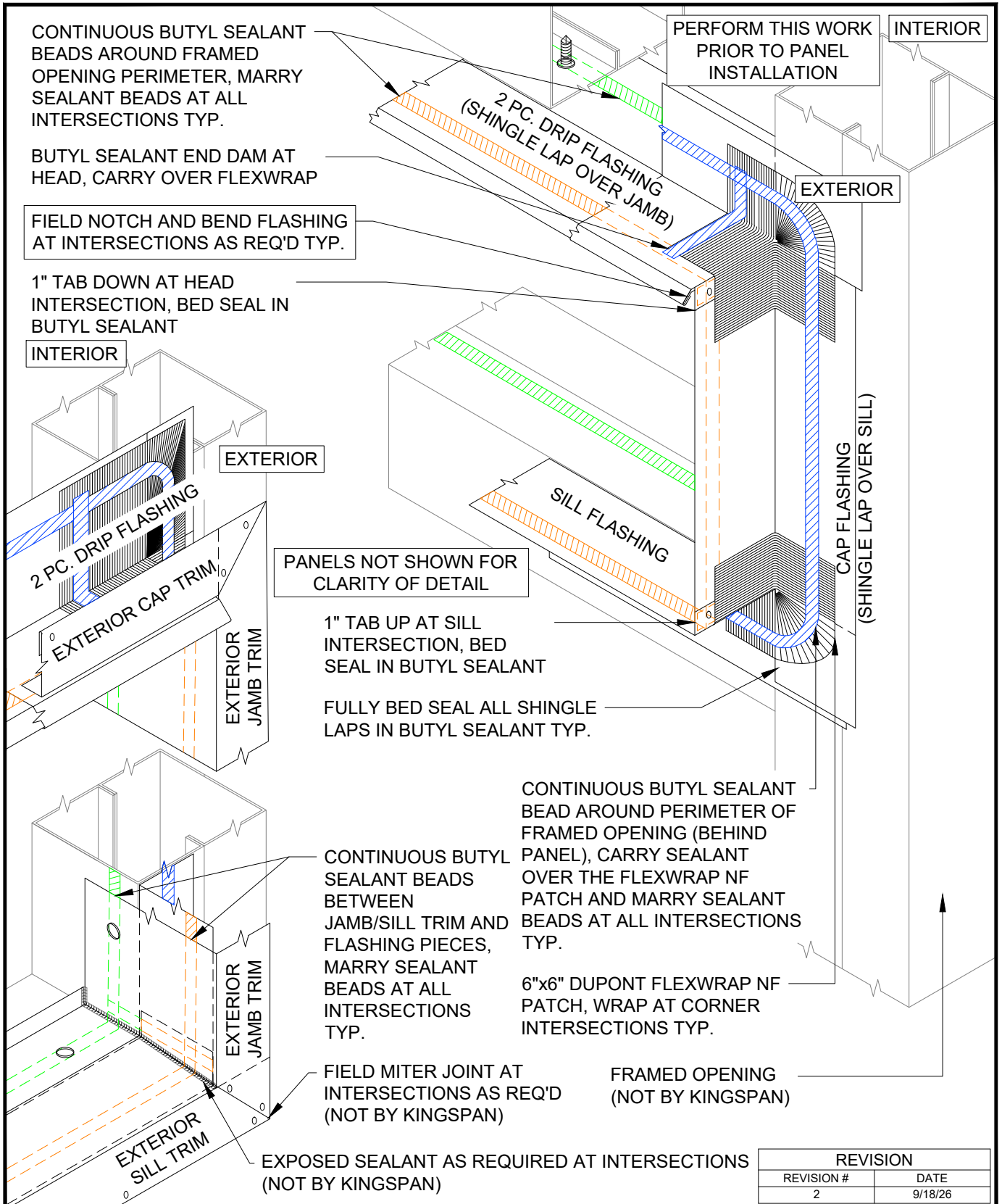
FRAMED OPENING SILL
W/ TRIM

DETAIL #: AR-FO-08-DW2RH
RELEASE: 2026
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DW 2000R - HORIZONTAL INSTALLATION



FRAMED OPENING LAP
W/ TRIM

DETAIL #: AR-FO-09-DW2RH

RELEASE: 2026

REGION: NORTH AMERICA

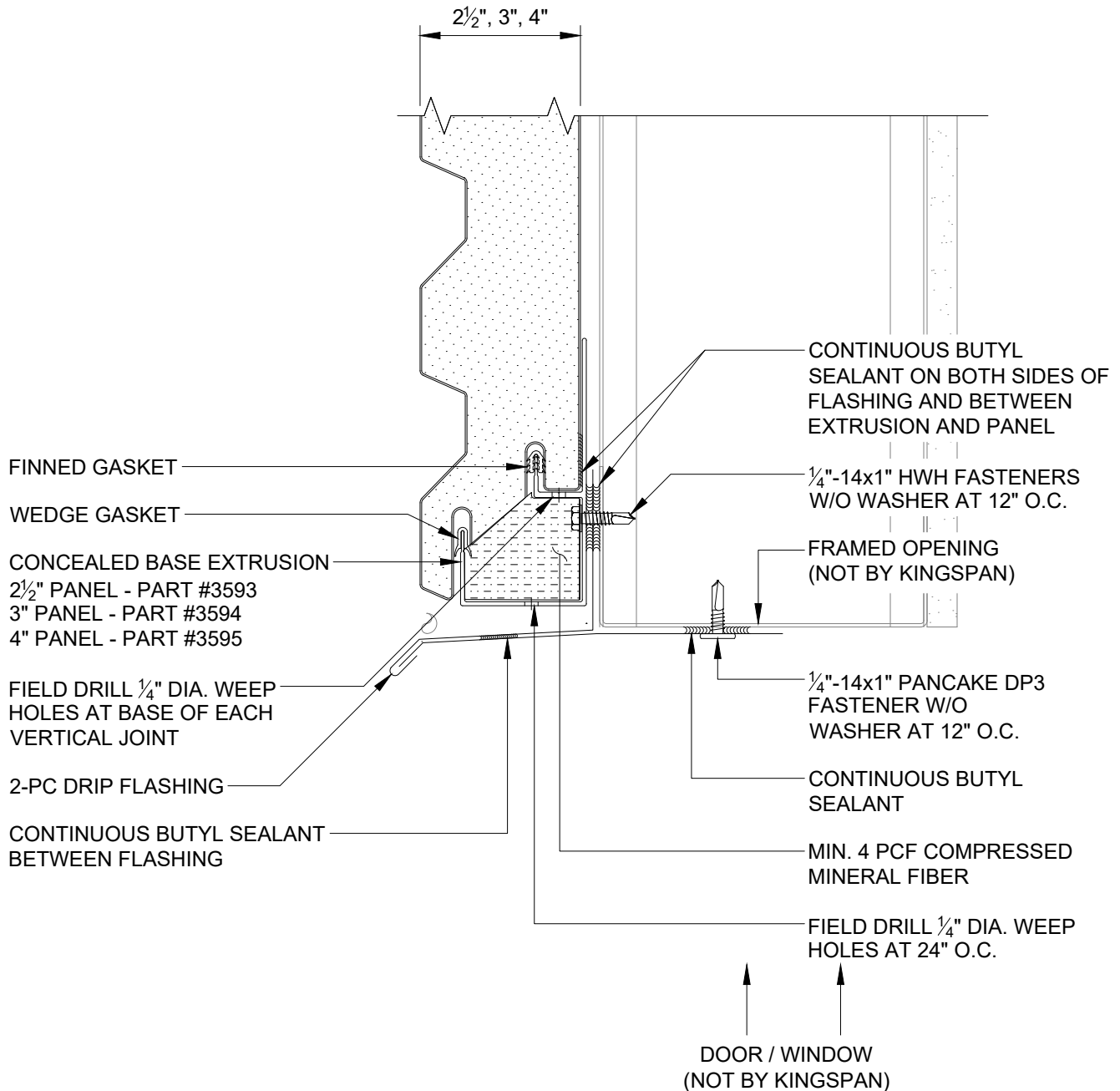
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DW 2000R - HORIZONTAL INSTALLATION

NOTE: FASTENER LENGTH VARIES
DEPENDING ON CONDITION



NOTE: SEE DETAILS
[AR-FO-09-DW2RH](#) FOR TYPICAL
TRIM LAP INSTRUCTIONS

REVISION	
REVISION #	DATE
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FRAMED OPENING HEAD
W/ CONCEALED BASE
EXTRUSION

DETAIL #: AR-FO-10-DW2RH
RELEASE: 2026
REGION: NORTH AMERICA
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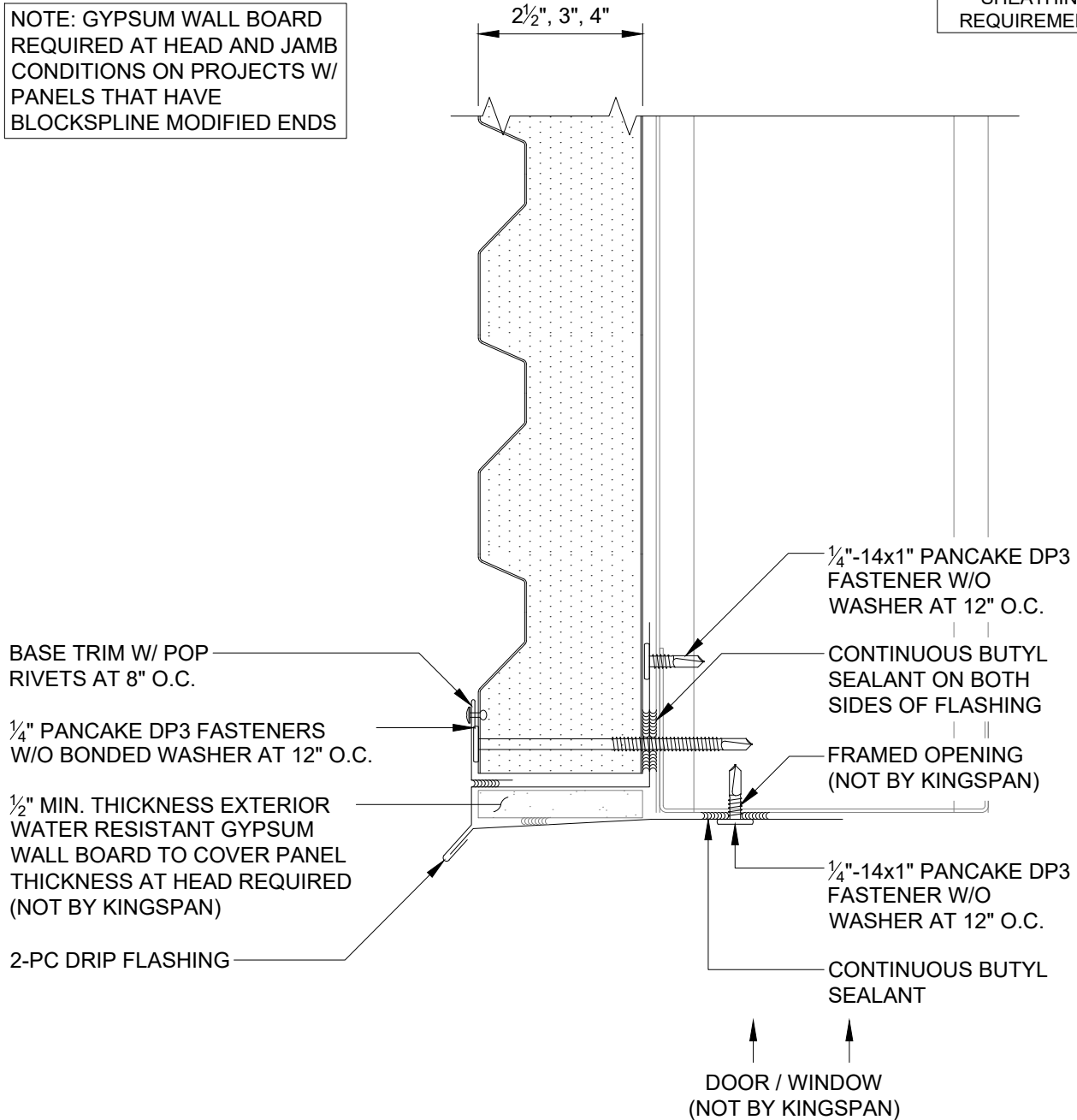
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DW 2000R - HORIZONTAL INSTALLATION

NOTE: FASTENER LENGTH VARIES
DEPENDING ON CONDITION

NOTE: GYPSUM WALL BOARD
REQUIRED AT HEAD AND JAMB
CONDITIONS ON PROJECTS W/
PANELS THAT HAVE
BLOCKSPINE MODIFIED ENDS

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



NFPA 285 COMPLIANCE TABLE

PANEL TYPE	CORE	LEAST PANEL WIDTH	THERMAL BARRIER (WALL)	THERMAL BARRIER (HEAD /JAMB/BUTT JOINT)
DESIGNWALL 2000R (HORIZONTAL)	QUADCORE B	< 24"	THERMAL BARRIER REQUIRED	THERMAL BARRIER REQUIRED
DESIGNWALL 2000R (HORIZONTAL)	QUADCORE B	= 24"	NO THERMAL BARRIER REQUIRED	NO THERMAL BARRIER REQUIRED
DESIGNWALL 2000R BLOCKSPINE	QUADCORE B	= 24"	NO THERMAL BARRIER REQUIRED	THERMAL BARRIER REQUIRED

NOTE: SEE DETAILS
[AR-FO-09-DW2RH](#) FOR TYPICAL
TRIM LAP INSTRUCTIONS

REVISION

REVISION #	DATE
2	9/18/26

FRAMED OPENING HEAD
W/ BLOCKSPINE

DETAIL #: AR-FO-11-DW2RH

RELEASE: 2026

REGION: NORTH AMERICA

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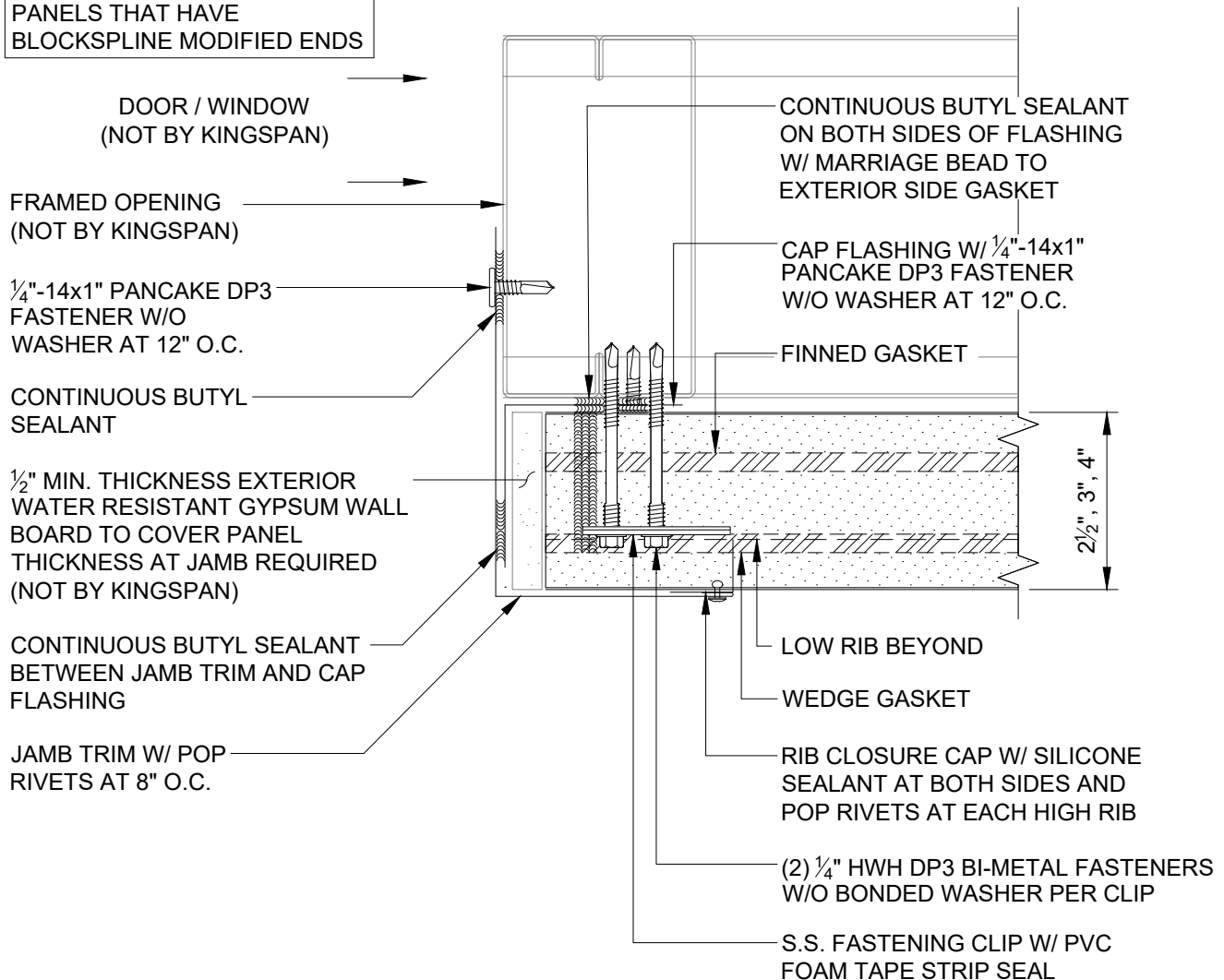
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DW 2000R - HORIZONTAL INSTALLATION

