

# KS SERIES - VERTICAL INSTALLATION

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## DISCLAIMERS:

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

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

CONTACT KINGSPAN TECHNICAL SERVICES FOR SPECIFIC PROJECT FASTENING REQUIREMENTS

EXTRUSION SHAPES / ENGAGEMENT MAY VARY FROM THOSE SHOWN.

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

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# KS SERIES - VERTICAL INSTALLATION

CORE DEPTHS:  
2", 2.5", 3", 4", 5", 6"

MODULE WIDTH: 24", 30", 36", 42"  
(REFER TO PROFILE)

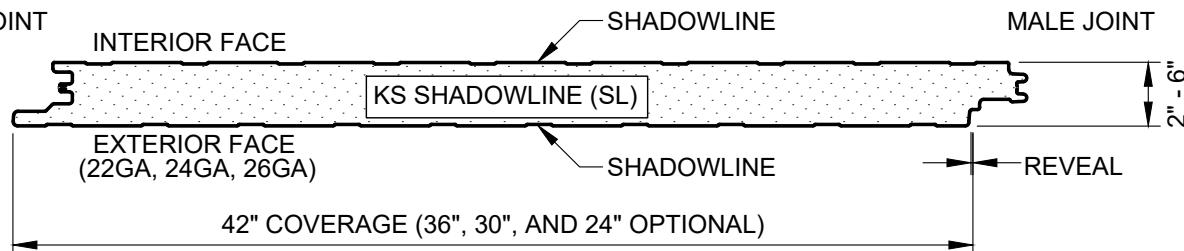
EMBOSSING:  
EXTERIOR: STUCCO / NON-EMBOSSED\*  
INTERIOR: STUCCO / NON-EMBOSSED

STEEL GAUGES:  
EXTERIOR: (REFER TO PROFILE)  
INTERIOR: 26, 24, 22

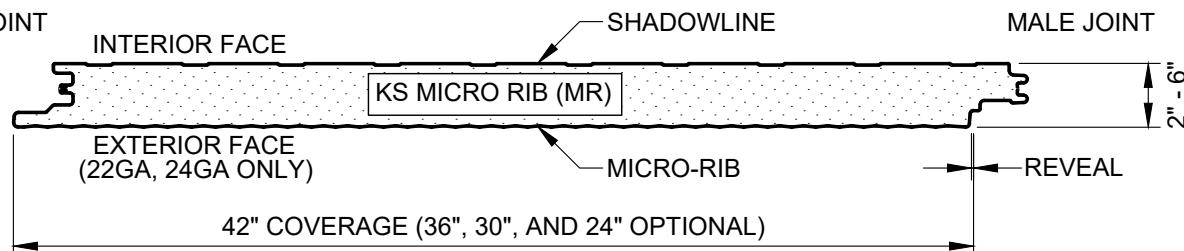
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LENGTHS:  
MINIMUM: 8'-0"  
MAXIMUM: 53'-0"

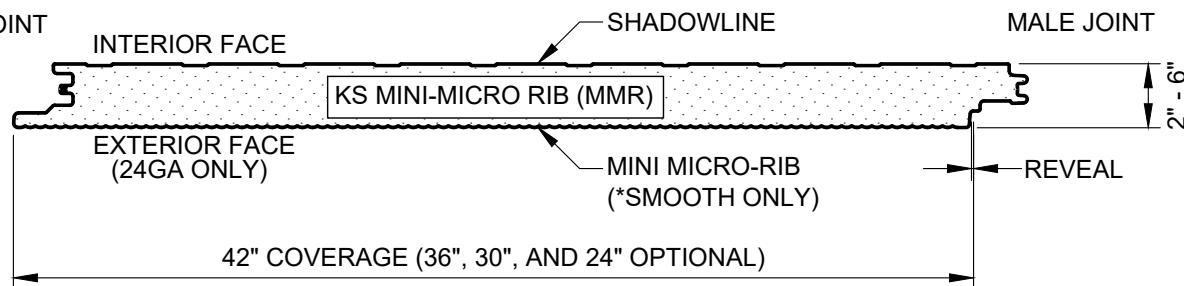
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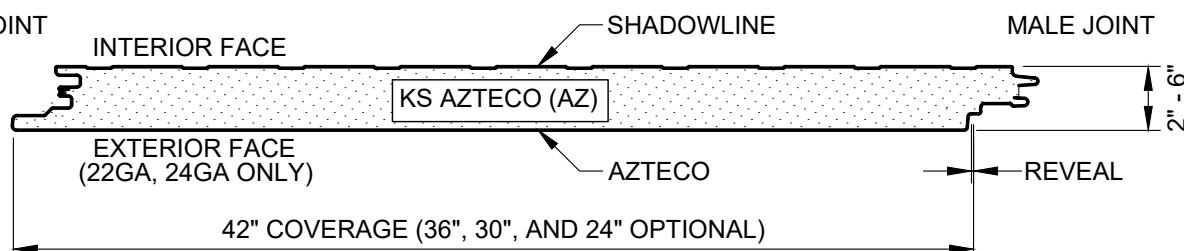
FEMALE JOINT



FEMALE JOINT



FEMALE JOINT



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CORE DEPTHS:  
2", 2.5", 3", 4", 5", 6"

MODULE WIDTH: 24", 30", 36", 42"  
(REFER TO PROFILE)

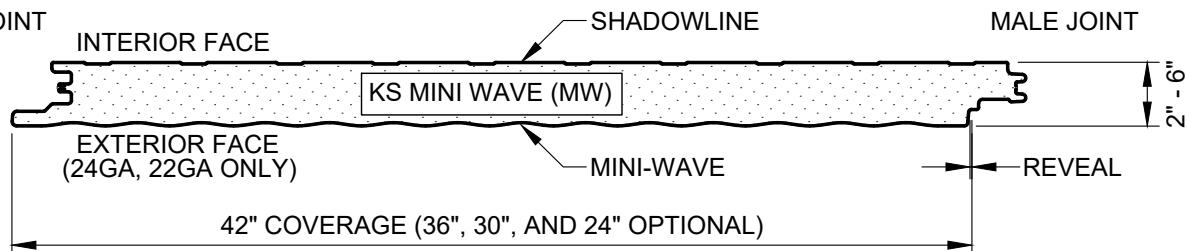
EMBOSSING:  
EXTERIOR: STUCCO / NON-EMBOSSED\*  
INTERIOR: STUCCO / NON-EMBOSSED

STEEL GAUGES:  
EXTERIOR: (REFER TO PROFILE)  
INTERIOR: 26, 24, 22

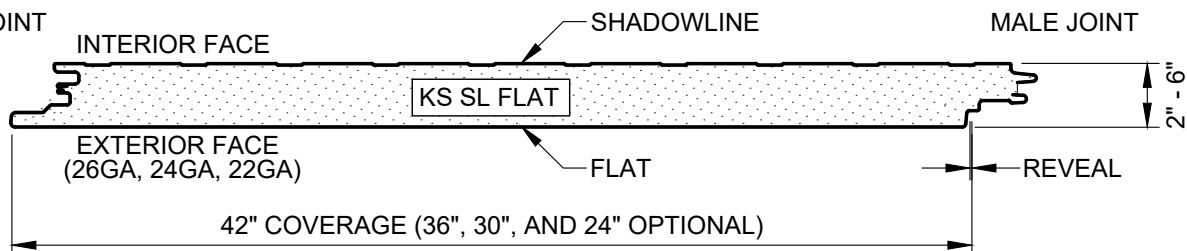
PANEL ORIENTATION: VERTICAL

LENGTHS:  
MINIMUM: 8'-0"  
MAXIMUM: 53'-0"

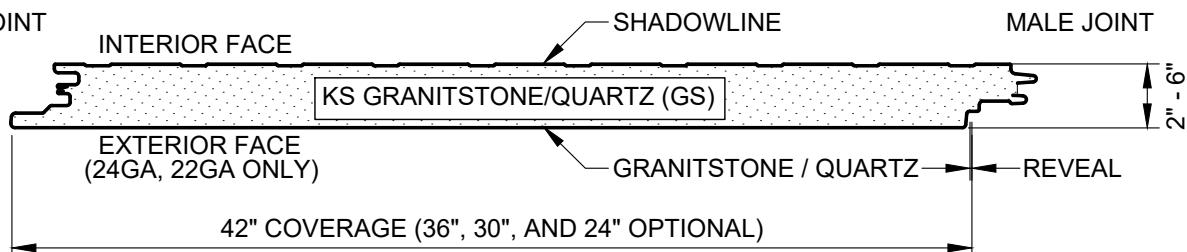
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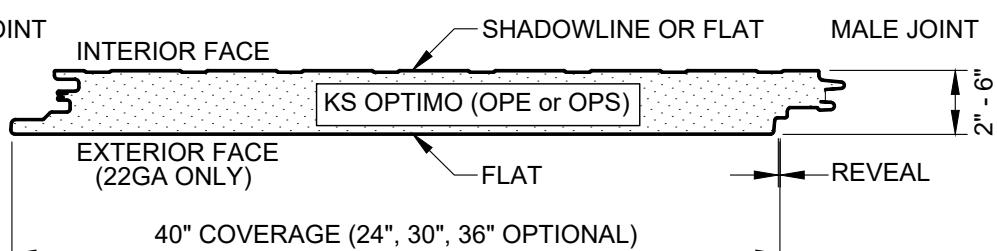
FEMALE JOINT



FEMALE JOINT



FEMALE JOINT



NOTE:

MAX LENGTH: EMBOSSED: 32'-0" OR SMOOTH: 20'-0"

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## PANEL PROFILES

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# KS SERIES - VERTICAL INSTALLATION

CORE DEPTHS:  
2", 2.5", 3", 4", 5", 6"

MODULE WIDTH: 39.375" (39  $\frac{3}{8}$ ")  
(REFER TO PROFILE)

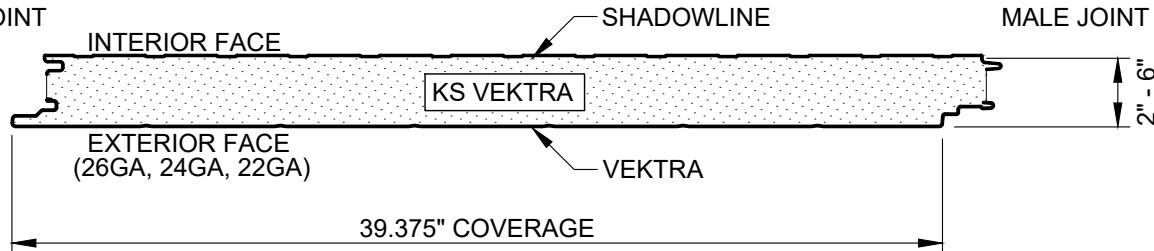
EMBOSSING:  
EXTERIOR: STUCCO / NON-EMBOSSED\*  
INTERIOR: STUCCO / NON-EMBOSSED

STEEL GAUGES:  
EXTERIOR: (REFER TO PROFILE)  
INTERIOR: 26, 24, 22

PANEL ORIENTATION: VERTICAL

LENGTHS:  
MINIMUM: 8'-0"  
MAXIMUM: 53'-0"

FEMALE JOINT



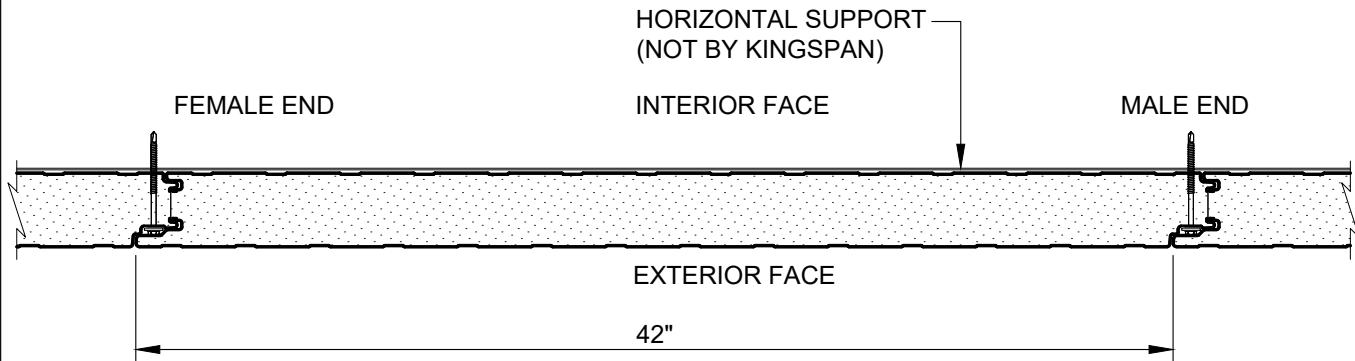
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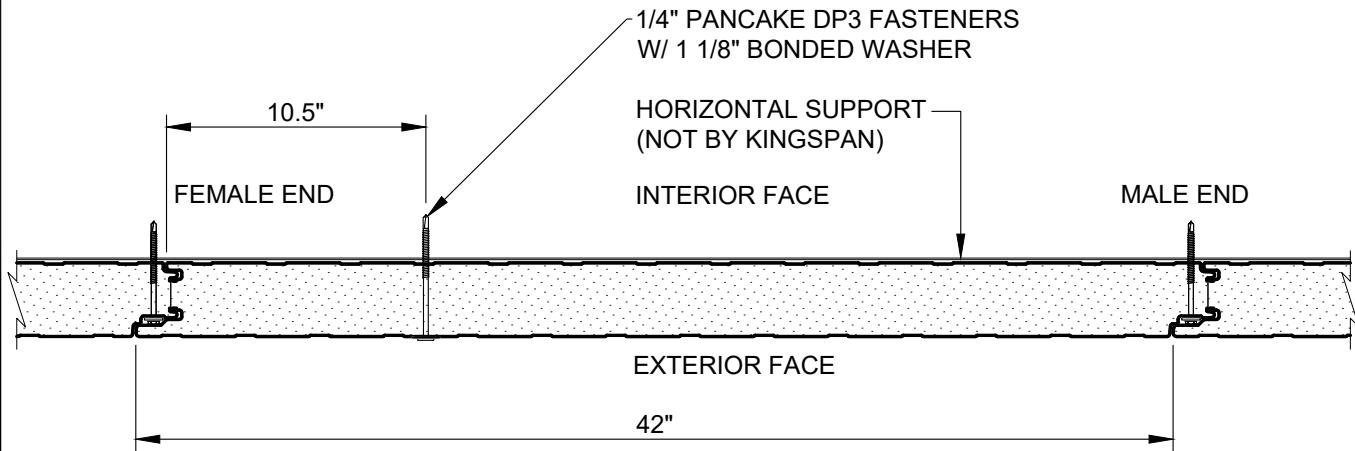
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**FASTENING PATTERN 1B**  
STANDARD SIDE JOINT FASTENING WITH 12 GA. 2-HOLE CLIP AND 1/4" HWH  
DP3 FASTENERS W/O BONDED WASHER PER CLIP



**FASTENING PATTERN 2B**  
STANDARD SIDE JOINT FASTENING WITH 12 GA. 2-HOLE CLIP AND 1/4" HWH  
DP3 FASTENERS W/O BONDED WASHER PER CLIP / ADDITIONAL 1/4"  
PANCAKE DP3 FASTENERS W/ 1 1/8" BONDED WASHER SPACED AT 10.5"  
FROM FEMALE JOINT

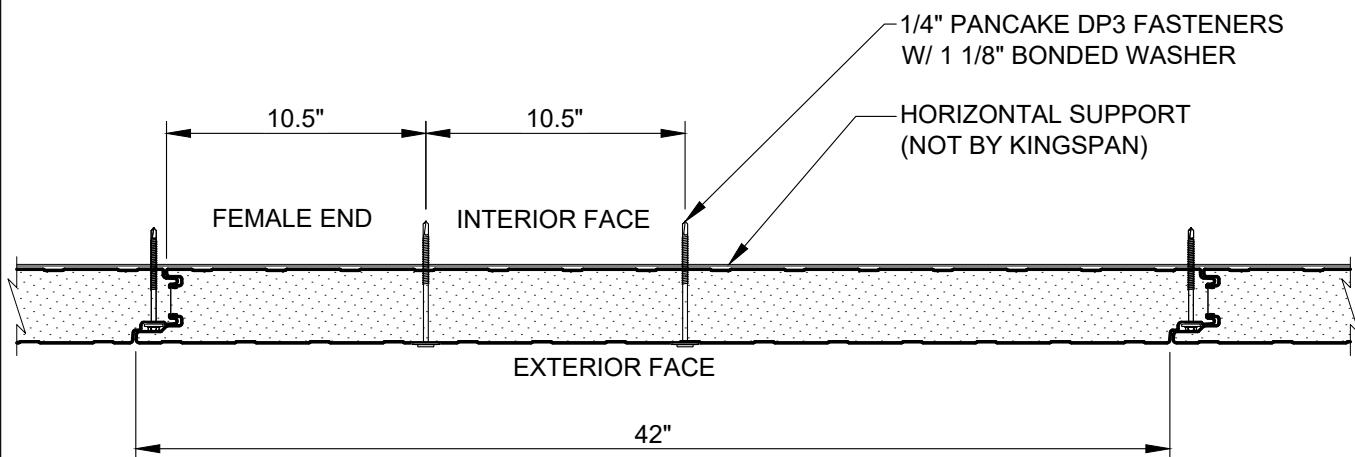
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FASTENING PATTERNS