NOTE: FASTENER LENGTH VARIES DEPENDING ON CONDITION

NOTE: GYPSUM WALL BOARD REQUIRED AT HEAD AND JAMB CONDITIONS ON PROJECTS W/ PANELS THAT HAVE BLOCKSPINE MODIFIED ENDS

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



NOTE: REFER [AR-PJ-17-DW2RH](#) TO [AR-PJ-18-DW2RH](#) FOR RIBBED METAL CLOSURE INSTALLATION

NOTE: SEE DETAILS [AR-FO-09-DW2RH](#) FOR TYPICAL TRIM LAP INSTRUCTIONS

NFPA 285 COMPLIANCE TABLE				
PANEL TYPE	CORE	LEAST PANEL WIDTH	THERMAL BARRIER (WALL)	THERMAL BARRIER (HEAD /JAMB/BUTT JOINT)
DESIGNWALL 2000R (HORIZONTAL)	QUADCORE B	< 24"	THERMAL BARRIER REQUIRED	THERMAL BARRIER REQUIRED
DESIGNWALL 2000R (HORIZONTAL)	QUADCORE B	= 24"	NO THERMAL BARRIER REQUIRED	NO THERMAL BARRIER REQUIRED
DESIGNWALL 2000R BLOCKSPINE	QUADCORE B	= 24"	NO THERMAL BARRIER REQUIRED	THERMAL BARRIER REQUIRED

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FRAMED OPENING JAMB
W/ BLOCKSPINE

DETAIL #: AR-FO-12-DW2RH

RELEASE: 2026

REGION: NORTH AMERICA

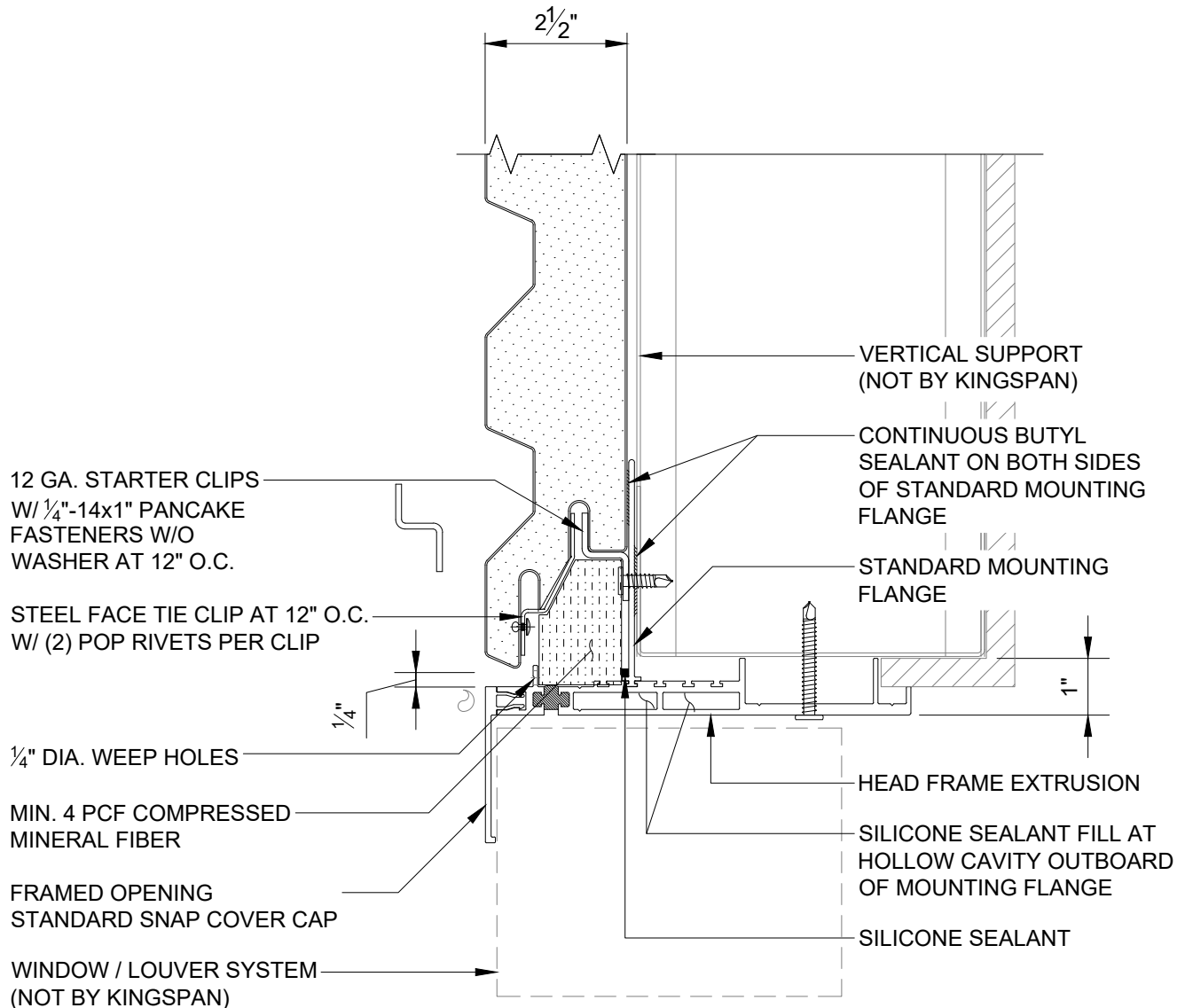
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DW 2000R - HORIZONTAL INSTALLATION

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



NFPA 285 COMPLIANCE TABLE

PANEL TYPE	CORE	LEAST PANEL WIDTH	THERMAL BARRIER (WALL)	THERMAL BARRIER (HEAD /JAMB/BUTT JOINT)
DESIGNWALL 2000R (HORIZONTAL)	QUADCORE B	< 24"	THERMAL BARRIER REQUIRED	THERMAL BARRIER REQUIRED
DESIGNWALL 2000R (HORIZONTAL)	QUADCORE B	= 24"	NO THERMAL BARRIER REQUIRED	NO THERMAL BARRIER REQUIRED
DESIGNWALL 2000R BLOCKSPINE	QUADCORE B	= 24"	NO THERMAL BARRIER REQUIRED	THERMAL BARRIER REQUIRED

REVISION

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HEAD DETAIL
WINDOW / LOUVER OPENING

DETAIL #: AR-FO-13-DW2RH

RELEASE: 2026

REGION: NORTH AMERICA

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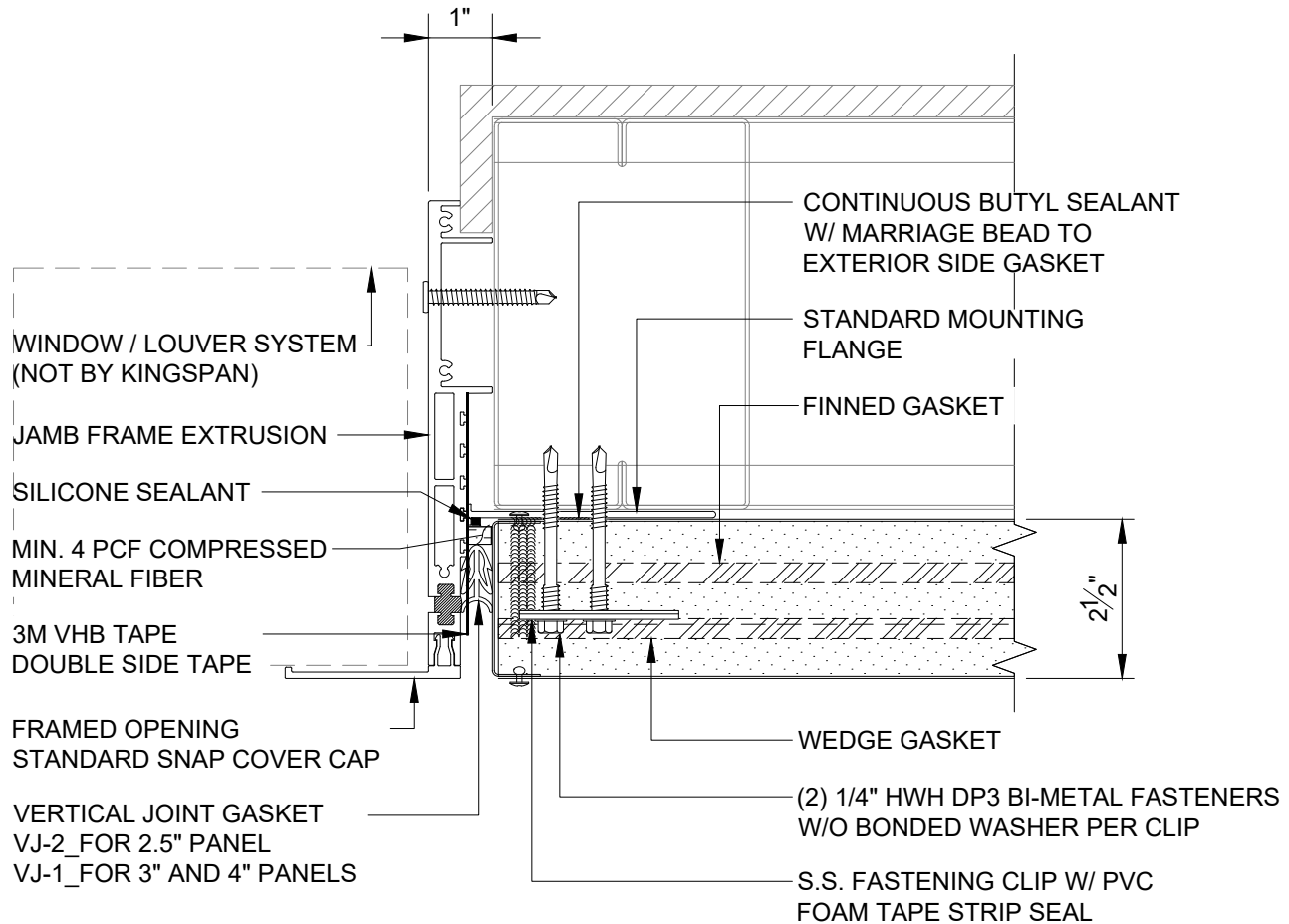


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DW 2000R - HORIZONTAL INSTALLATION

NOTE: FASTENER LENGTH VARIES
DEPENDING ON CONDITION

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



NFPA 285 COMPLIANCE TABLE

PANEL TYPE	CORE	LEAST PANEL WIDTH	THERMAL BARRIER (WALL)	THERMAL BARRIER (HEAD /JAMB/BUTT JOINT)
DESIGNWALL 2000R (HORIZONTAL)	QUADCORE B	< 24"	THERMAL BARRIER REQUIRED	THERMAL BARRIER REQUIRED
DESIGNWALL 2000R (HORIZONTAL)	QUADCORE B	= 24"	NO THERMAL BARRIER REQUIRED	NO THERMAL BARRIER REQUIRED
DESIGNWALL 2000R BLOCKSPINE	QUADCORE B	= 24"	NO THERMAL BARRIER REQUIRED	THERMAL BARRIER REQUIRED

REVISION

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JAMB DETAIL
WINDOW / LOUVER OPENING

DETAIL #: AR-FO-14-DW2RH

RELEASE: 2026

REGION: NORTH AMERICA

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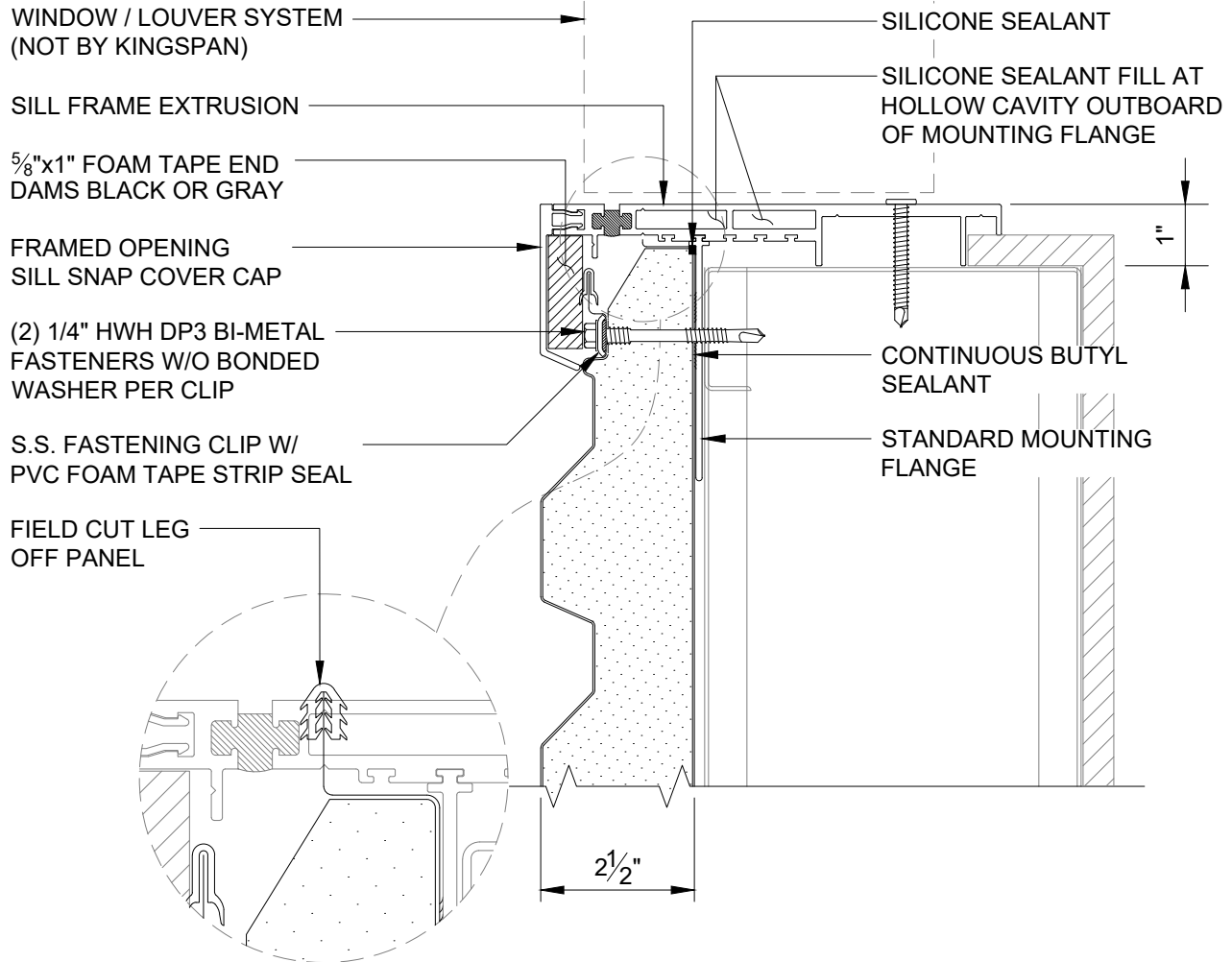


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DW 2000R - HORIZONTAL INSTALLATION

NOTE: FASTENER LENGTH VARIES
DEPENDING ON CONDITION

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



NFPA 285 COMPLIANCE TABLE

PANEL TYPE	CORE	LEAST PANEL WIDTH	THERMAL BARRIER (WALL)	THERMAL BARRIER (HEAD /JAMB/BUTT JOINT)
DESIGNWALL 2000R (HORIZONTAL)	QUADCORE B	< 24"	THERMAL BARRIER REQUIRED	THERMAL BARRIER REQUIRED
DESIGNWALL 2000R (HORIZONTAL)	QUADCORE B	= 24"	NO THERMAL BARRIER REQUIRED	NO THERMAL BARRIER REQUIRED
DESIGNWALL 2000R BLOCKSPINE	QUADCORE B	= 24"	NO THERMAL BARRIER REQUIRED	THERMAL BARRIER REQUIRED

REVISION

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SILL DETAIL
WINDOW / LOUVER OPENING
W/ SILL SNAP CAP

DETAIL #: AR-FO-15-DW2RH

RELEASE: 2026

REGION: NORTH AMERICA

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DW 2000R - HORIZONTAL INSTALLATION

NOTE: FASTENER LENGTH VARIES
DEPENDING ON CONDITION

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

WINDOW / LOUVER SYSTEM
(NOT BY KINGSPAN)

SILL FRAME EXTRUSION

5/8"x1" FOAM TAPE END
DAMS BLACK OR GRAY

FRAMED OPENING
SHORT SNAP COVER CAP

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

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

STEEL Z-CLOSURE
FLASHING

SILICONE SEALANT

SILICONE SEALANT FILL AT
HOLLOW CAVITY OUTBOARD
OF MOUNTING FLANGE

CONTINUOUS BUTYL
SEALANT

STANDARD MOUNTING
FLANGE

2 1/2"

NFPA 285 COMPLIANCE TABLE

PANEL TYPE	CORE	LEAST PANEL WIDTH	THERMAL BARRIER (WALL)	THERMAL BARRIER (HEAD /JAMB/BUTT JOINT)
DESIGNWALL 2000R (HORIZONTAL)	QUADCORE B	< 24"	THERMAL BARRIER REQUIRED	THERMAL BARRIER REQUIRED
DESIGNWALL 2000R (HORIZONTAL)	QUADCORE B	= 24"	NO THERMAL BARRIER REQUIRED	NO THERMAL BARRIER REQUIRED
DESIGNWALL 2000R BLOCKSPINE	QUADCORE B	= 24"	NO THERMAL BARRIER REQUIRED	THERMAL BARRIER REQUIRED

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SILL DETAIL
WINDOW / LOUVER OPENING
W/ EXTENDED SNAP CAP

DETAIL #: AR-FO-16-DW2RH

RELEASE: 2026

REGION: NORTH AMERICA

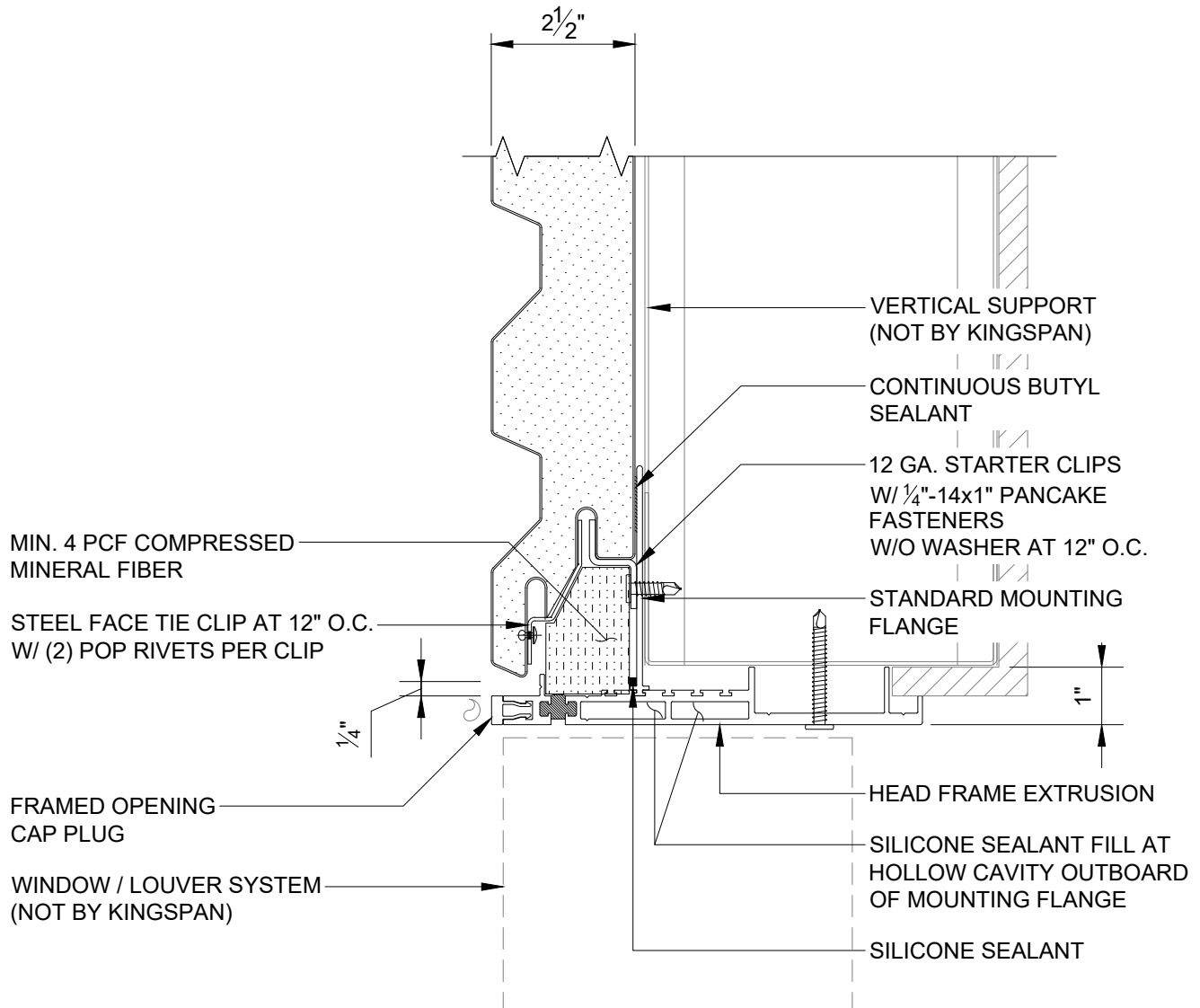
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DW 2000R - HORIZONTAL INSTALLATION

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



NFPA 285 COMPLIANCE TABLE

PANEL TYPE	CORE	LEAST PANEL WIDTH	THERMAL BARRIER (WALL)	THERMAL BARRIER (HEAD /JAMB/BUTT JOINT)
DESIGNWALL 2000R (HORIZONTAL)	QUADCORE B	< 24"	THERMAL BARRIER REQUIRED	THERMAL BARRIER REQUIRED
DESIGNWALL 2000R (HORIZONTAL)	QUADCORE B	= 24"	NO THERMAL BARRIER REQUIRED	NO THERMAL BARRIER REQUIRED
DESIGNWALL 2000R BLOCKSPINE	QUADCORE B	= 24"	NO THERMAL BARRIER REQUIRED	THERMAL BARRIER REQUIRED

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HEAD DETAIL
WINDOW / LOUVER OPENING
W/ REMOVABLE CAP

DETAIL #: AR-FO-17-DW2RH

RELEASE: 2026

REGION: NORTH AMERICA

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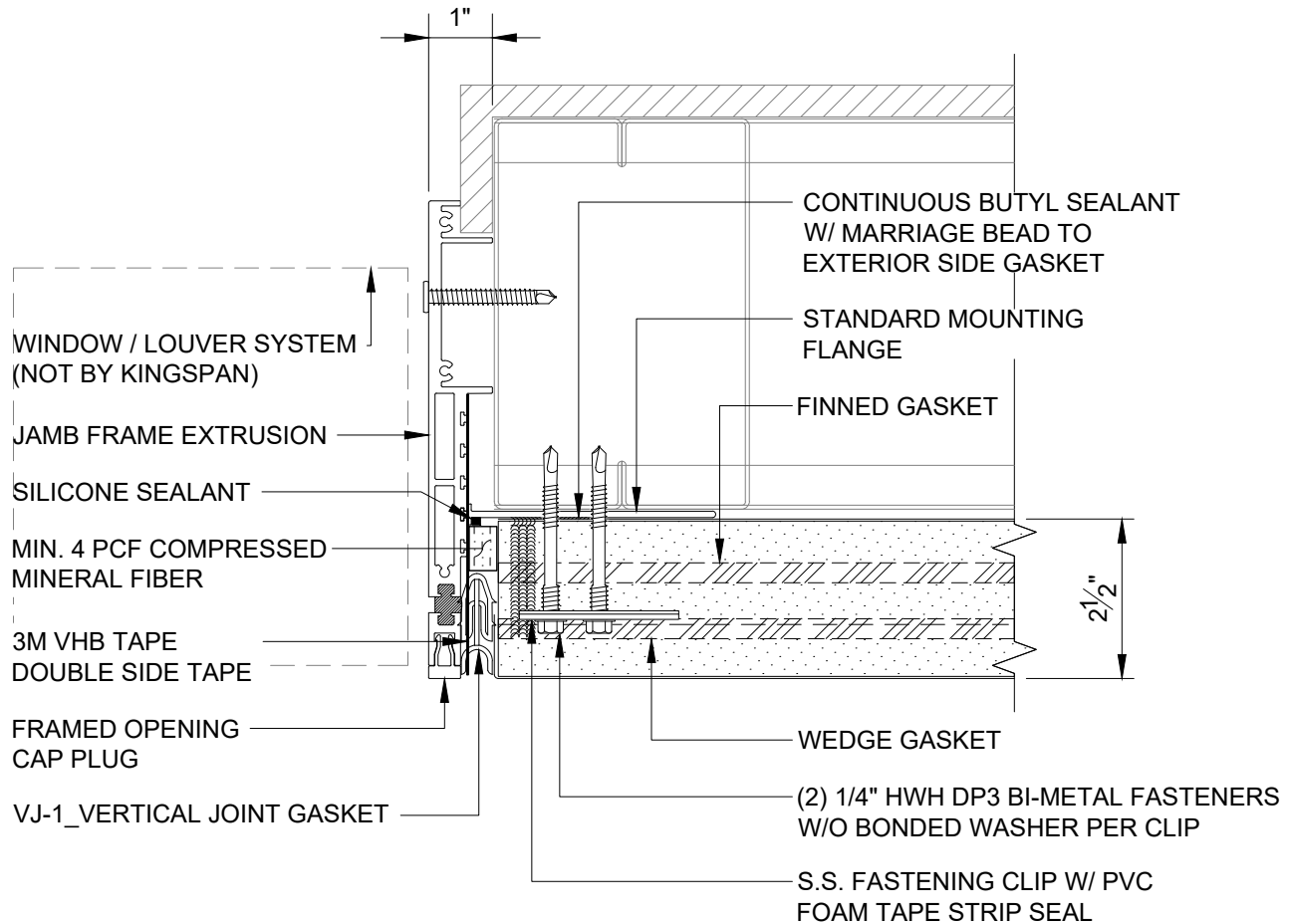


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DW 2000R - HORIZONTAL INSTALLATION

NOTE: FASTENER LENGTH VARIES
DEPENDING ON CONDITION

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



NFPA 285 COMPLIANCE TABLE

PANEL TYPE	CORE	LEAST PANEL WIDTH	THERMAL BARRIER (WALL)	THERMAL BARRIER (HEAD /JAMB/BUTT JOINT)
DESIGNWALL 2000R (HORIZONTAL)	QUADCORE B	< 24"	THERMAL BARRIER REQUIRED	THERMAL BARRIER REQUIRED
DESIGNWALL 2000R (HORIZONTAL)	QUADCORE B	= 24"	NO THERMAL BARRIER REQUIRED	NO THERMAL BARRIER REQUIRED
DESIGNWALL 2000R BLOCKSPINE	QUADCORE B	= 24"	NO THERMAL BARRIER REQUIRED	THERMAL BARRIER REQUIRED

REVISION

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JAMB DETAIL
WINDOW / LOUVER OPENING
W/ REMOVABLE CAP

DETAIL #: AR-FO-18-DW2RH

RELEASE: 2026

REGION: NORTH AMERICA

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DW 2000R - HORIZONTAL INSTALLATION

NOTE: FASTENER LENGTH VARIES
DEPENDING ON CONDITION

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

WINDOW / LOUVER SYSTEM
(NOT BY KINGSPAN)

SILL FRAME EXTRUSION

5/8"x1" FOAM TAPE END
DAMS BLACK OR GRAY

FRAMED OPENING
SILL SNAP COVER CAP

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

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

FIELD CUT LEG
OFF PANEL

SILICONE SEALANT

SILICONE SEALANT FILL AT
HOLLOW CAVITY OUTBOARD
OF MOUNTING FLANGE

CONTINUOUS BUTYL
SEALANT

STANDARD MOUNTING
FLANGE

2 1/2"

NFPA 285 COMPLIANCE TABLE

PANEL TYPE	CORE	LEAST PANEL WIDTH	THERMAL BARRIER (WALL)	THERMAL BARRIER (HEAD /JAMB/BUTT JOINT)
DESIGNWALL 2000R (HORIZONTAL)	QUADCORE B	< 24"	THERMAL BARRIER REQUIRED	THERMAL BARRIER REQUIRED
DESIGNWALL 2000R (HORIZONTAL)	QUADCORE B	= 24"	NO THERMAL BARRIER REQUIRED	NO THERMAL BARRIER REQUIRED
DESIGNWALL 2000R BLOCKSPINE	QUADCORE B	= 24"	NO THERMAL BARRIER REQUIRED	THERMAL BARRIER REQUIRED

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SILL DETAIL

WINDOW / LOUVER OPENING
W/ SILL SNAP CAP
W/ REMOVABLE CAP

DETAIL #: AR-FO-19-DW2RH

RELEASE: 2026

REGION: NORTH AMERICA

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DW 2000R - HORIZONTAL INSTALLATION

NOTE: FASTENER LENGTH VARIES
DEPENDING ON CONDITION

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

WINDOW / LOUVER SYSTEM
(NOT BY KINGSPAN)

SILL FRAME EXTRUSION

5/8"x1" FOAM TAPE END
DAMS BLACK OR GRAY

FRAMED OPENING
SHORT SNAP COVER CAP

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

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

STEEL Z-CLOSURE
FLASHING

SILICONE SEALANT

SILICONE SEALANT FILL AT
HOLLOW CAVITY OUTBOARD
OF MOUNTING FLANGE

CONTINUOUS BUTYL
SEALANT

STANDARD MOUNTING
FLANGE

2 1/2"

NFPA 285 COMPLIANCE TABLE

PANEL TYPE	CORE	LEAST PANEL WIDTH	THERMAL BARRIER (WALL)	THERMAL BARRIER (HEAD /JAMB/BUTT JOINT)
DESIGNWALL 2000R (HORIZONTAL)	QUADCORE B	< 24"	THERMAL BARRIER REQUIRED	THERMAL BARRIER REQUIRED
DESIGNWALL 2000R (HORIZONTAL)	QUADCORE B	= 24"	NO THERMAL BARRIER REQUIRED	NO THERMAL BARRIER REQUIRED
DESIGNWALL 2000R BLOCKSPINE	QUADCORE B	= 24"	NO THERMAL BARRIER REQUIRED	THERMAL BARRIER REQUIRED

REVISION

REVISION #	DATE
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SILL DETAIL
WINDOW / LOUVER OPENING
W/ EXTENDED SNAP CAP
W/ REMOVABLE CAP

DETAIL #: AR-FO-20-DW2RH

RELEASE: 2026

REGION: NORTH AMERICA

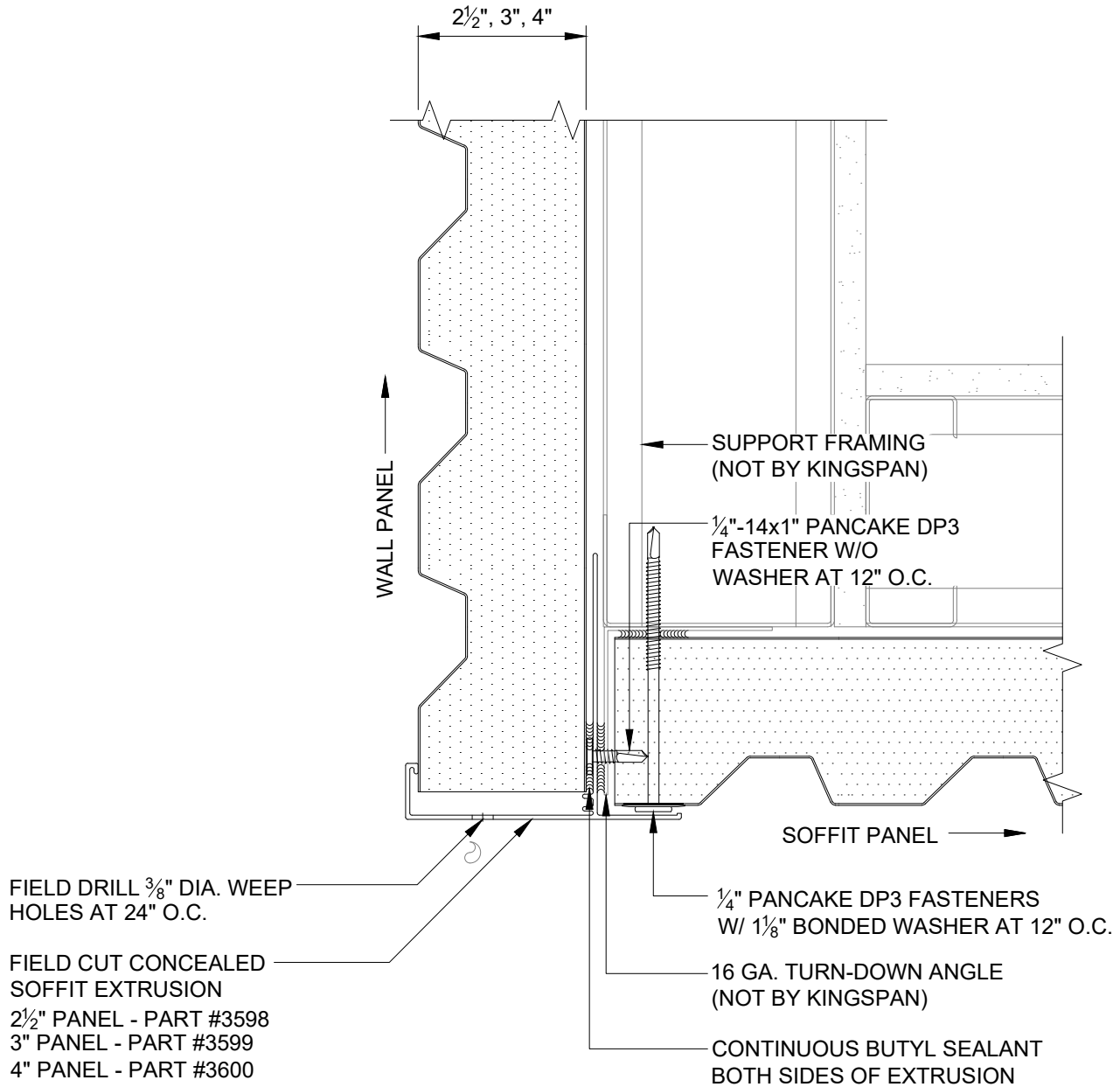
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DW 2000R - HORIZONTAL INSTALLATION