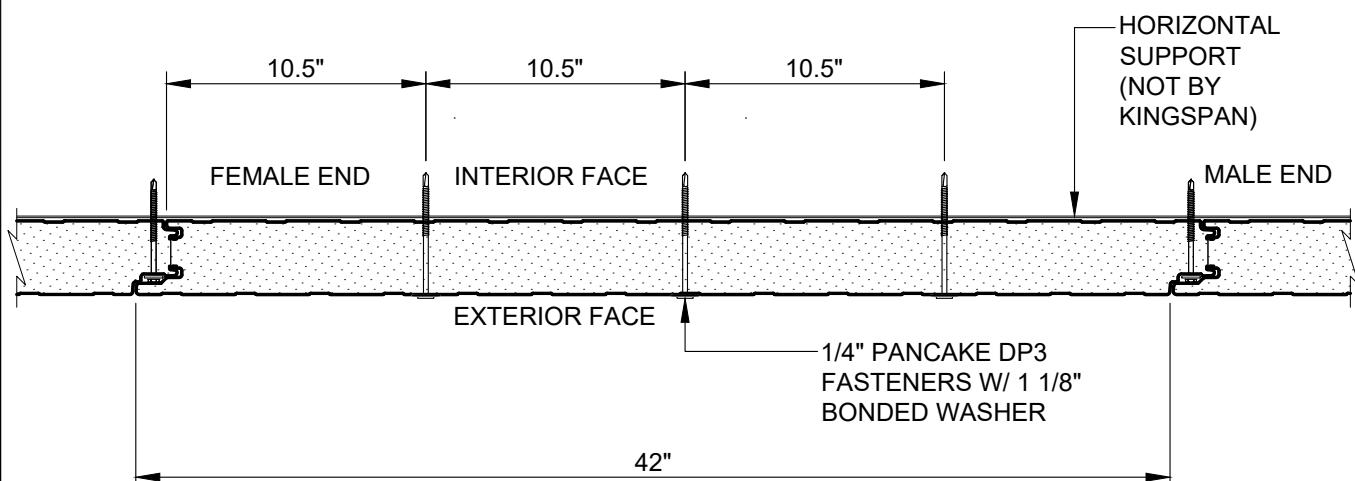
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**FASTENING PATTERN 3B**  
 STANDARD SIDE JOINT FASTENING WITH 12 GA. 2-HOLE CLIP AND 1/4" HWH  
 DP3 FASTENERS W/O BONDED WASHER PER CLIP / ADDITIONAL 1/4"  
 PANCAKE DP3 FASTENERS W/ 1 1/8" BONDED WASHER SPACED AT 10.5"  
 FROM FEMALE JOINT



**FASTENING PATTERN 4B**  
 STANDARD SIDE JOINT FASTENING WITH 12 GA. 2-HOLE CLIP AND 1/4" HWH  
 DP3 FASTENERS W/O BONDED WASHER PER CLIP / ADDITIONAL 1/4"  
 PANCAKE DP3 FASTENERS W/ 1 1/8" BONDED WASHER SPACED AT 10.5"  
 FROM FEMALE JOINT

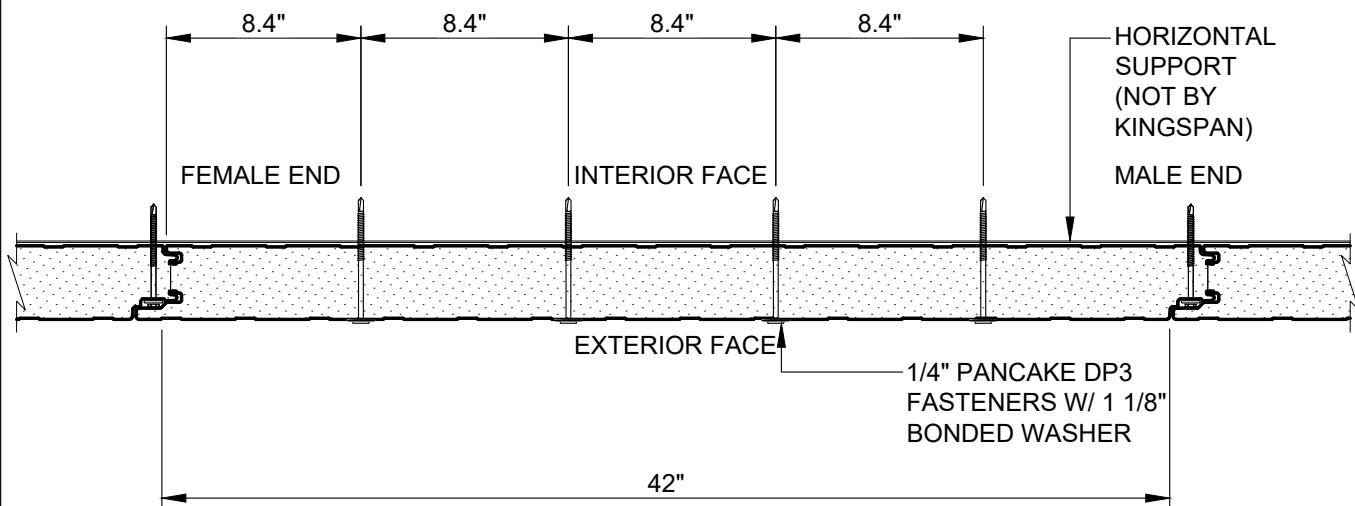
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FASTENING PATTERNS

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**FASTENING PATTERN 5B**  
STANDARD SIDE JOINT FASTENING WITH 12 GA. 2-HOLE CLIP AND 1/4" HWH  
DP3 FASTENERS W/O BONDED WASHER PER CLIP / ADDITIONAL 1/4"  
PANCAKE DP3 FASTENERS W/ 1 1/8" BONDED WASHER SPACED AT 8.4"  
FROM FEMALE JOINT

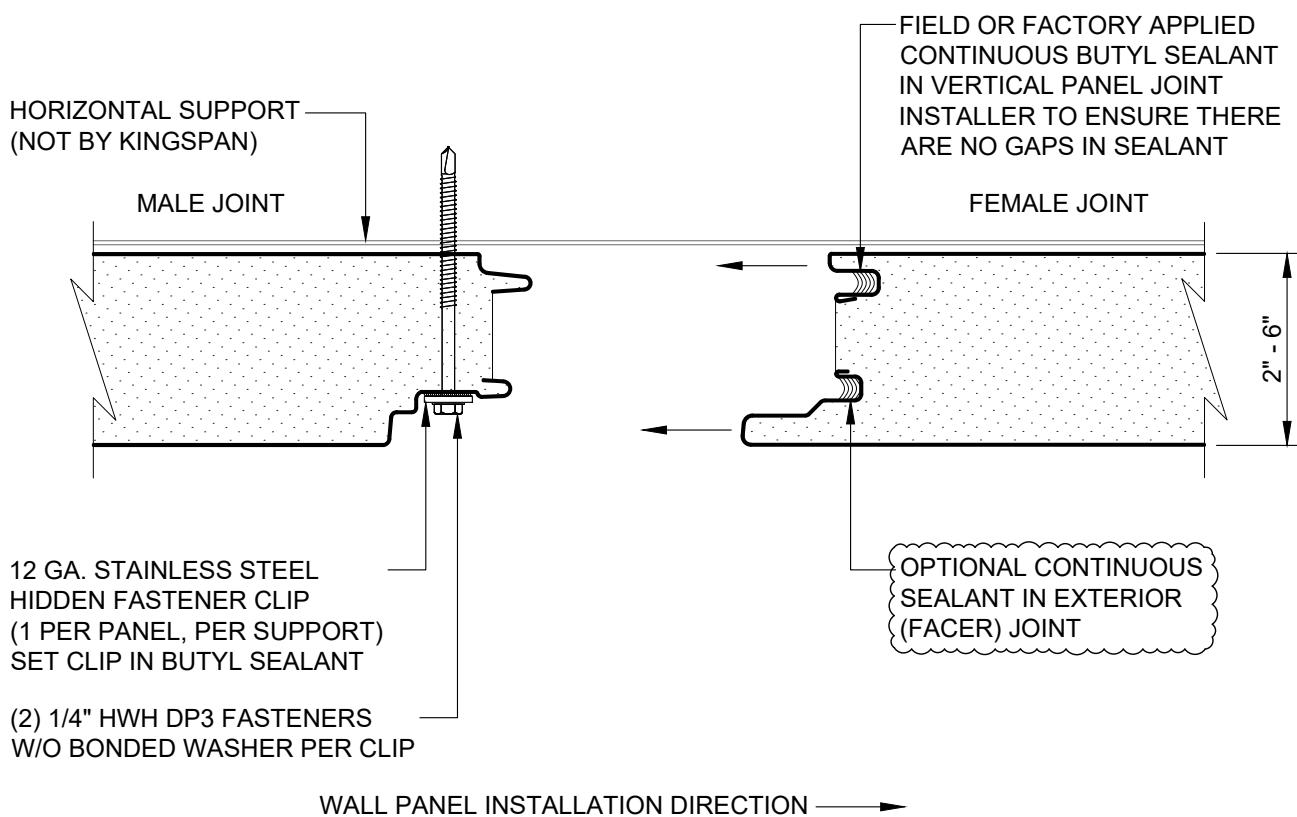
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## FASTENING PATTERNS

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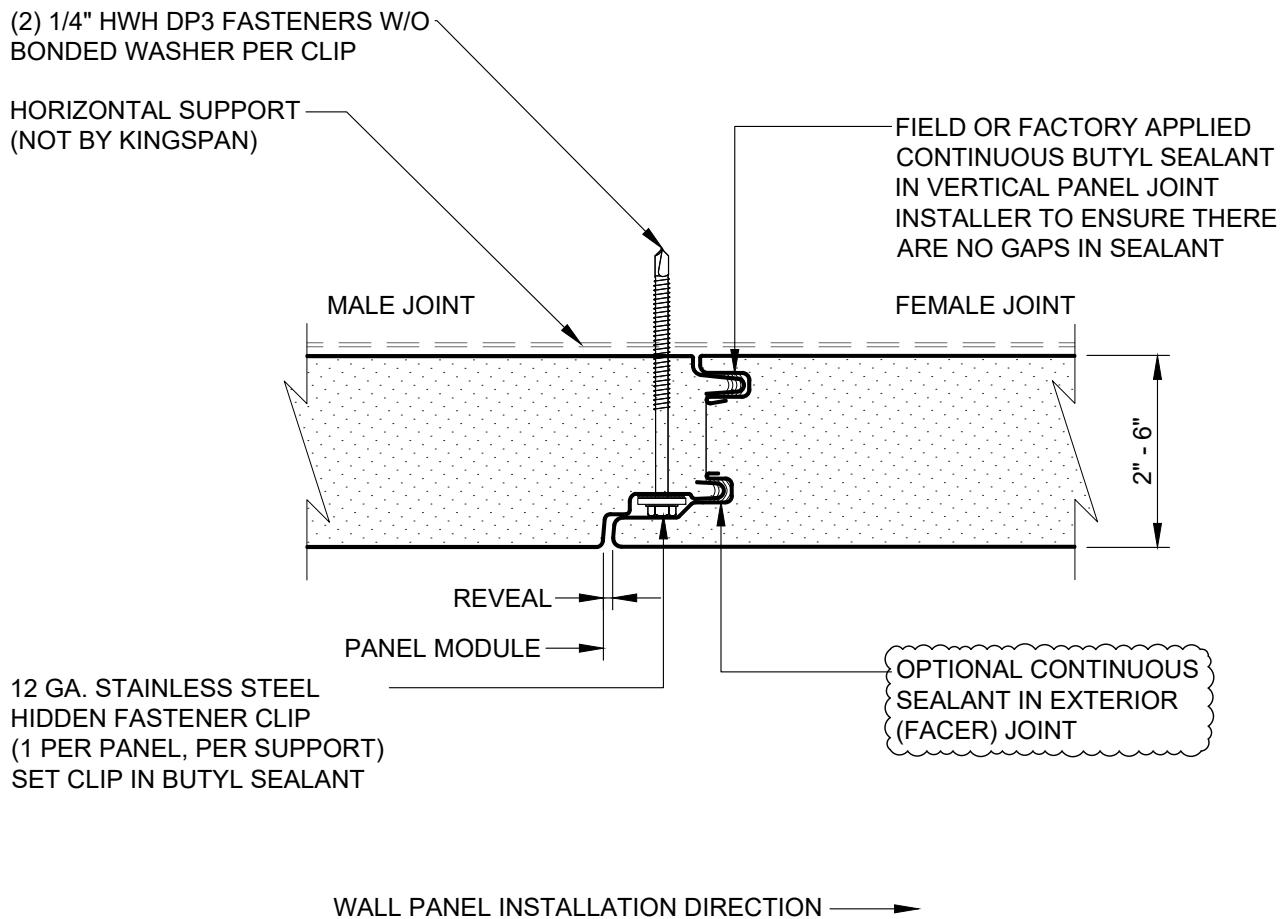
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EXPANDED  
PANEL JOINT

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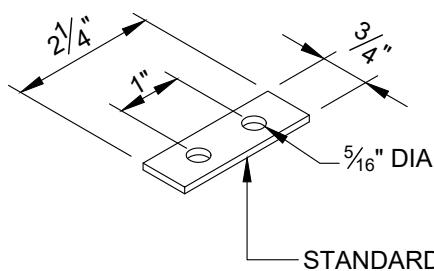
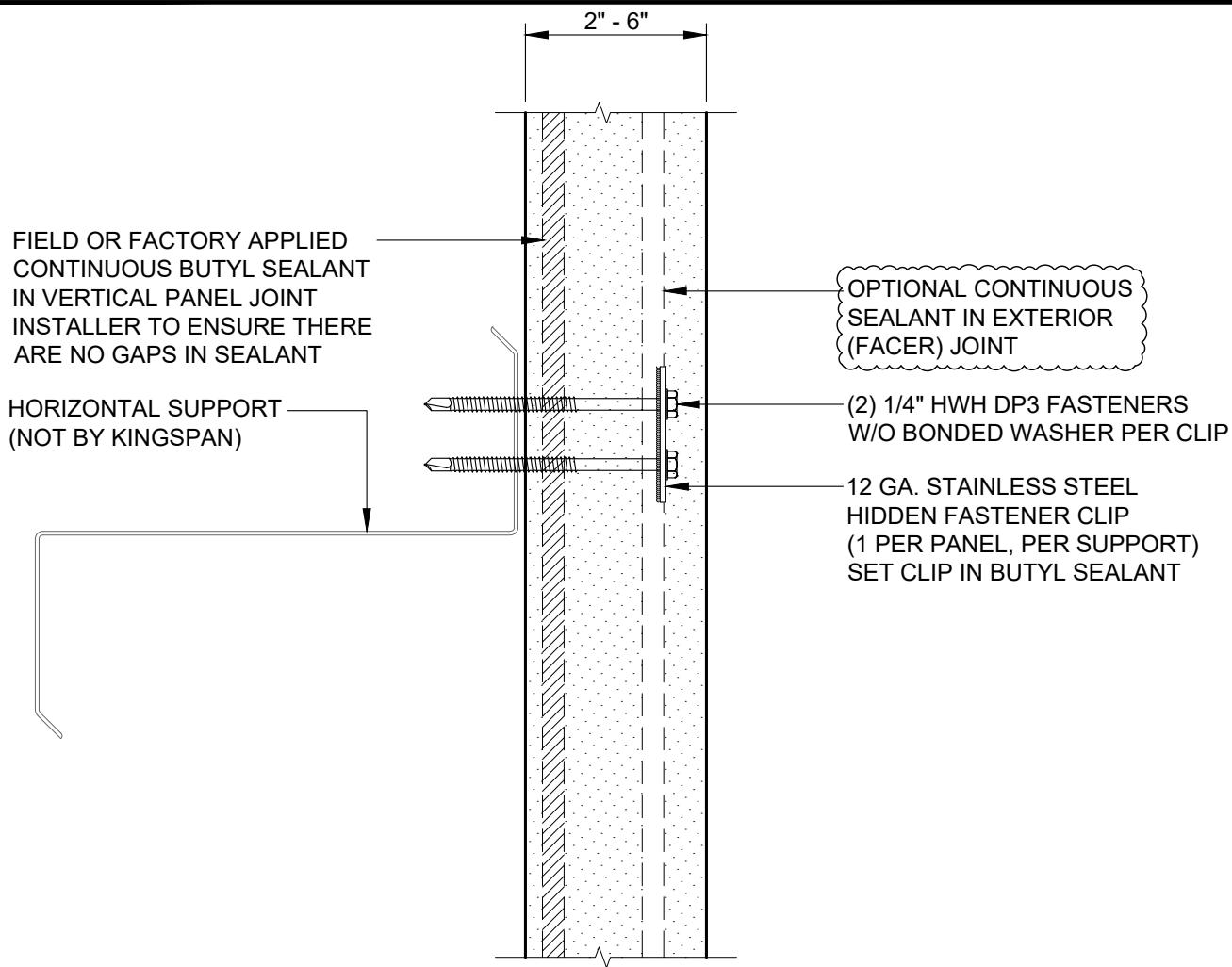
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ENGAGED  
PANEL JOINT