NOTE: FASTENER LENGTH VARIES
DEPENDING ON CONDITION



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SOFFIT DETAIL
W/ EXTRUSION

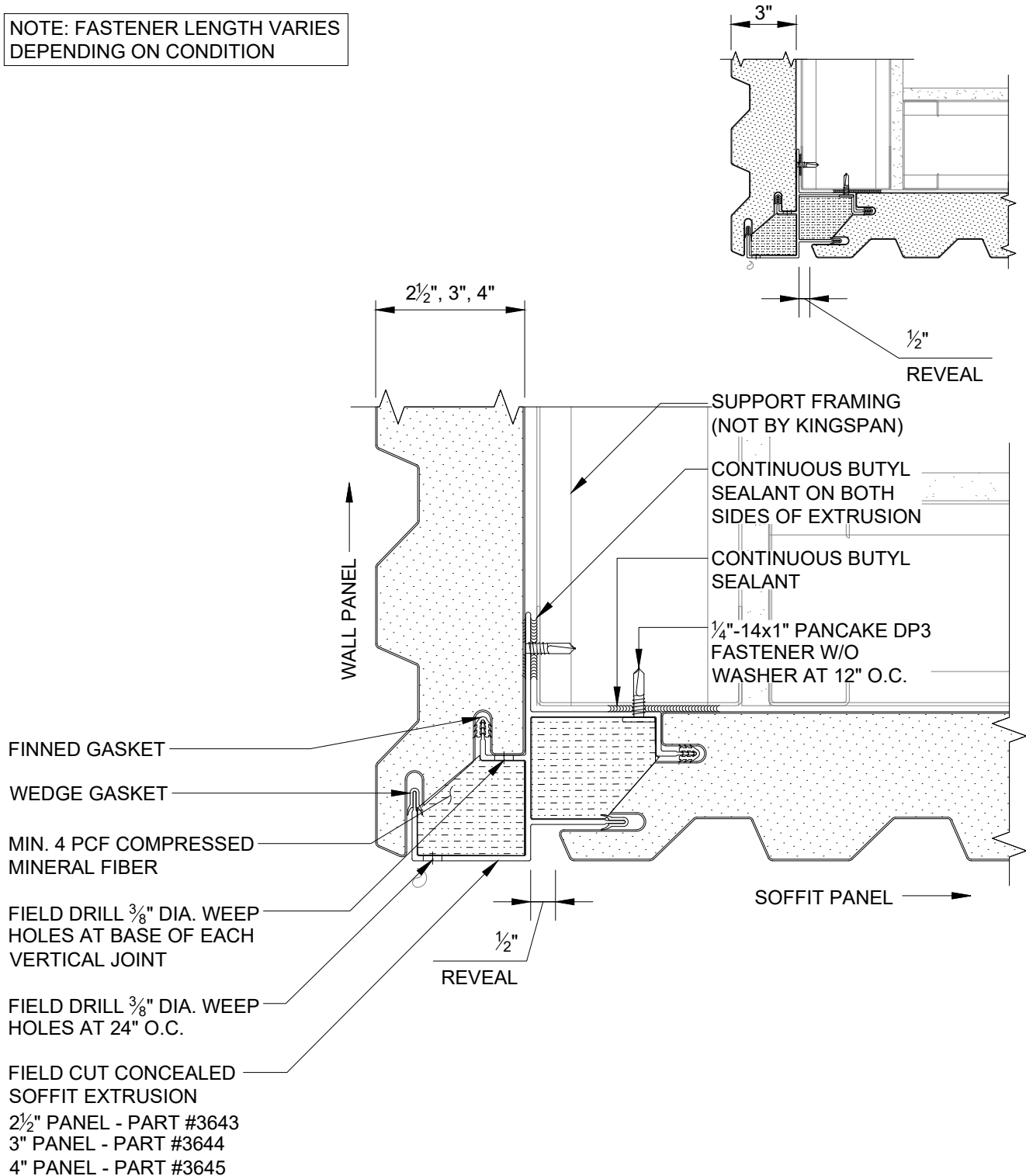
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DW 2000R - HORIZONTAL INSTALLATION

NOTE: FASTENER LENGTH VARIES
DEPENDING ON CONDITION



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SOFFIT DETAIL
W/ CONCEALED SOFFIT
EXTRUSION

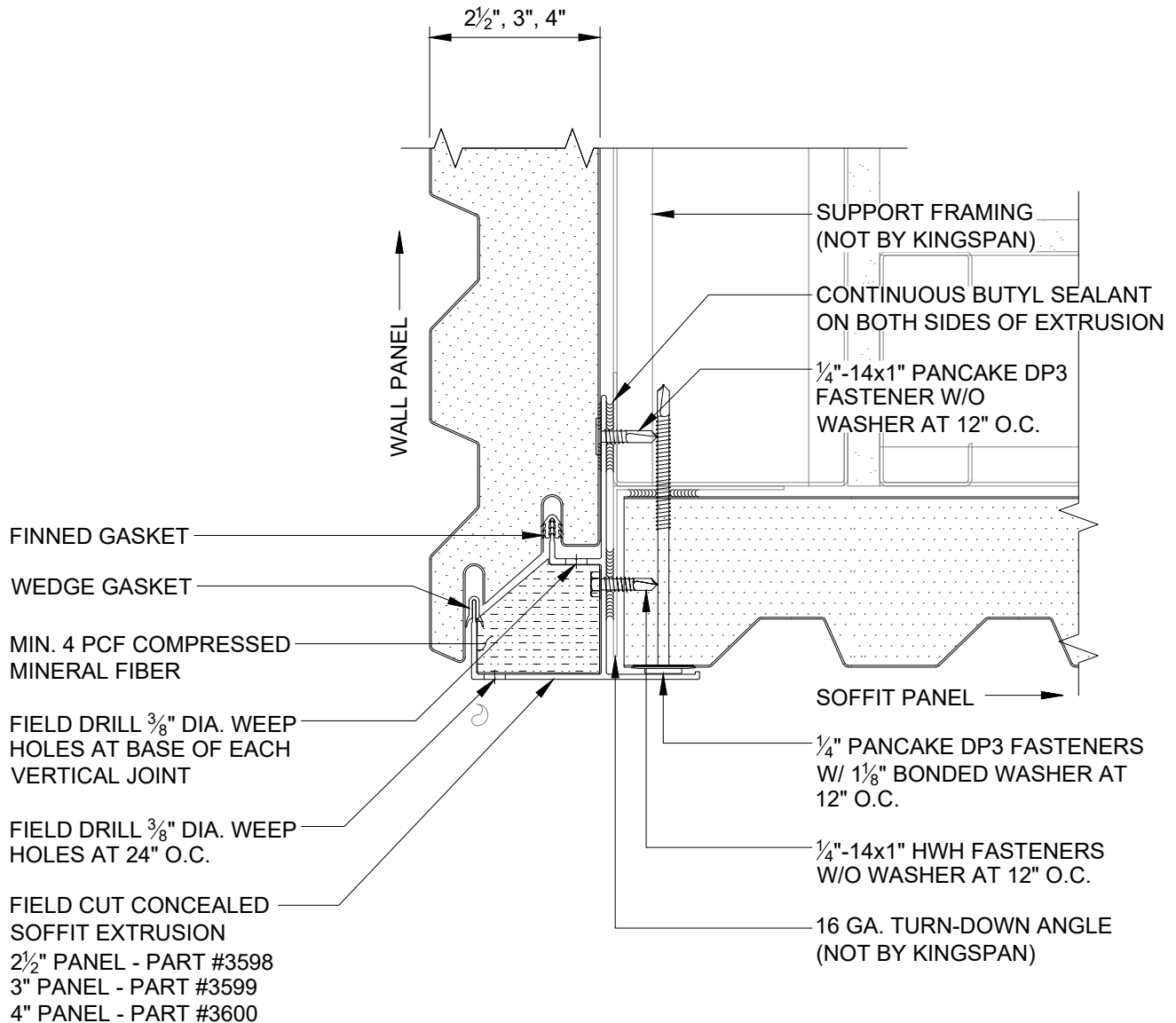
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RELEASE: 2026
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DW 2000R - HORIZONTAL INSTALLATION

NOTE: FASTENER LENGTH VARIES
DEPENDING ON CONDITION



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SOFFIT DETAIL
W/ FIELD CUT CONCEALED
SOFFIT EXTRUSION

DETAIL #: AR-SF-03-DW2RH

RELEASE: 2026

REGION: NORTH AMERICA

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DW 2000R - HORIZONTAL INSTALLATION

NOTE: FASTENER LENGTH VARIES
DEPENDING ON CONDITION

#10-16x $\frac{3}{4}$ " PANCAKE DP3
PART #6017 AT 12" O.C.

CONTINUOUS SILICONE SEALANT
(NOT BY KINGSPAN)

PARAPET EXTRUSION
PART #1598

WRAP MEMBRANE
OVER CAP TRIM
(NOT BY KINGSPAN)

$\frac{1}{4}$ " PANCAKE DP3 FASTENERS
W/ $\frac{1}{8}$ " BONDED WASHER AT
12" O.C.

CAP FLASHING
W/ $\frac{1}{4}$ "-14x1" PANCAKE
DP3 FASTENERS W/O
WASHERS AT 12" O.C.

PARAPET BLOCKING

FABRICATED METAL
FLASHING EXTENSION

CONTINUOUS BUTYL
SEALANT ON BOTH
SIDES OF FLASHING

FASTENERS TO
PARAPET BACKER
(NOT BY KINGSPAN)

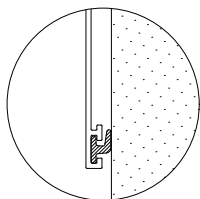
HORIZONTAL SUPPORT
(NOT BY KINGSPAN)

VERTICAL SUPPORTS
(NOT BY KINGSPAN)

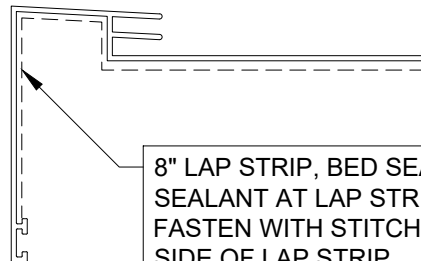
PARAPET SHEATHING
(NOT BY KINGSPAN)

ROOF MEMBRANE
WRAP OVER CAP TRIM
(NOT BY KINGSPAN)

$2\frac{1}{2}$ ", 3", 4"



WIPER GASKET
(FIELD INSTALLED)



8" LAP STRIP, BED SEAL IN BUTYL
SEALANT AT LAP STRIP LOCATIONS
FASTEN WITH STITCH SCREWS ONE
SIDE OF LAP STRIP.
SEE DETAIL [AR-TL-02-DW2RH](#)

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PARAPET DETAIL
W/ EXTRUSION

DETAIL #: AR-PR-01-DW2RH

RELEASE: 2026

REGION: NORTH AMERICA

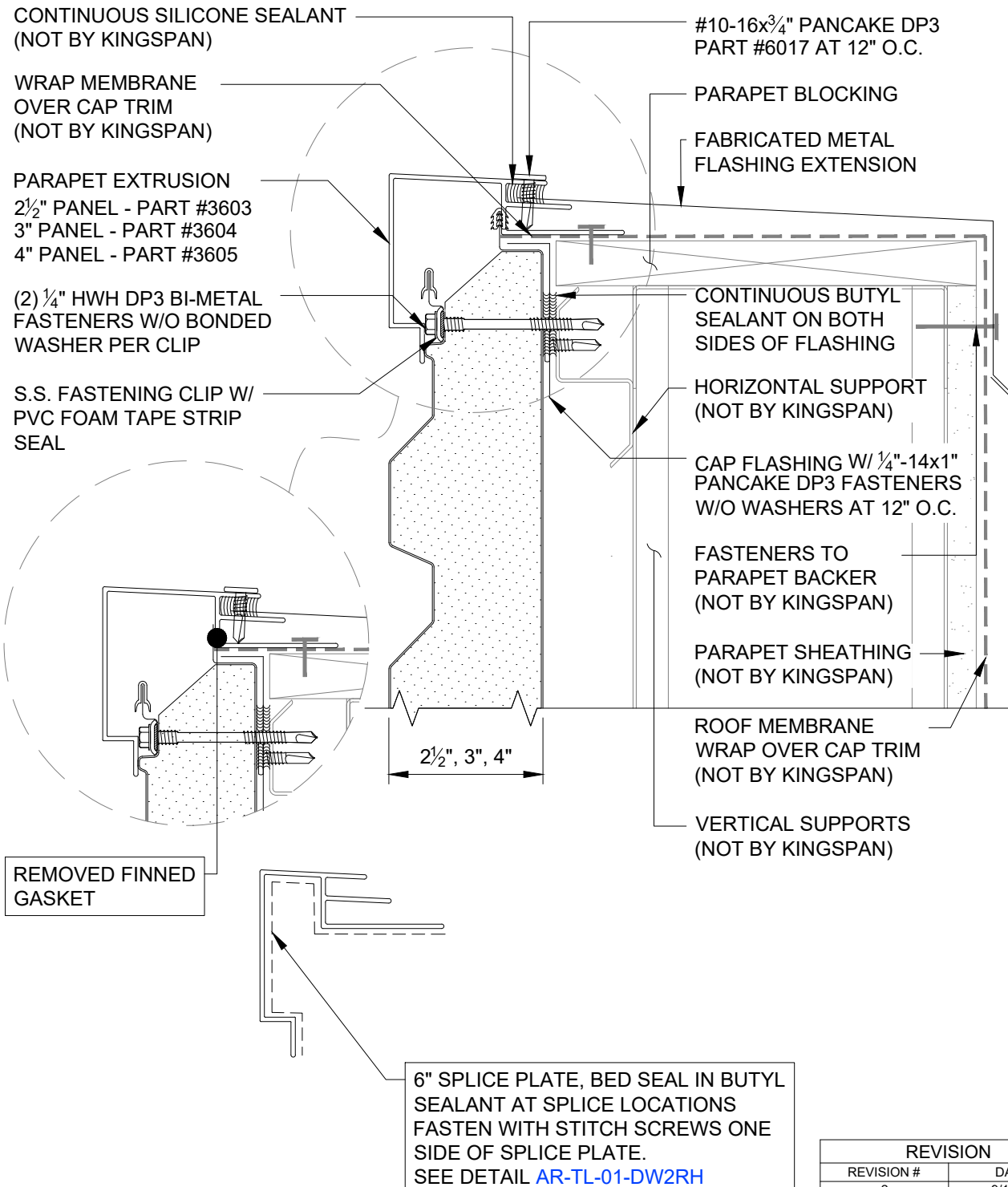
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DW 2000R - HORIZONTAL INSTALLATION

NOTE: FASTENER LENGTH VARIES
DEPENDING ON CONDITION



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PARAPET DETAIL
W/ PROFILED EXTRUSION

DETAIL #: AR-PR-02-DW2RH

RELEASE: 2026

REGION: NORTH AMERICA

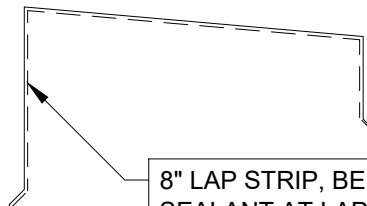
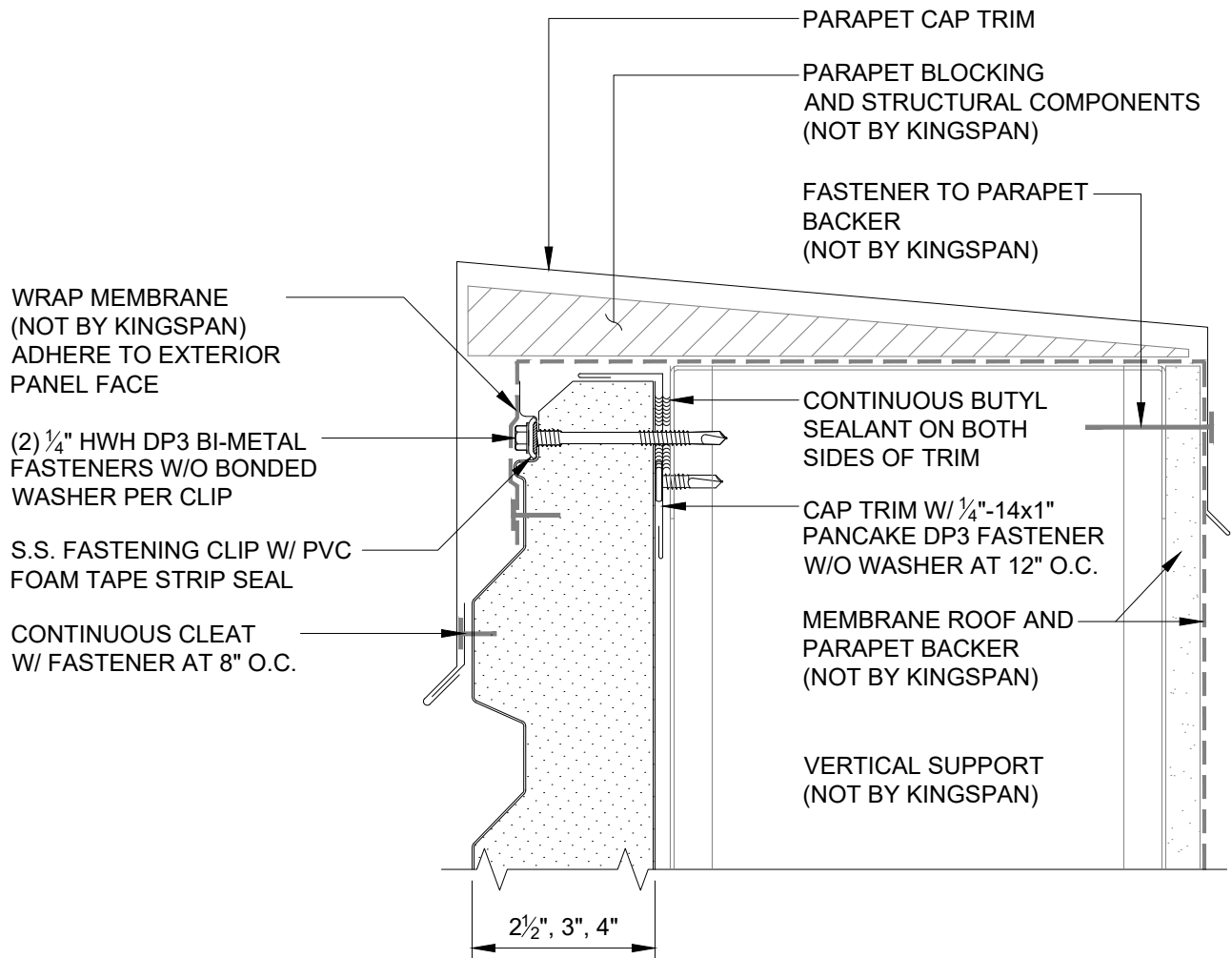
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DW 2000R - HORIZONTAL INSTALLATION

NOTE: FASTENER LENGTH VARIES
DEPENDING ON CONDITION



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-DW2RH](#)

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PARAPET DETAIL
W/ TRIM AT PANEL JOINT

DETAIL #: AR-PR-03-DW2RH

RELEASE: 2026

REGION: NORTH AMERICA

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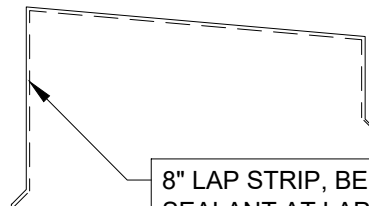
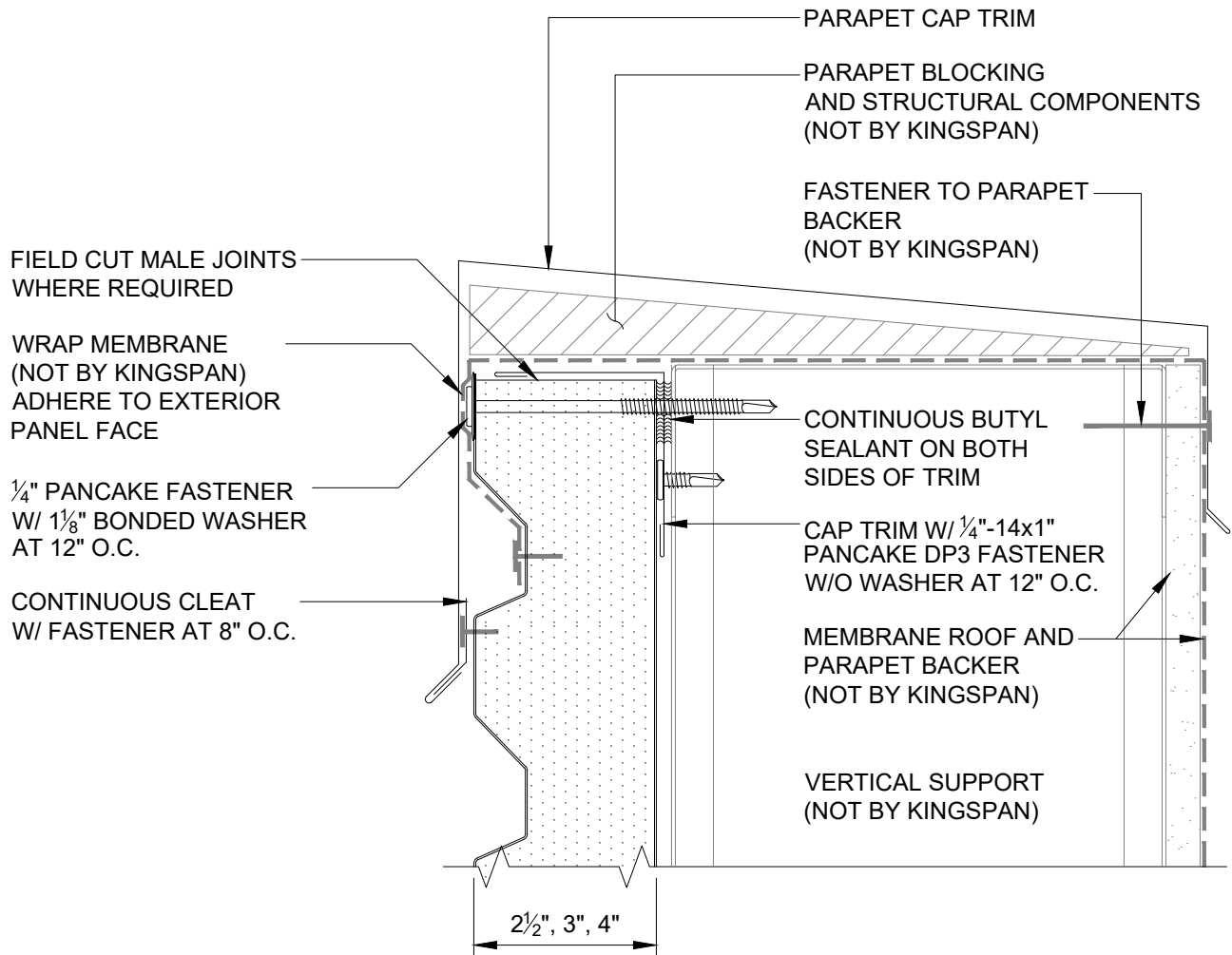


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DW 2000R - HORIZONTAL INSTALLATION

NOTE: FASTENER LENGTH VARIES
DEPENDING ON CONDITION



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PARAPET DETAIL
W/ TRIM AT CUT PANEL

DETAIL #: AR-PR-04-DW2RH

RELEASE: 2026

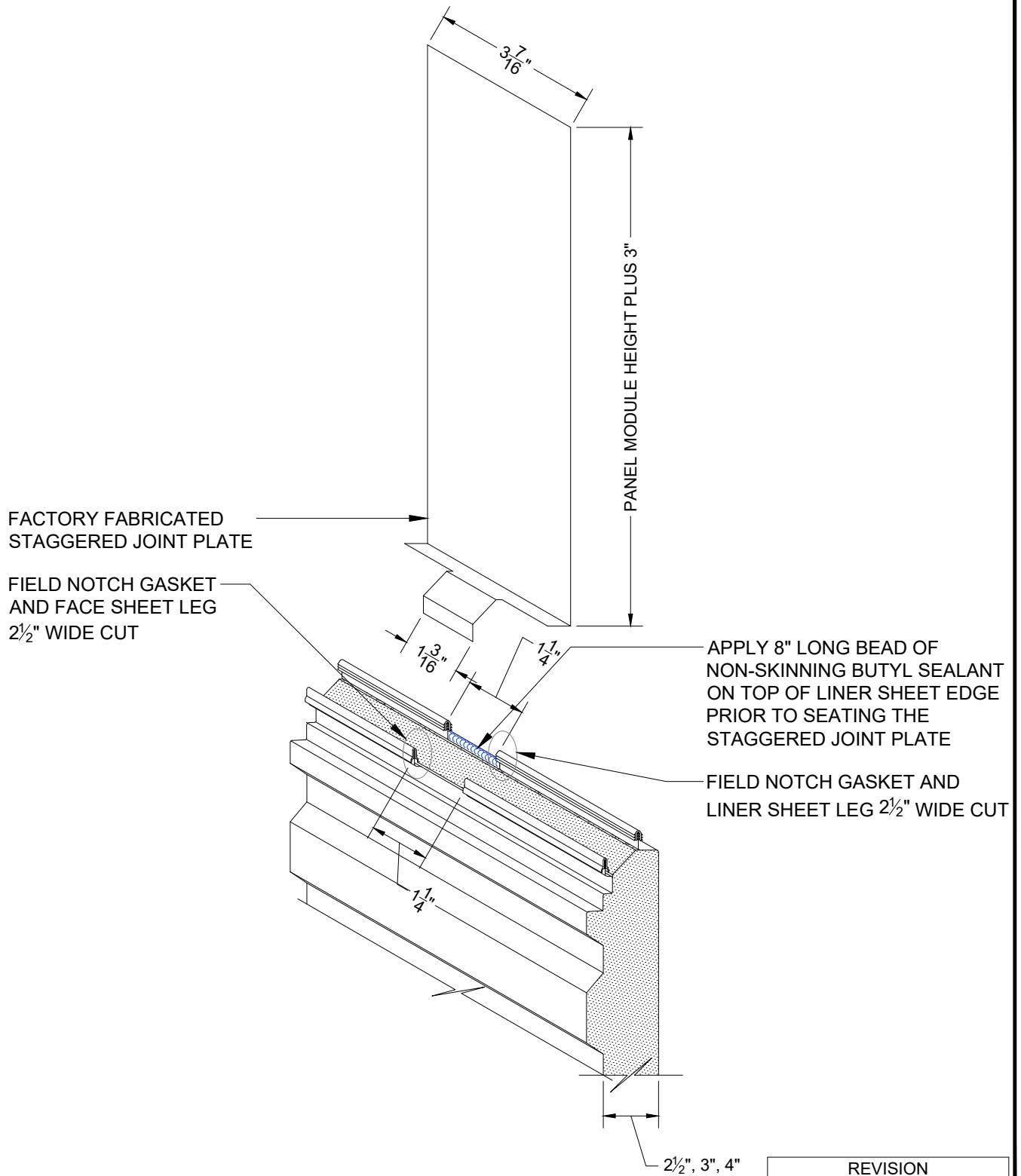
REGION: NORTH AMERICA

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DW 2000R - HORIZONTAL INSTALLATION



REVISION	
REVISION #	DATE
2	9/18/26

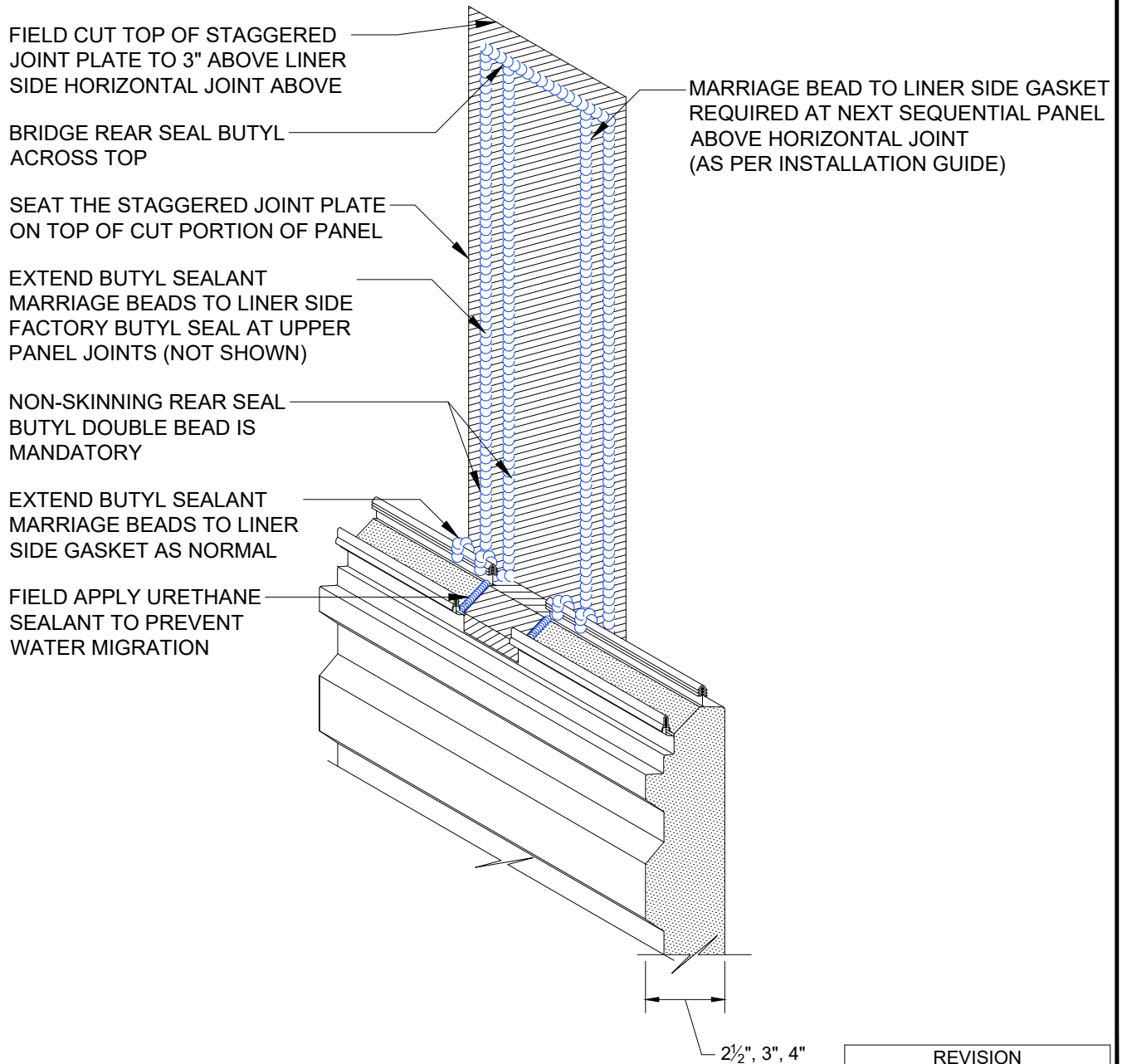
STAGGERED
PANEL JOINT

DETAIL #: AR-SJ-01-DW2RH
RELEASE: 2026
REGION: NORTH AMERICA
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DW 2000R - HORIZONTAL INSTALLATION



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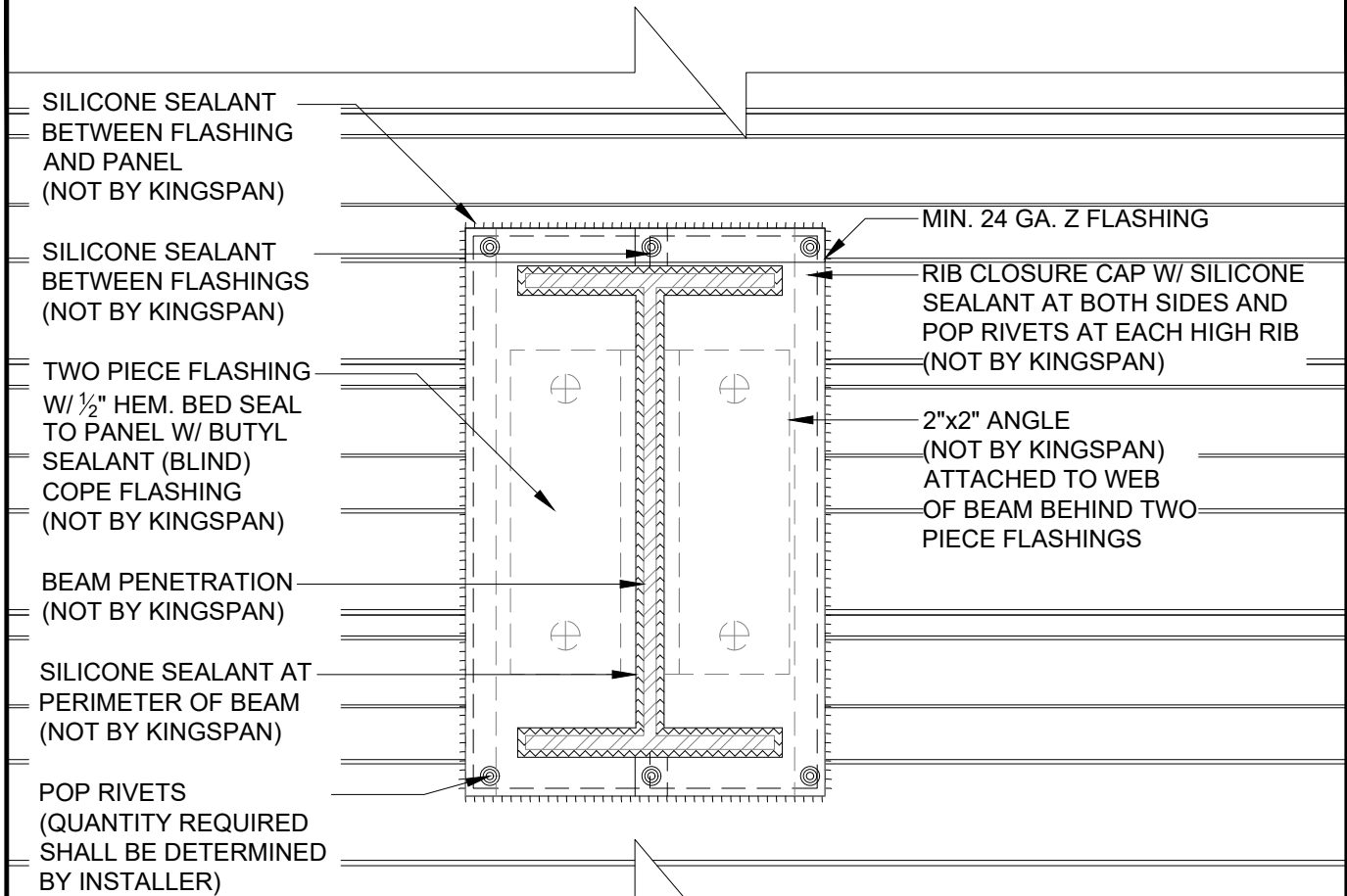
STAGGERED
PANEL JOINT

DETAIL #: AR-SJ-02-DW2RH
RELEASE: 2026
REGION: NORTH AMERICA
www.kingspanpanels.com



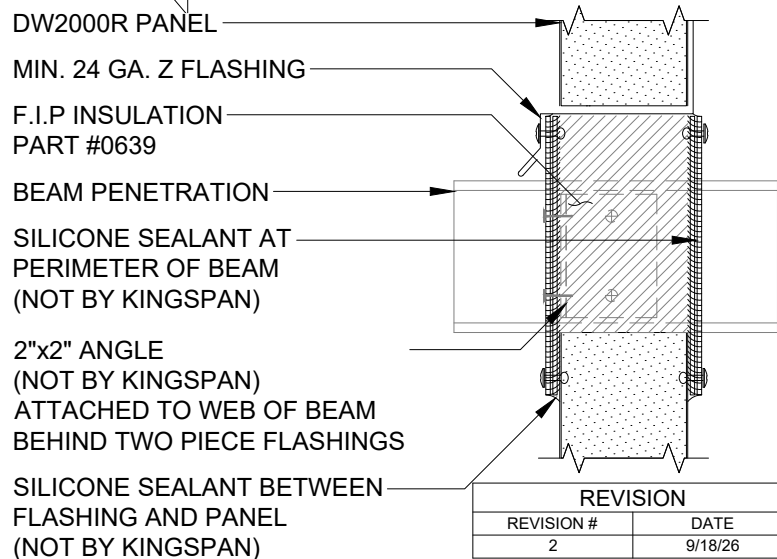
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DW 2000R - HORIZONTAL INSTALLATION