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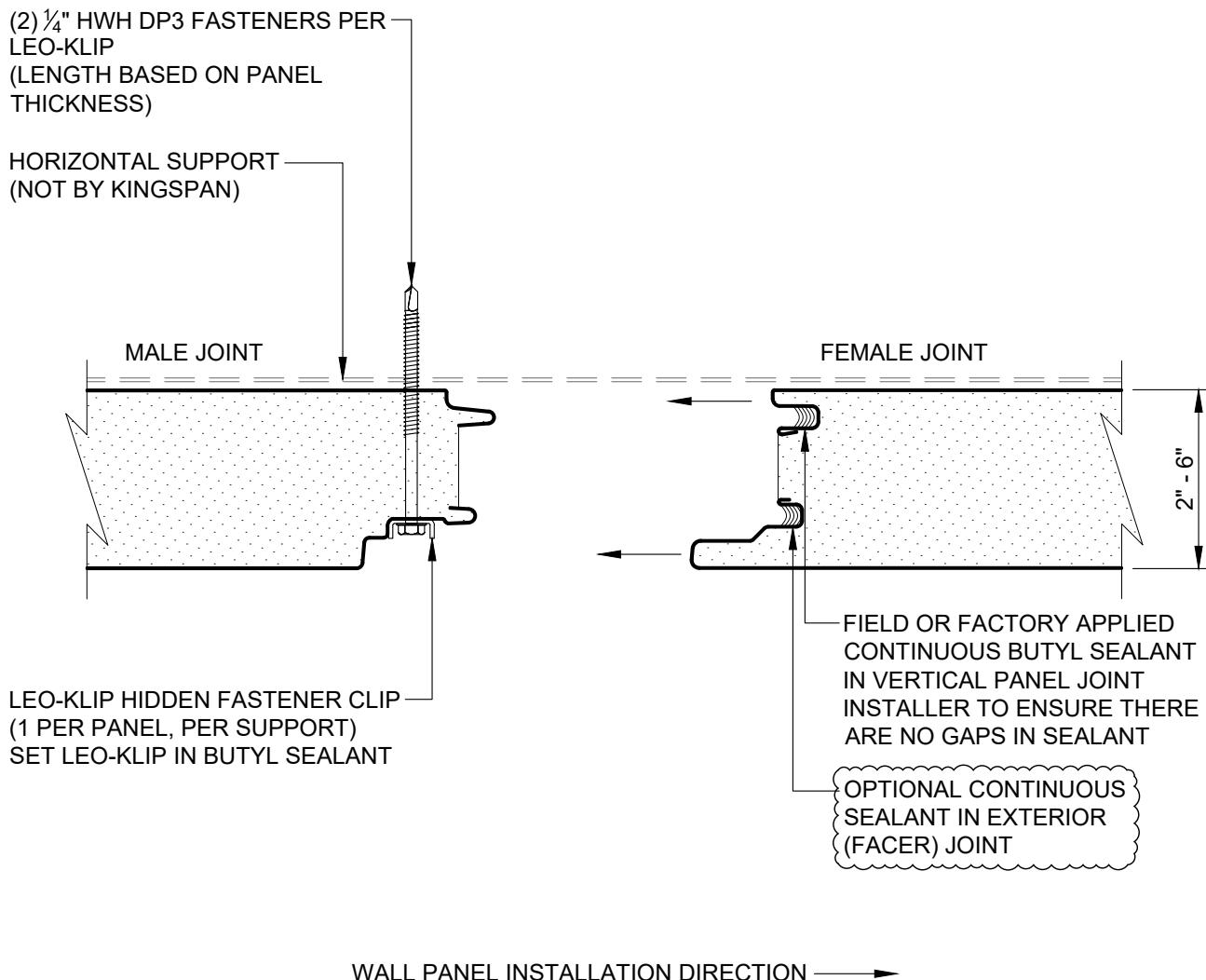
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INTERMEDIATE SUPPORT

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SEE LEO-KLIP INSTALLATION DETAILS FOR ADDITIONAL FASTENING REQUIREMENTS.

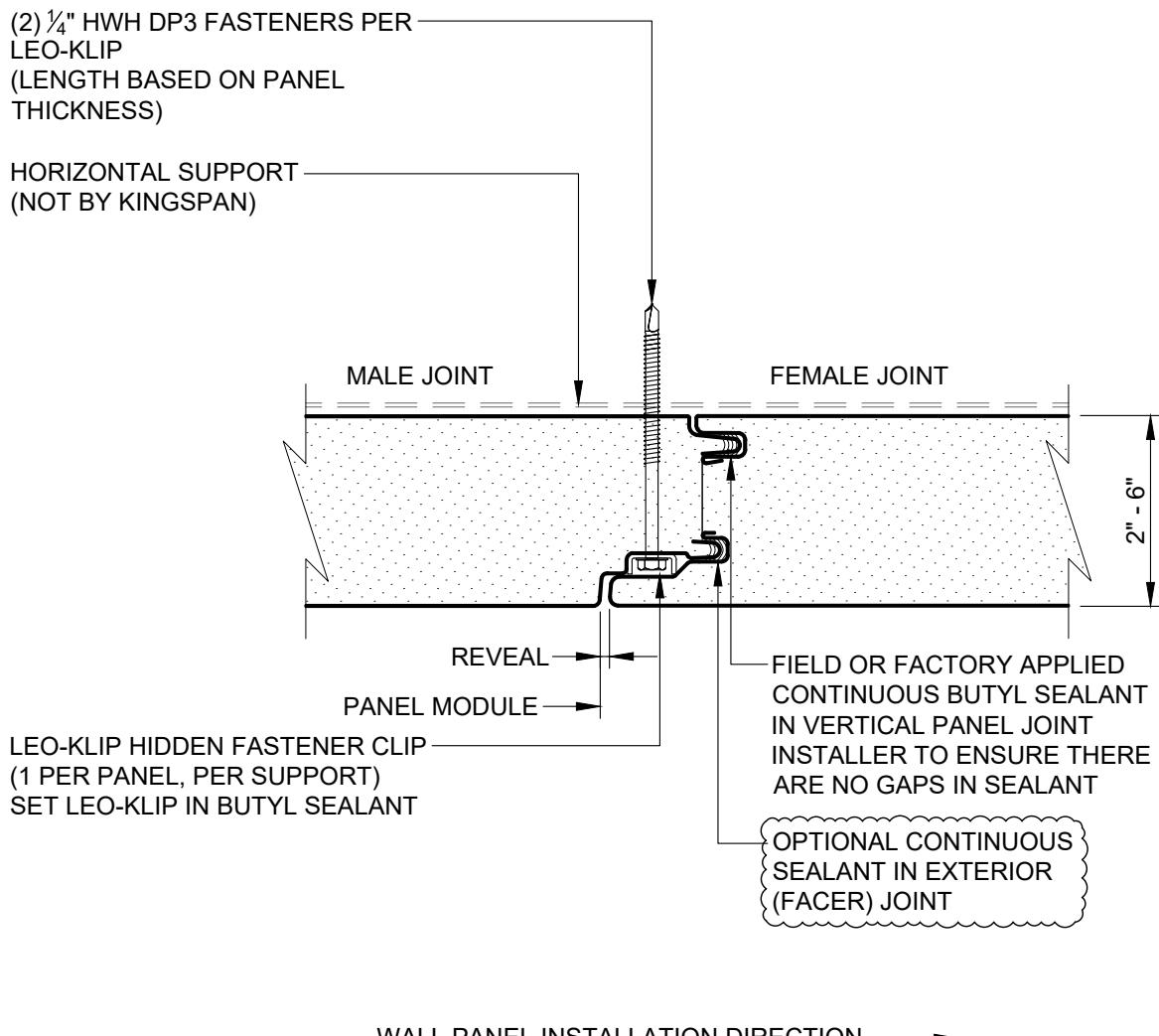
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EXPANDED PANEL JOINT W/  
LEO-KLIP & FASTENERS

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SEE LEO-KLIP INSTALLATION DETAILS FOR ADDITIONAL FASTENING REQUIREMENTS.