NOTE:
THIS DETAIL ASSUMES
PENETRATION OCCURS
AFTER PANEL IS INSTALLED

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



BEAM PENETRATION

DETAIL #: AR-PN-01-DW2RH

RELEASE: 2026

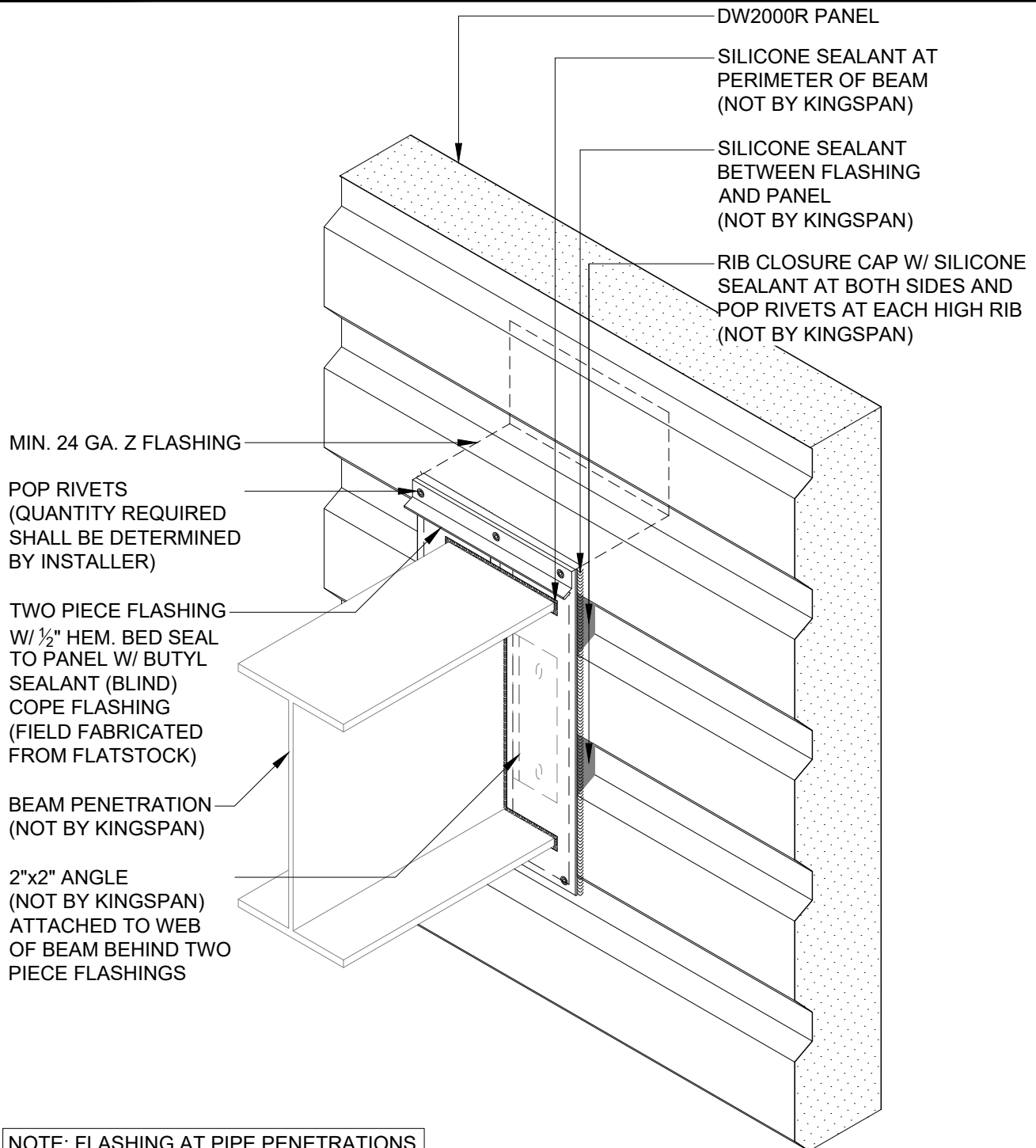
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DW 2000R - HORIZONTAL INSTALLATION



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

NOTE: THIS DETAIL ASSUMES PENETRATION OCCURS AFTER PANEL IS INSTALLED

REVISION	
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BEAM PENETRATION
ISOMETRIC

DETAIL #: AR-PN-02-DW2RH

RELEASE: 2026

REGION: NORTH AMERICA

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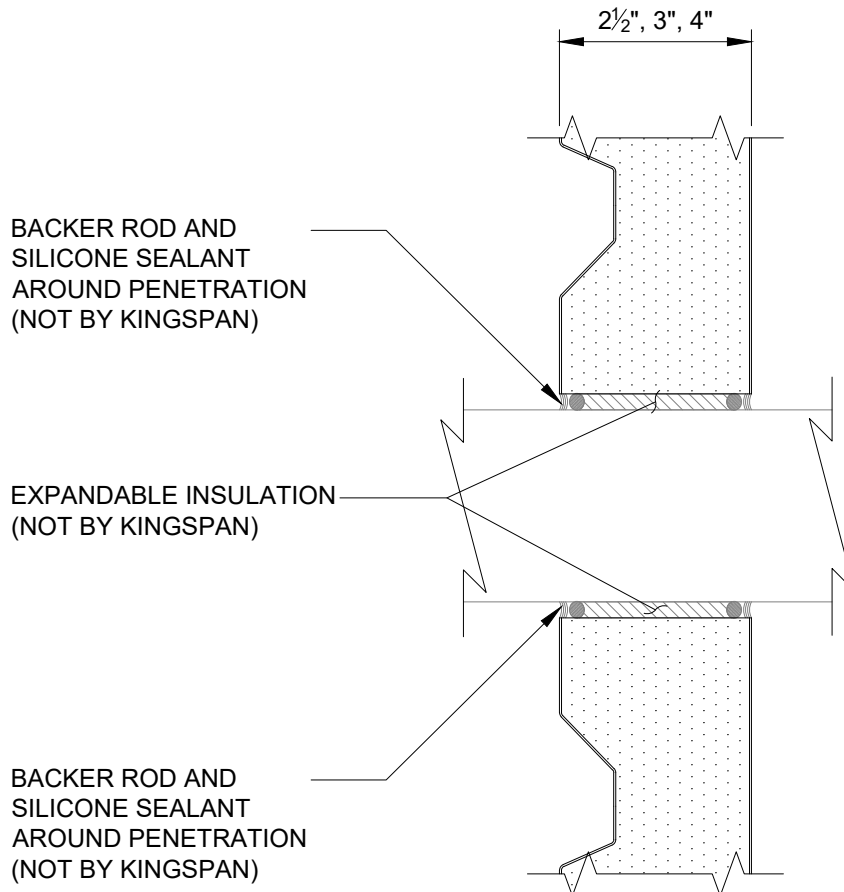


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DW 2000R - HORIZONTAL INSTALLATION

NOTE:

DO NOT ALIGN PENETRATIONS
AT PANEL JOINT.



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

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PIPE PENETRATION

DETAIL #: AR-PN-03-DW2RH

RELEASE: 2026

REGION: NORTH AMERICA

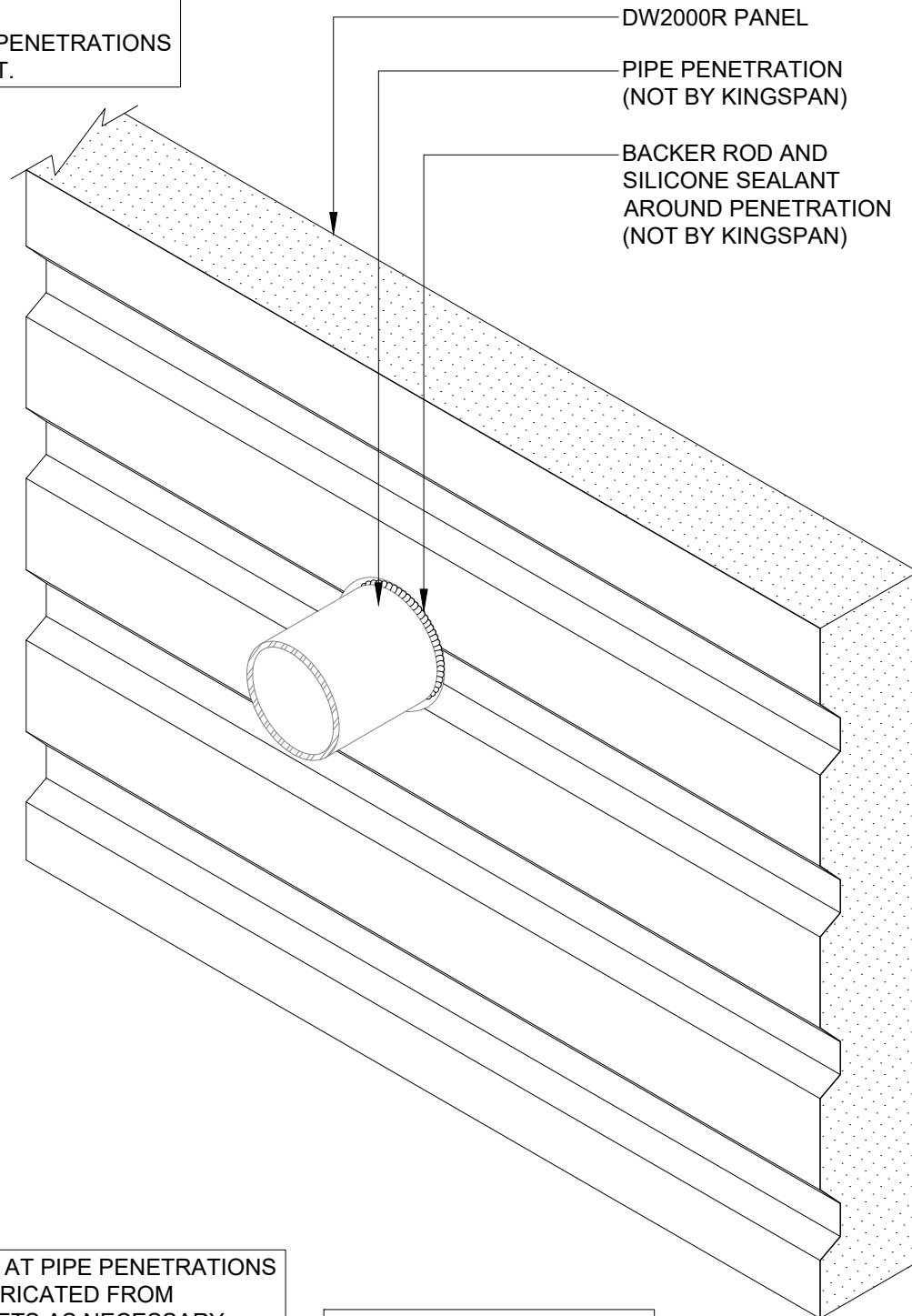
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DW 2000R - HORIZONTAL INSTALLATION

NOTE:
DO NOT ALIGN PENETRATIONS
AT PANEL JOINT.



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

NOTE:
THIS DETAIL ASSUMES
PENETRATION OCCURS
AFTER PANEL IS INSTALLED

REVISION	
REVISION #	DATE
2	9/18/26

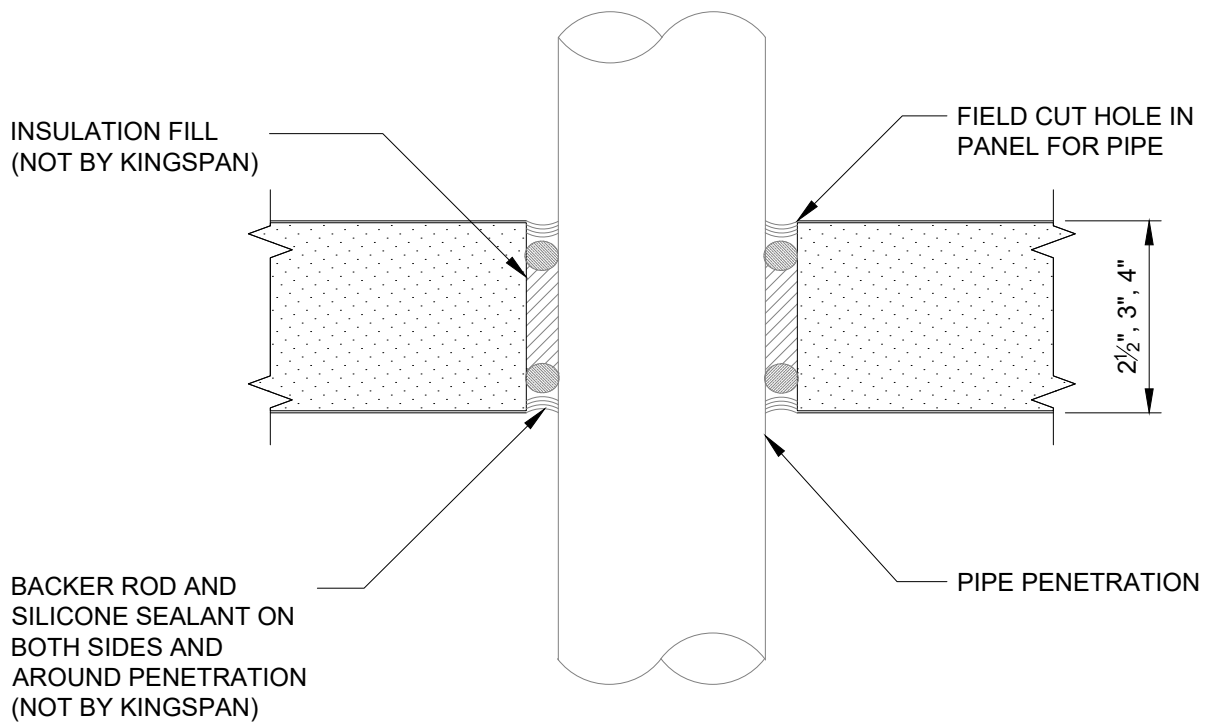
PIPE PENETRATION
ISOMETRIC

DETAIL #: AR-PN-04-DW2RH
RELEASE: 2026
REGION: NORTH AMERICA
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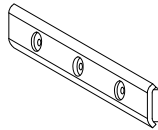
STRUCTURAL MEMBER
PENETRATION

DETAIL #: AR-PN-05-DW2RH
RELEASE: 2026
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FASTENING CLIP



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

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-DW2RH

RELEASE: 2026

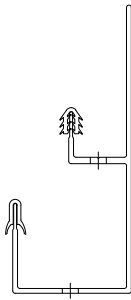
REGION: NORTH AMERICA

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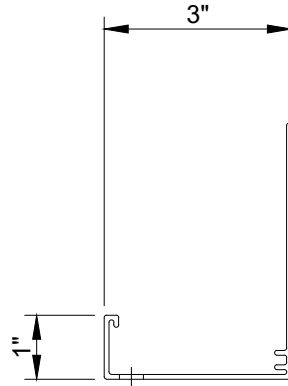
DW 2000R - HORIZONTAL INSTALLATION



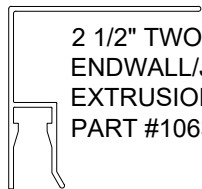
2 1/2" PANEL
CONCEALED BASE
EXTRUSION PART #3593



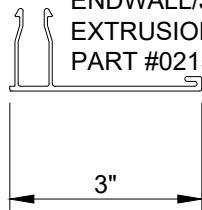
2 1/2" BASE
EXTRUSION SPLICE
PLATE PART #4030



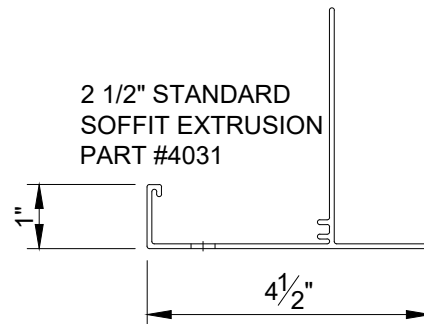
2 1/2" STANDARD
BASE EXTRUSION
PART #4096



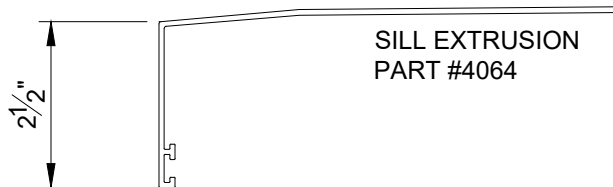
2 1/2" TWO PIECE
ENDWALL/JAMB
EXTRUSION RECEIVER
PART #1063



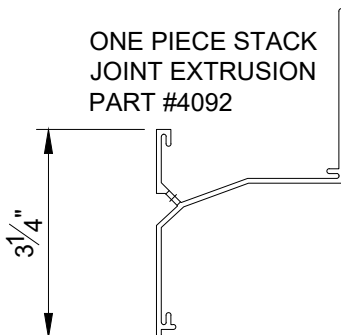
TWO PIECE
ENDWALL/JAMB
EXTRUSION CAP
PART #0215



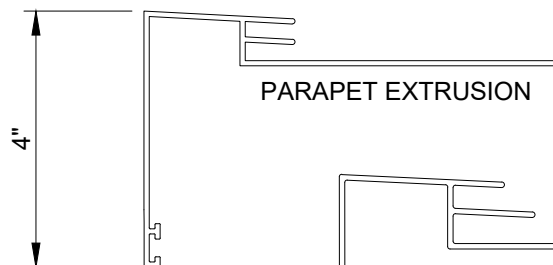
2 1/2" STANDARD
SOFFIT EXTRUSION
PART #4031



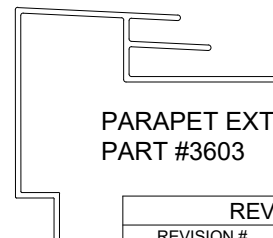
SILL EXTRUSION
PART #4064



ONE PIECE STACK
JOINT EXTRUSION
PART #4092



PARAPET EXTRUSION



PARAPET EXTRUSION
PART #3603

REVISION	
REVISION #	DATE
2	9/18/26

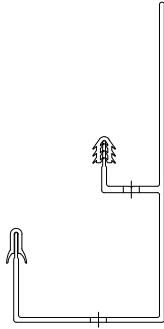
2 1/2" EXTRUSIONS

DETAIL #: AR-EX-02-DW2RH
RELEASE: 2026
REGION: NORTH AMERICA
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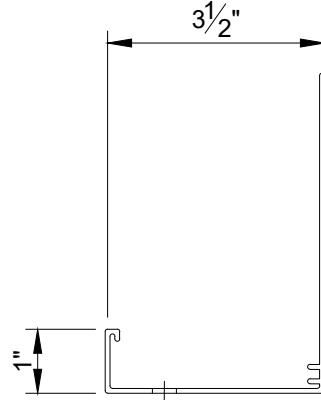
DW 2000R - HORIZONTAL INSTALLATION