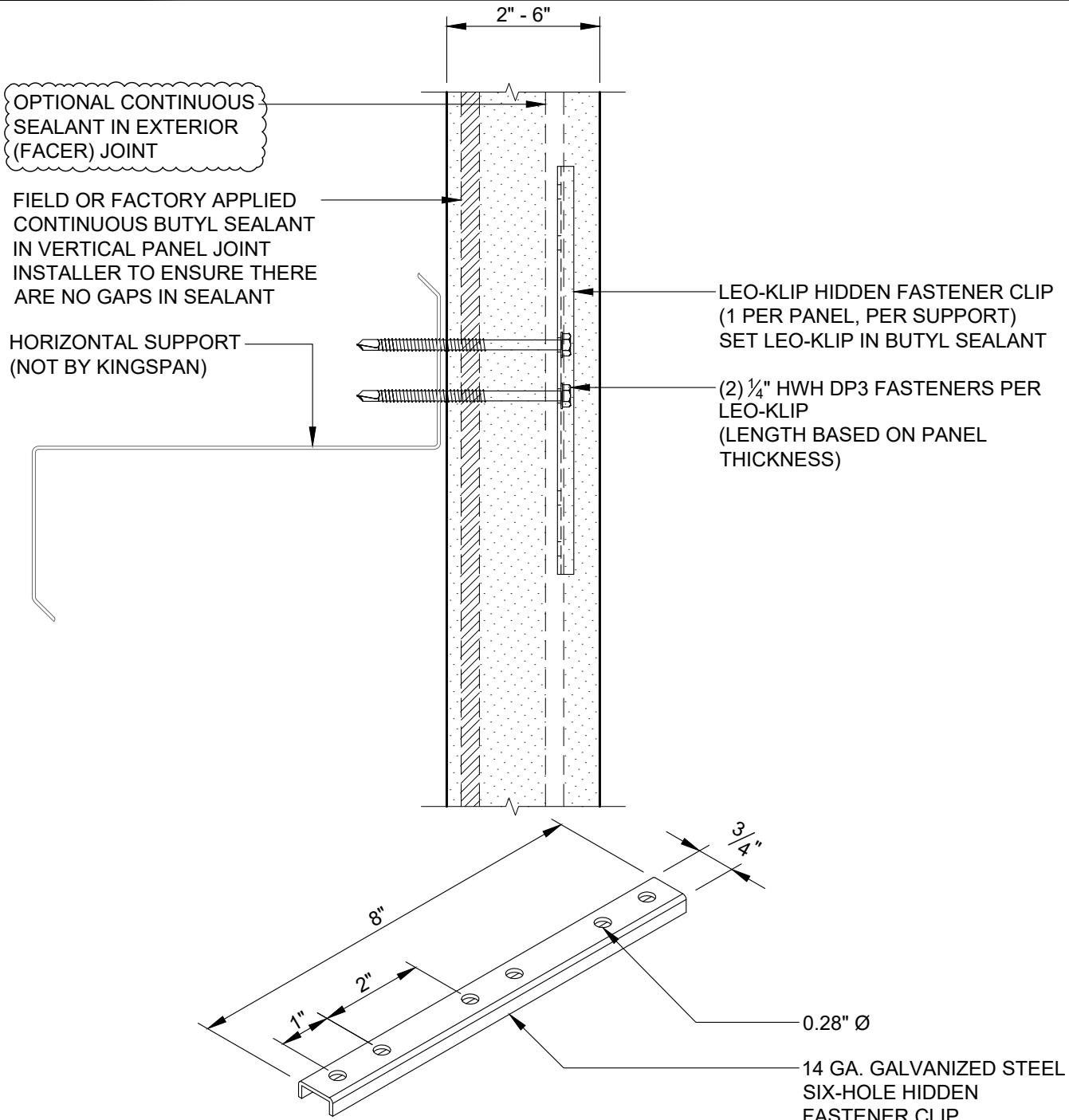
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ENGAGED PANEL JOINT W/  
LEO-KLIP & FASTENERS

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SEE LEO-KLIP INSTALLATION DETAILS FOR ADDITIONAL FASTENING REQUIREMENTS.

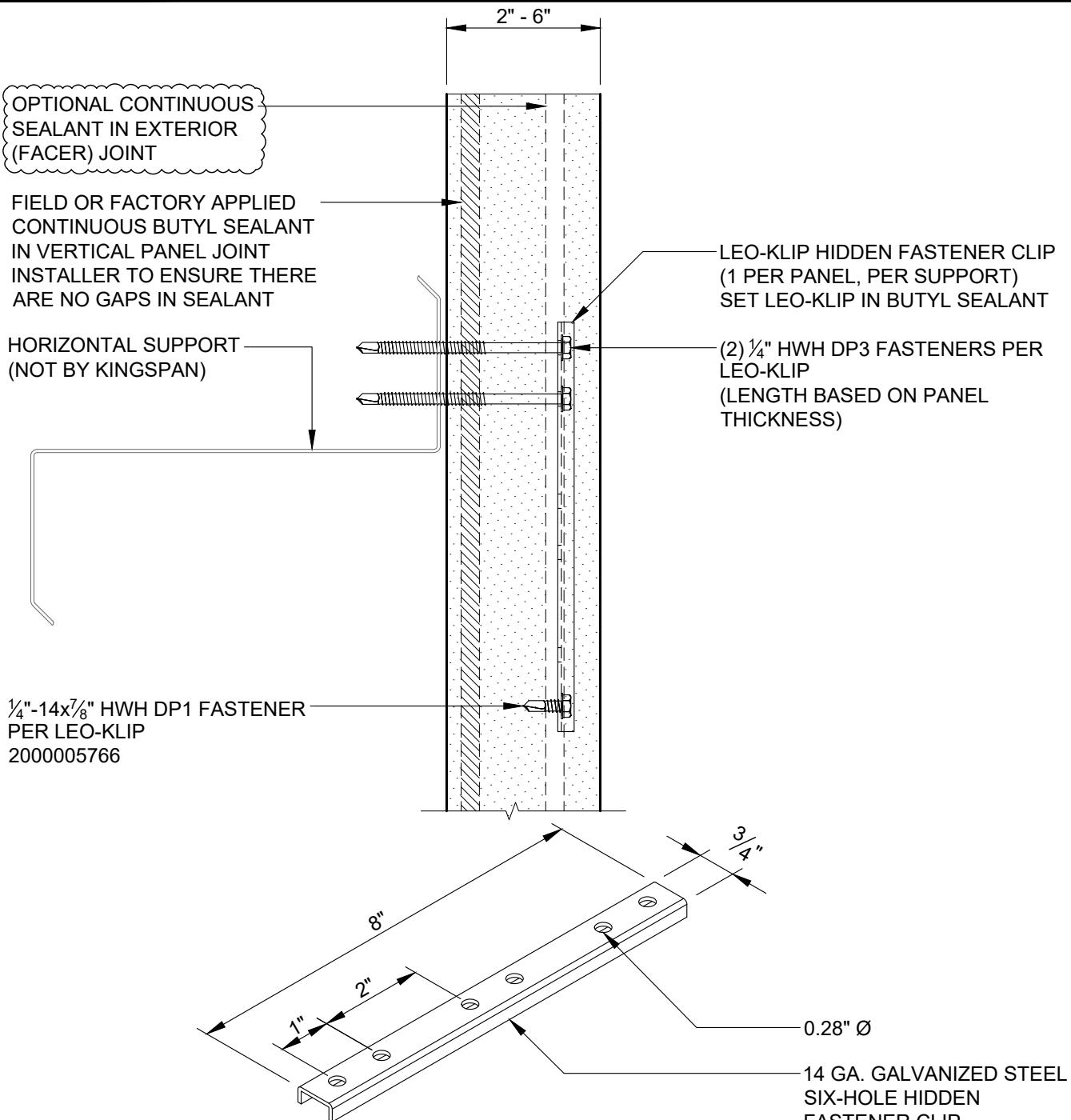
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INTERMEDIATE SUPPORT W/  
LEO-KLIP & FASTENERS

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SEE LEO-KLIP INSTALLATION DETAILS FOR ADDITIONAL FASTENING REQUIREMENTS.

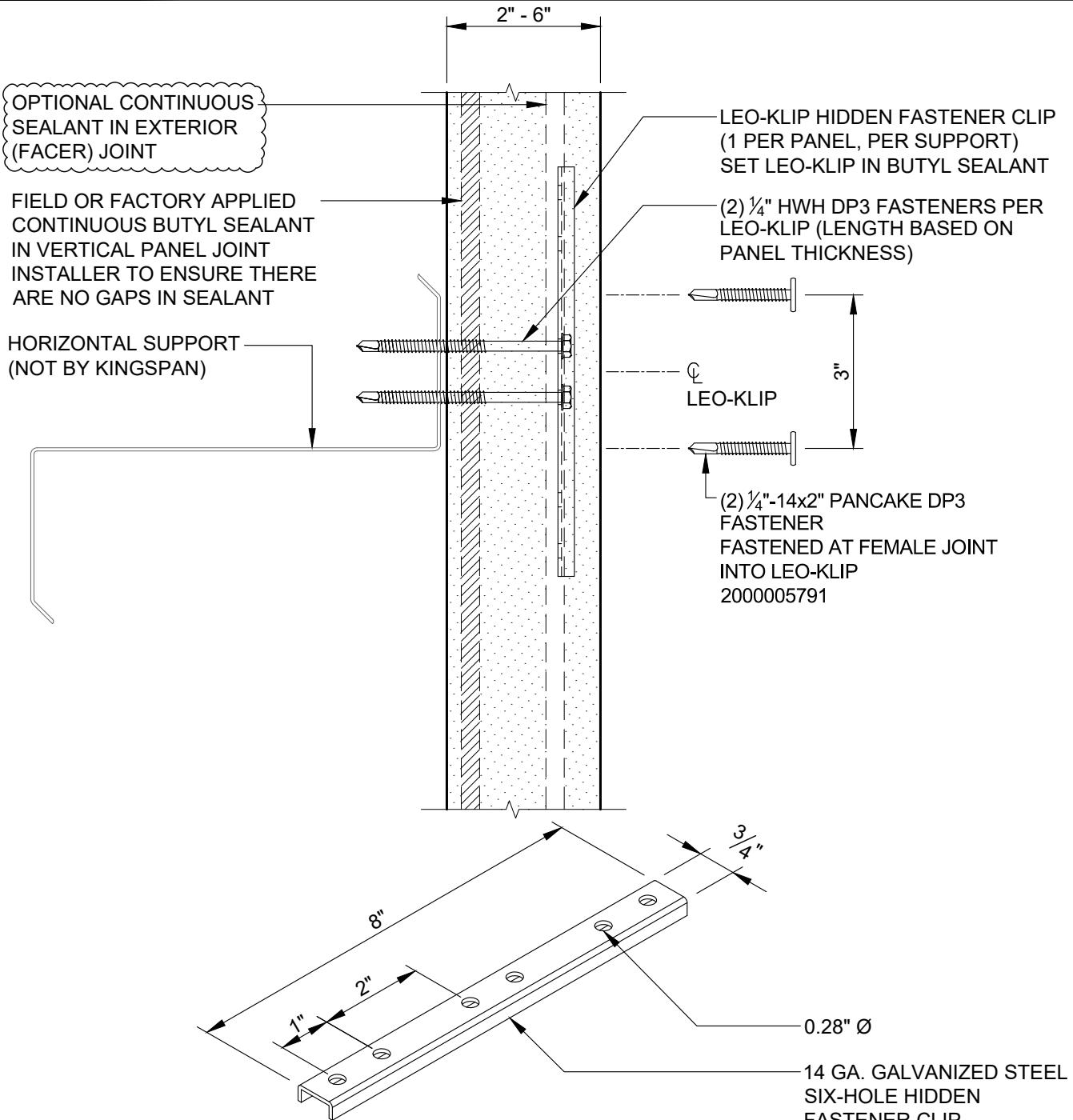
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LEO-KLIP & FASTENERS SECTION  
END OF PANEL CONDITION

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SEE LEO-KLIP INSTALLATION DETAILS FOR ADDITIONAL FASTENING REQUIREMENTS.

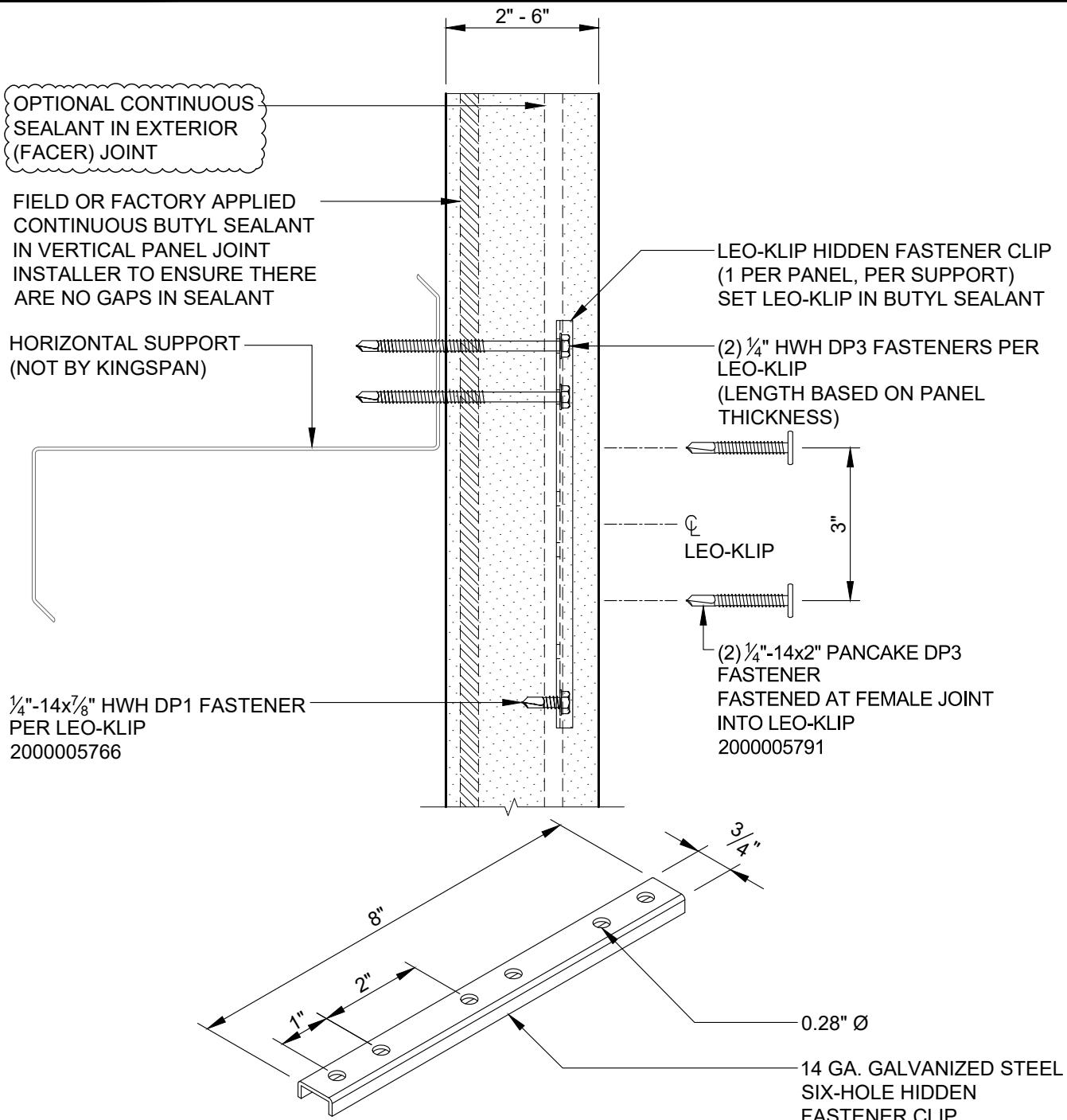
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INTERMEDIATE SUPPORT W/  
LEO-KLIP+ & FASTENERS