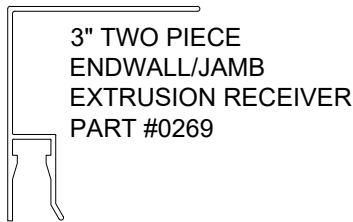
3" PANEL CONCEALED
BASE EXTRUSION
PART #3594



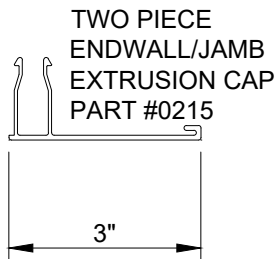
3" BASE EXTRUSION
SPLICE PLATE
PART #3997



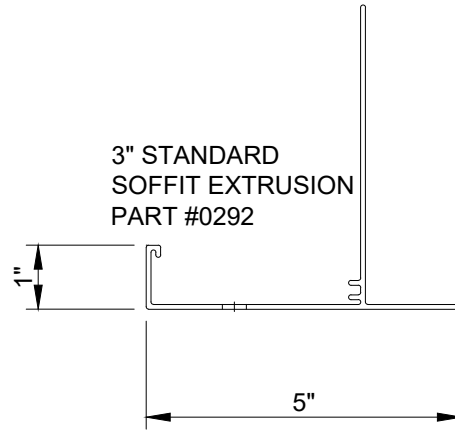
3" STANDARD
BASE EXTRUSION
PART #0227



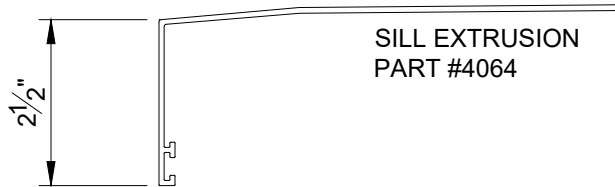
3" TWO PIECE
ENDWALL/JAMB
EXTRUSION RECEIVER
PART #0269



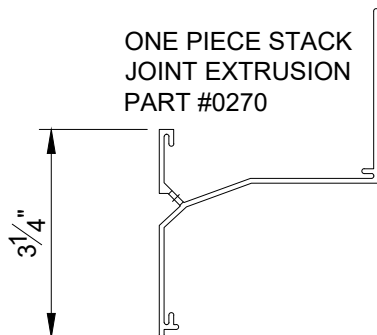
TWO PIECE
ENDWALL/JAMB
EXTRUSION CAP
PART #0215



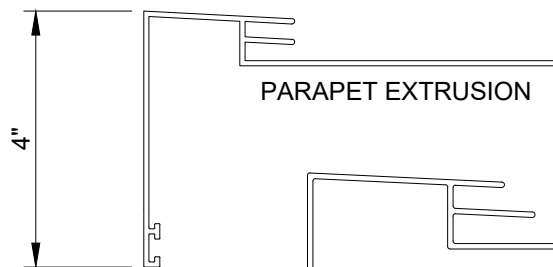
3" STANDARD
SOFFIT EXTRUSION
PART #0292



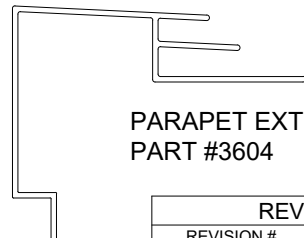
SILL EXTRUSION
PART #4064



ONE PIECE STACK
JOINT EXTRUSION
PART #0270



PARAPET EXTRUSION



PARAPET EXTRUSION
PART #3604

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3" EXTRUSIONS

DETAIL #: AR-EX-03-DW2RH

RELEASE: 2026

REGION: NORTH AMERICA

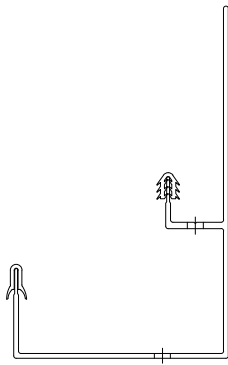
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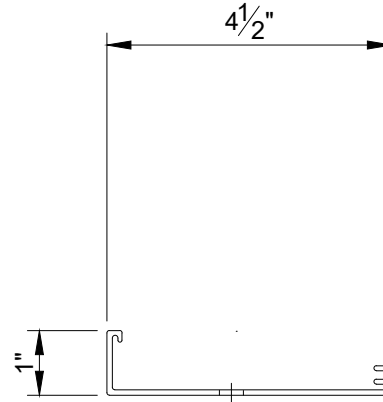
DW 2000R - HORIZONTAL INSTALLATION



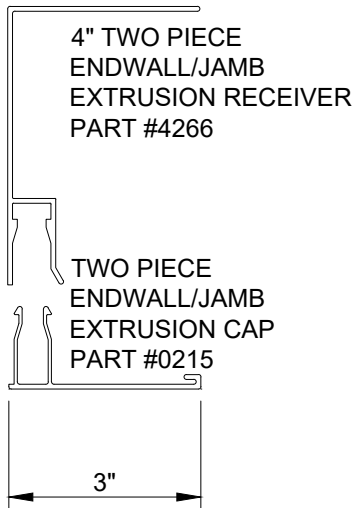
4" PANEL CONCEALED
BASE EXTRUSION
PART #3595



4" BASE EXTRUSION
SPLICE PLATE
PART# 4099

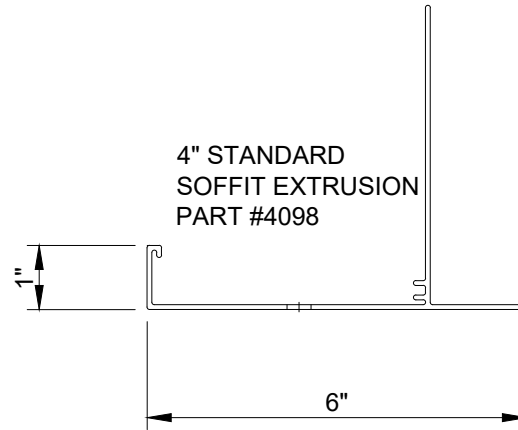


4" STANDARD
BASE EXTRUSION
PART #4097

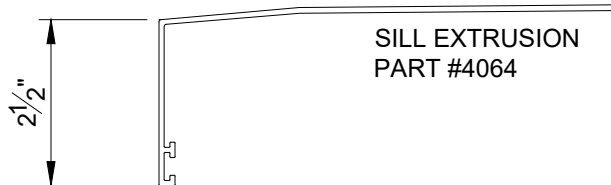


4" TWO PIECE
ENDWALL/JAMB
EXTRUSION RECEIVER
PART #4266

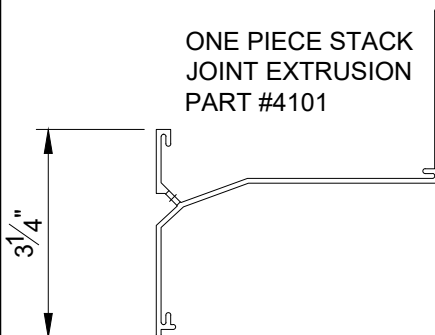
TWO PIECE
ENDWALL/JAMB
EXTRUSION CAP
PART #0215



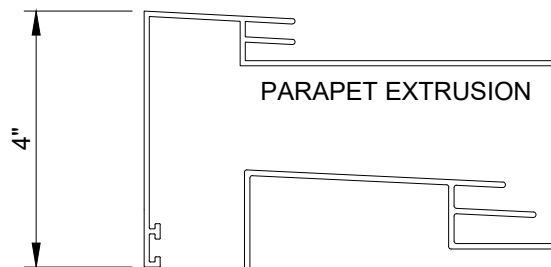
4" STANDARD
SOFFIT EXTRUSION
PART #4098



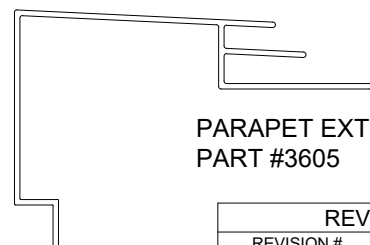
SILL EXTRUSION
PART #4064



ONE PIECE STACK
JOINT EXTRUSION
PART #4101



PARAPET EXTRUSION



PARAPET EXTRUSION
PART #3605

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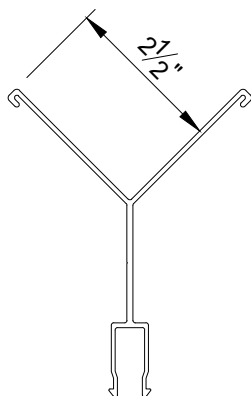
4" EXTRUSIONS

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RELEASE: 2026
REGION: NORTH AMERICA
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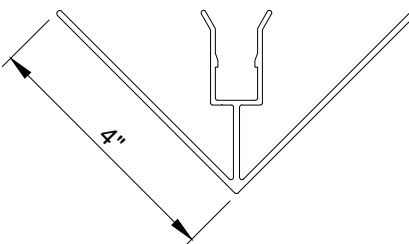


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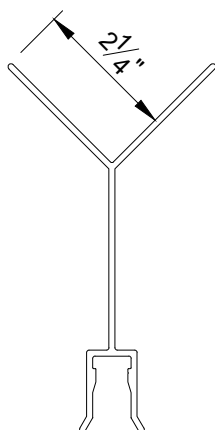
DW 2000R - HORIZONTAL INSTALLATION



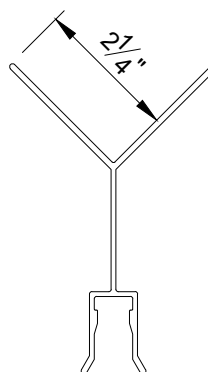
3" INSIDE CORNER
EXTRUSION PART #2178



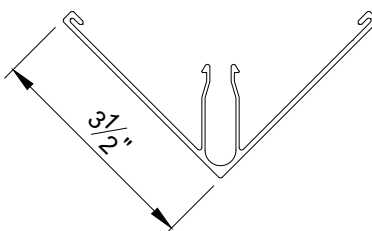
INSIDE RECEIVER
PART #0338



3" OUTSIDE RECEIVER
PART #0296



2.5" OUTSIDE RECEIVER
PART #4093



INSIDE CORNER
EXTRUSION PART #0235

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CORNER EXTRUSIONS

DETAIL #: AR-EX-05-DW2RH

RELEASE: 2026

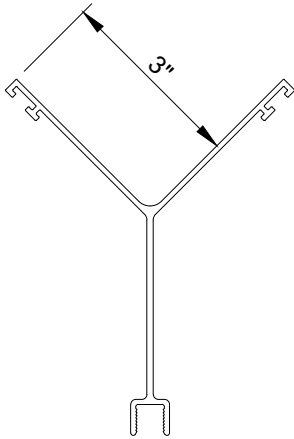
REGION: NORTH AMERICA

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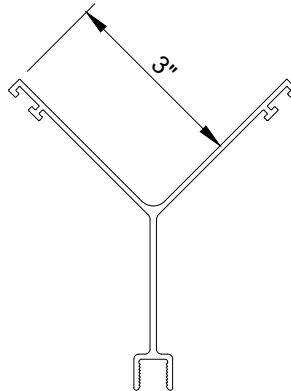


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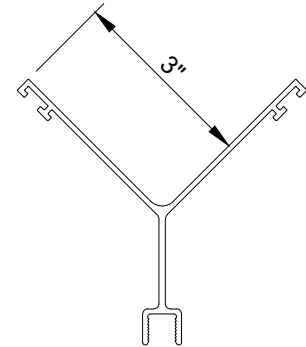
DW 2000R - HORIZONTAL INSTALLATION



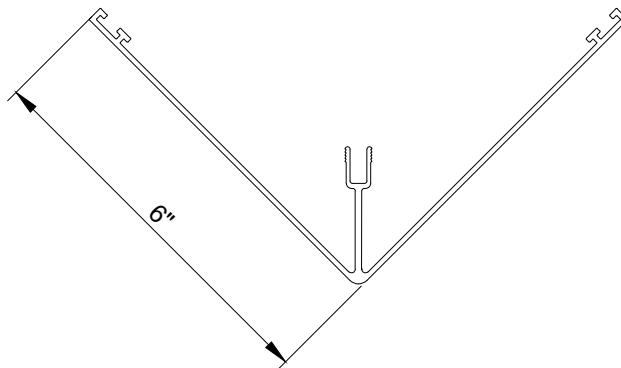
3" INSIDE/OUTSIDE
CORNER EXTRUSION
RECEIVER PART #4000



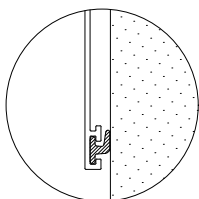
2.5" INSIDE/OUTSIDE
CORNER EXTRUSION
RECEIVER PART #3999



2" INSIDE/OUTSIDE
CORNER EXTRUSION
RECEIVER PART #3998



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



WIPER GASKET
(FIELD INSTALLED)

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CORNER KS EXTRUSIONS

DETAIL #: AR-EX-06-DW2RH

RELEASE: 2026

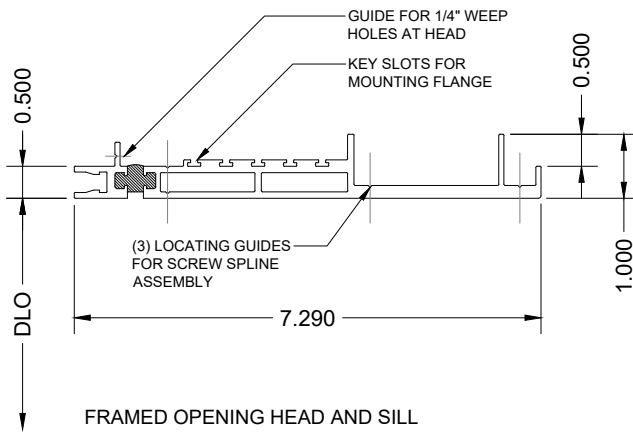
REGION: NORTH AMERICA

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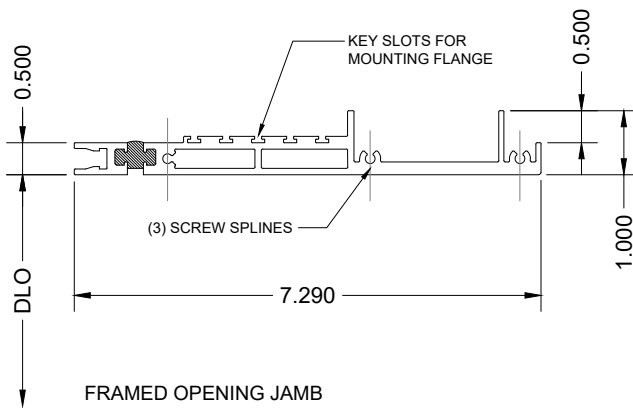
FRAMED OPENING HEAD AND SILL

PART No: 2000015741



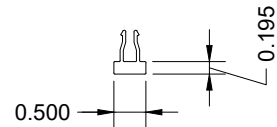
FRAMED OPENING STANDARD
MOUNTING FLANGE

PART No: 2000015734



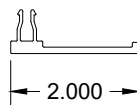
FRAMED OPENING JAMB

PART No: 2000015743



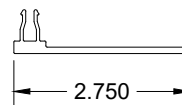
FRAMED OPENING CAP PLUG

PART No: 2000015744



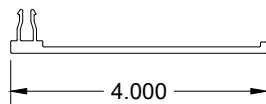
SHORT SNAP CAP

PART No: 2000015745



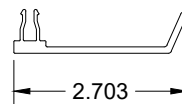
STANDARD SNAP CAP

PART No: 2000015736



EXTENDED SNAP CAP

PART No: 2000015737



FRAMED OPENING 2000R SILL SNAP CAP

PART No: 2000015738

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WINDOW / LOUVER
EXTRUSIONS

DETAIL #: AR-EX-07-DW2RH

RELEASE: 2026

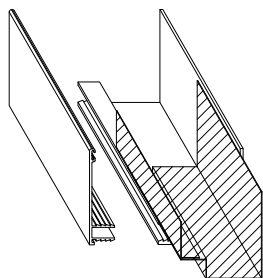
REGION: NORTH AMERICA

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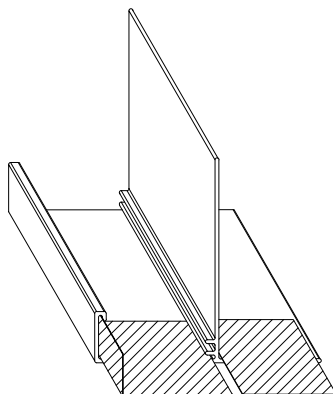


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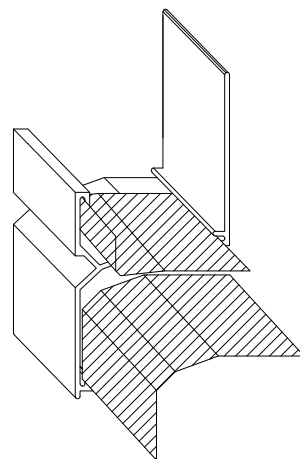
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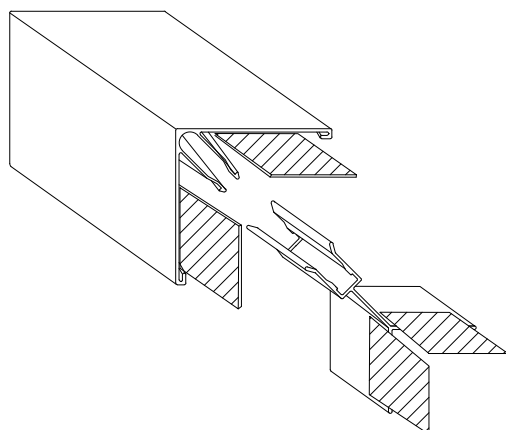
SPLICE PLATE FOR TWO PIECE
JAMB EXTRUSION



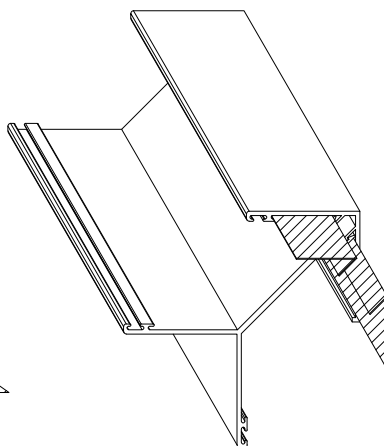
SPLICE PLATE FOR SOFFIT
EXTRUSION



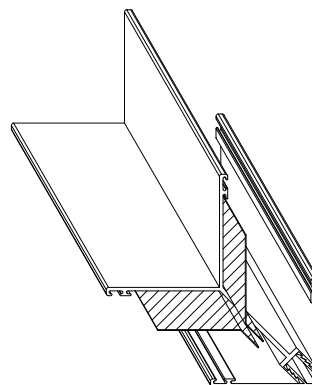
SPLICE PLATE FOR STACK
JOINT EXTRUSION



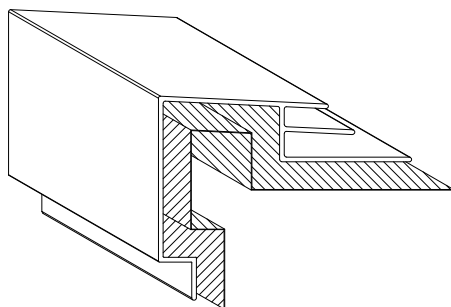
SPLICE PLATE FOR CORNER
EXTRUSION



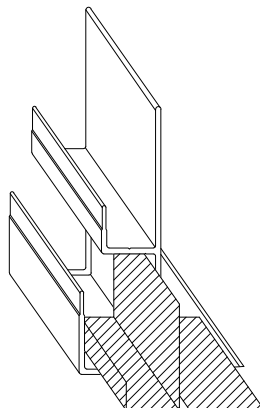
LAP STRIP FOR OUTSIDE
CORNER EXTRUSION



LAP STRIP FOR INSIDE
CORNER EXTRUSION



SPLICE PLATE FOR INTEGRATED
COPING EXTRUSION



SPLICE PLATE FOR FIELD
CUT SOFFIT EXTRUSION

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TRIM LAP
EXTRUSION SPLICE PLATES

DETAIL #: AR-TL-01-DW2RH

RELEASE: 2026

REGION: NORTH AMERICA

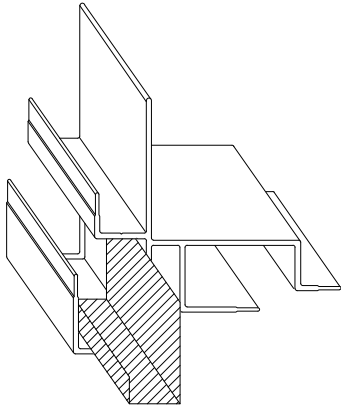
www.kingspanpanels.com



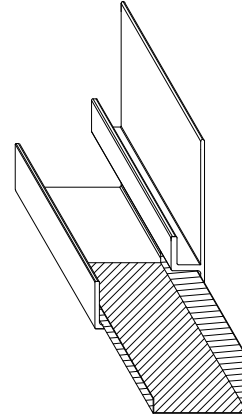
Kingspan.

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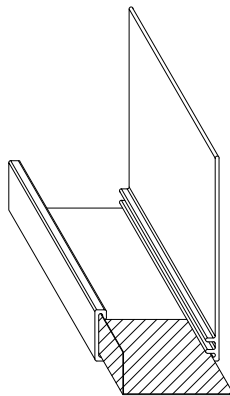
DW 2000R - HORIZONTAL INSTALLATION



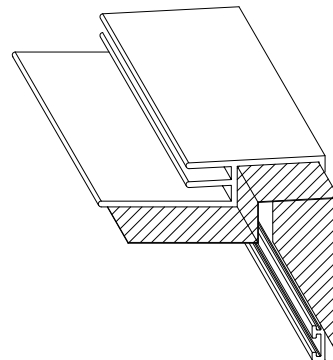
SPLICE PLATE FOR CONCEALED
SOFFIT EXTRUSION



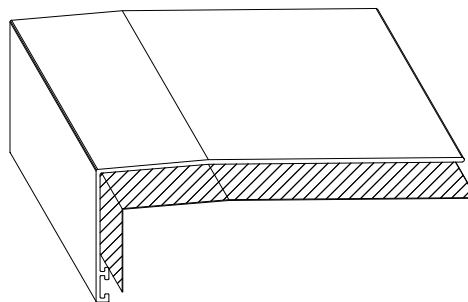
SPLICE PLATE FOR CONCEALED
BASE EXTRUSION



SPLICE PLATE FOR
BASE EXTRUSION



LAP STRIP FOR PARAPET
EXTRUSION



LAP STRIP FOR SILL
EXTRUSION

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TRIM LAP
EXTRUSION SPLICE PLATES

DETAIL #: AR-TL-02-DW2RH

RELEASE: 2026

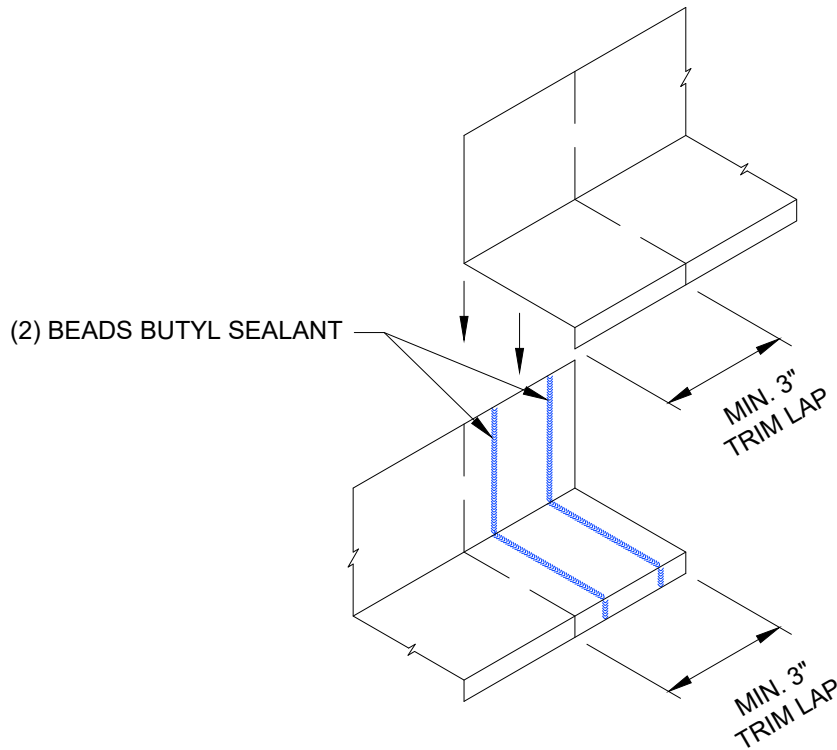
REGION: NORTH AMERICA

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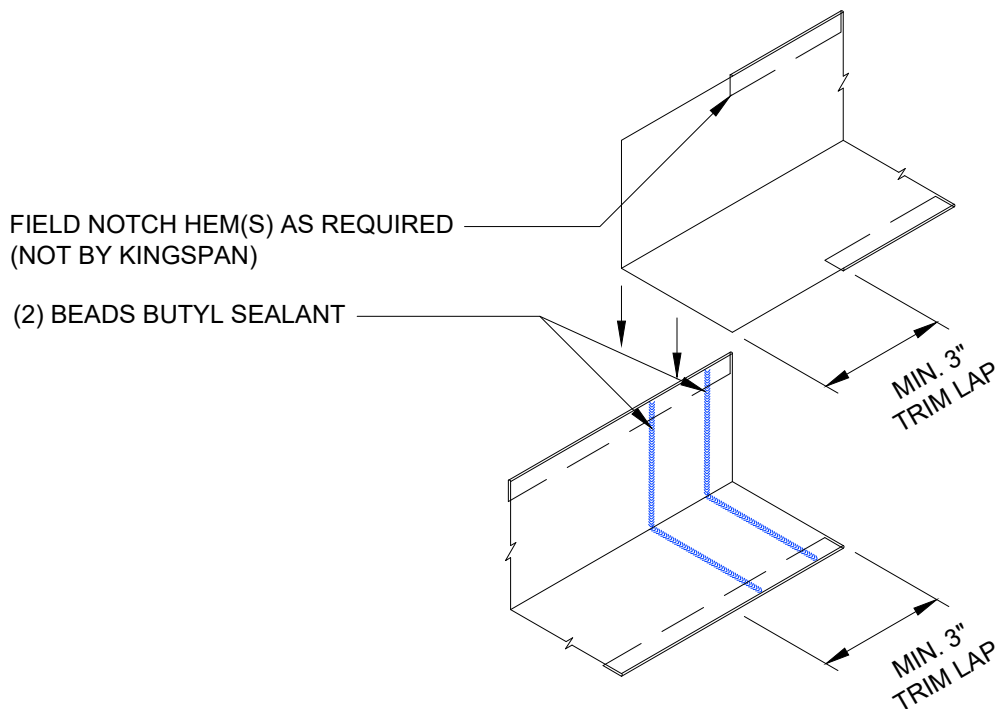


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DW 2000R - HORIZONTAL INSTALLATION



HORIZONTAL TRIM W/O HEMS



HORIZONTAL TRIM W/ HEMS

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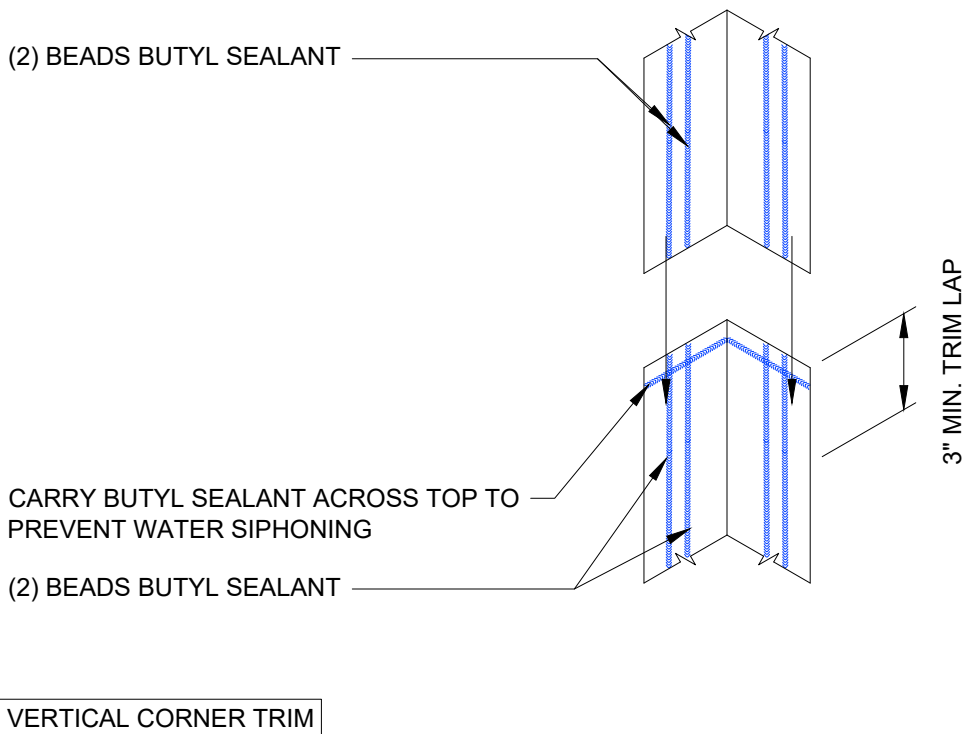
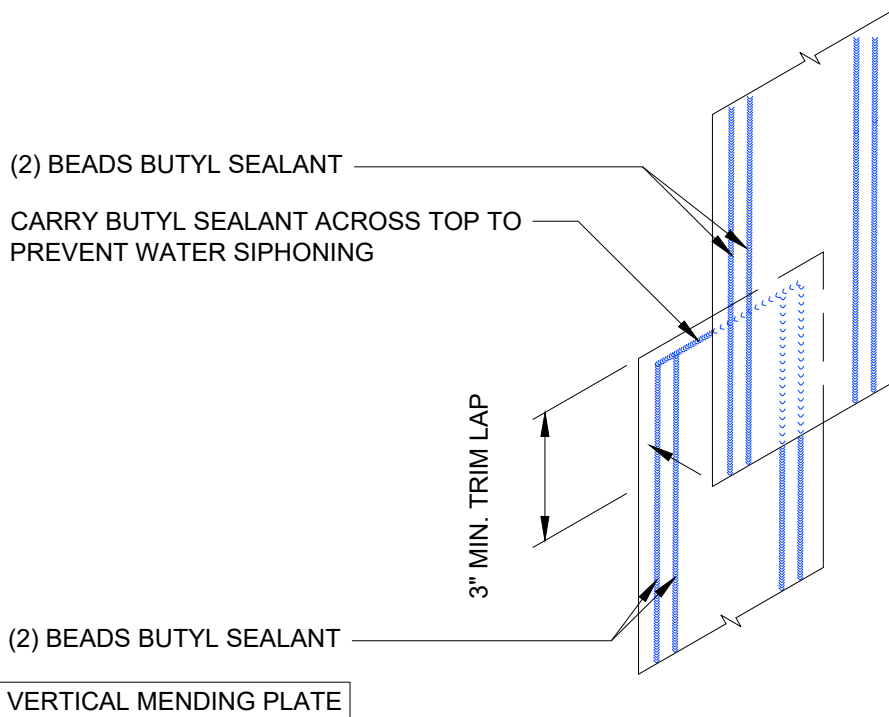
TRIM LAP
HORIZONTAL END LAPS

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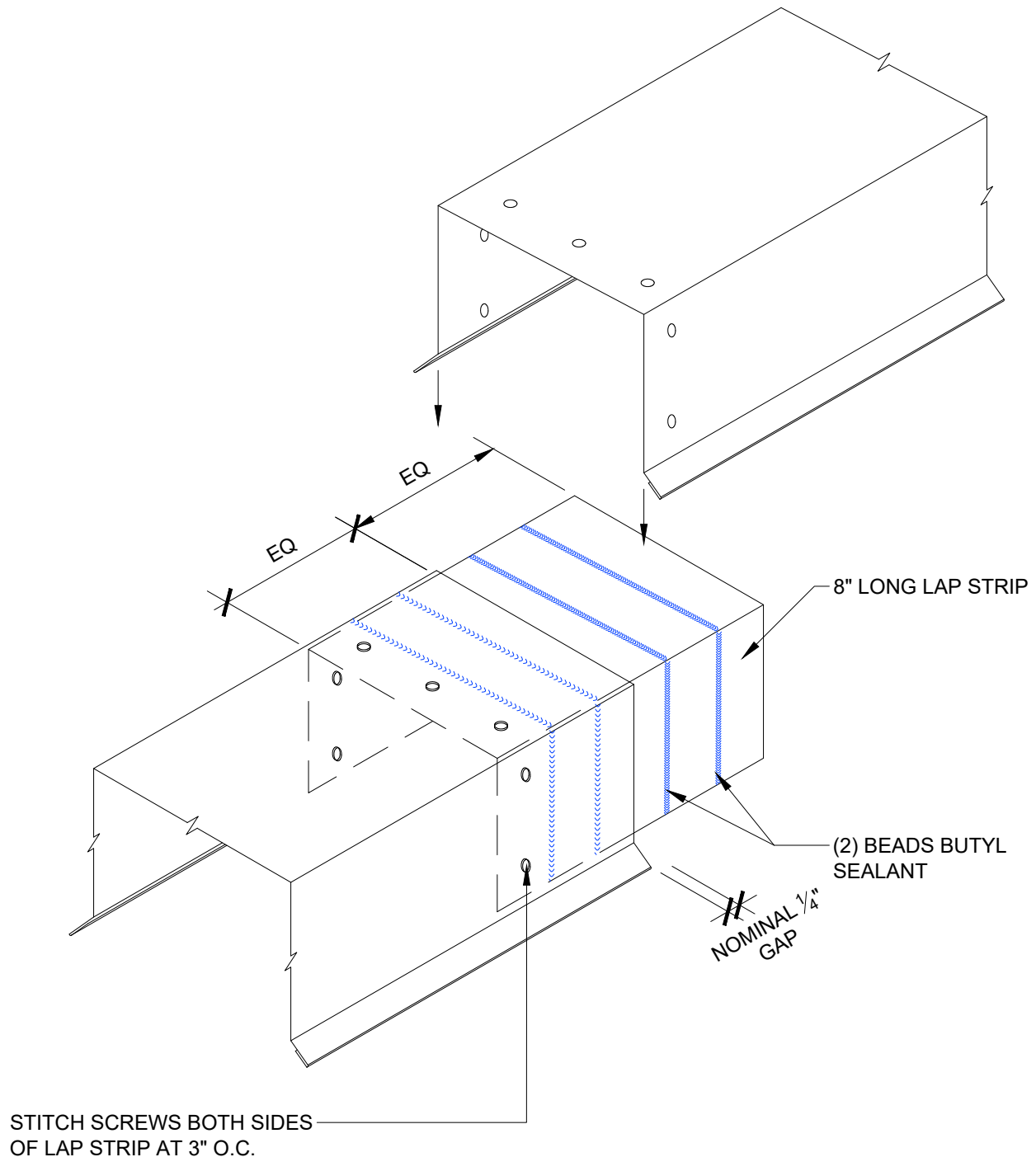
TRIM LAP
VERTICAL END LAPS

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TRIM LAP
PARAPET TRIM

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