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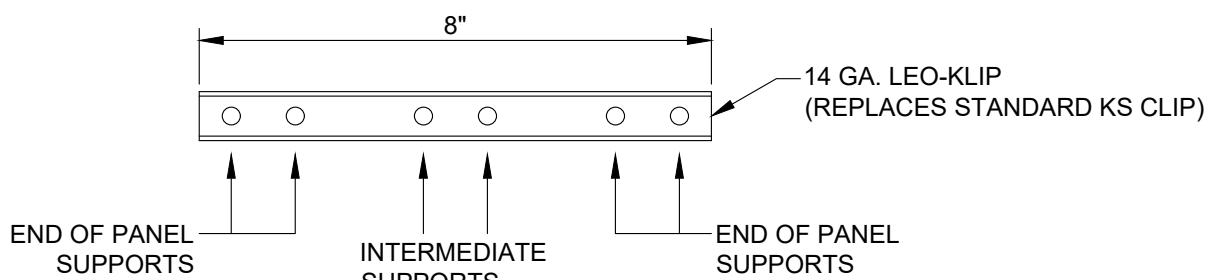
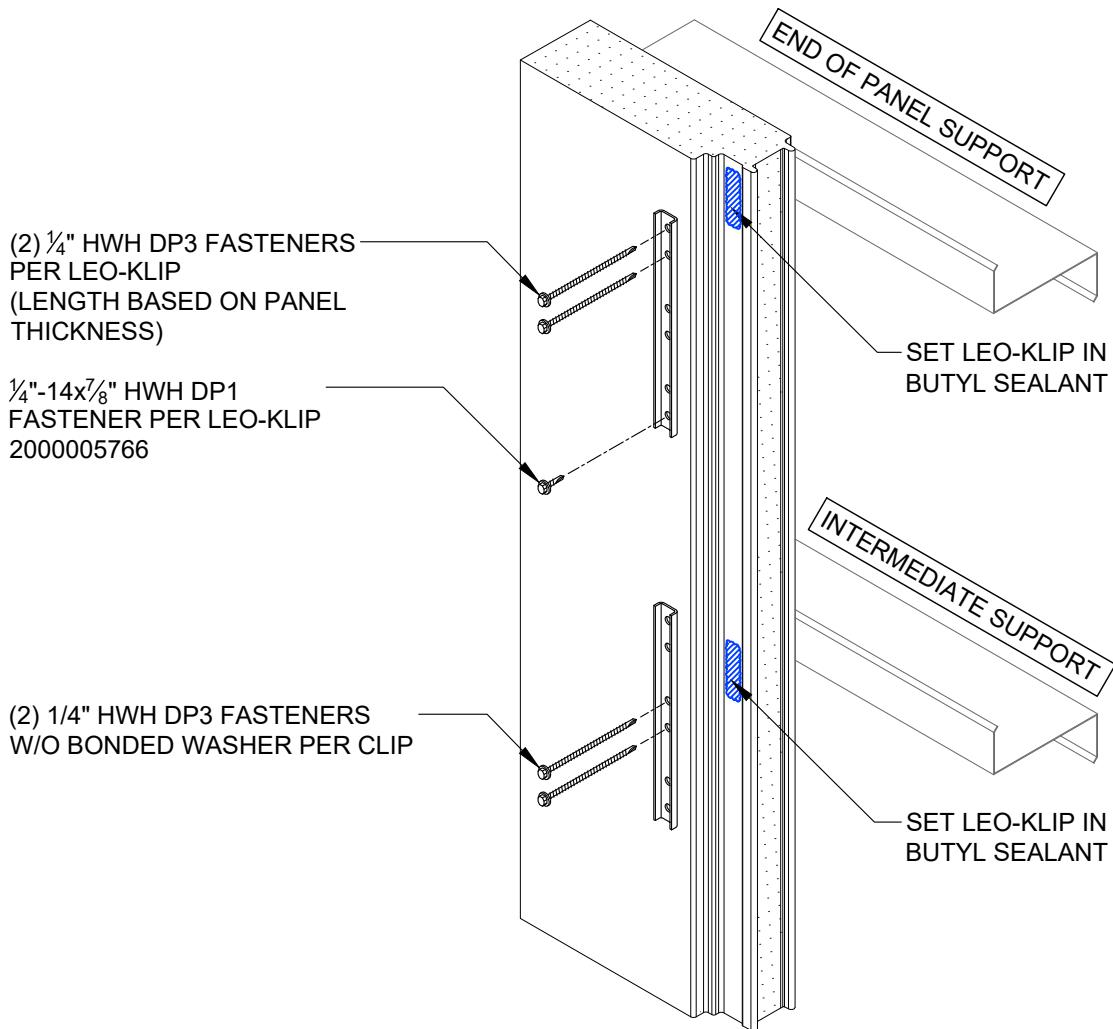
LEO-KLIP+ & FASTENERS SECTION  
END OF PANEL CONDITION

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# KS SERIES - VERTICAL INSTALLATION

LEO-KLIP INSTALLATION  
KS SERIES QUADCORE



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LEO-KLIP & FASTENERS  
ISOMETRIC

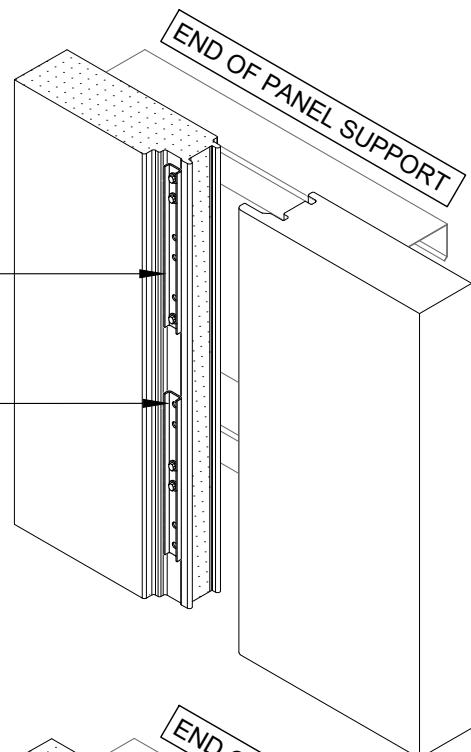
DETAIL #: CI-PJ-10-KSV  
RELEASE: 2026  
REGION: NORTH AMERICA  
[www.kingspanpanels.com](http://www.kingspanpanels.com)

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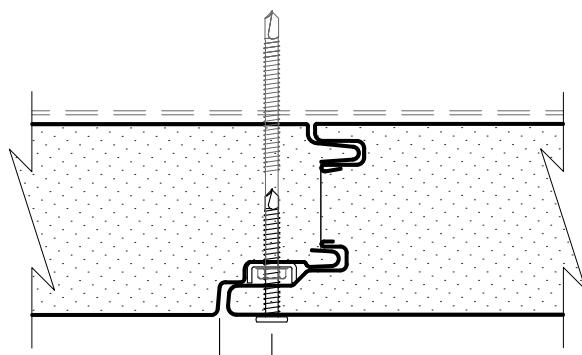
# KS SERIES - VERTICAL INSTALLATION

## LEO-KLIP+ INSTALLATION KS SERIES QUADCORE

LEO-KLIP INSTALLATION  
(END OF PANEL CONDITION)

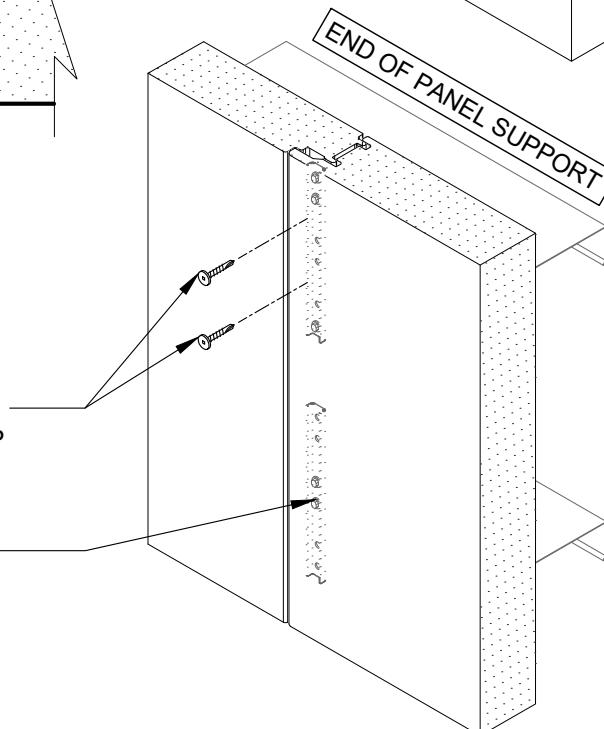


LEO-KLIP INSTALLATION  
(INTERMEDIATE CONDITION)



(2)  $\frac{1}{4}$ "-14x2" PANCAKE DP3 FASTENER  
FASTENED AT FEMALE JOINT INTO LEO-KLIP  
2000005791

LEO-KLIP INSTALLATION  
(INTERMEDIATE CONDITION)



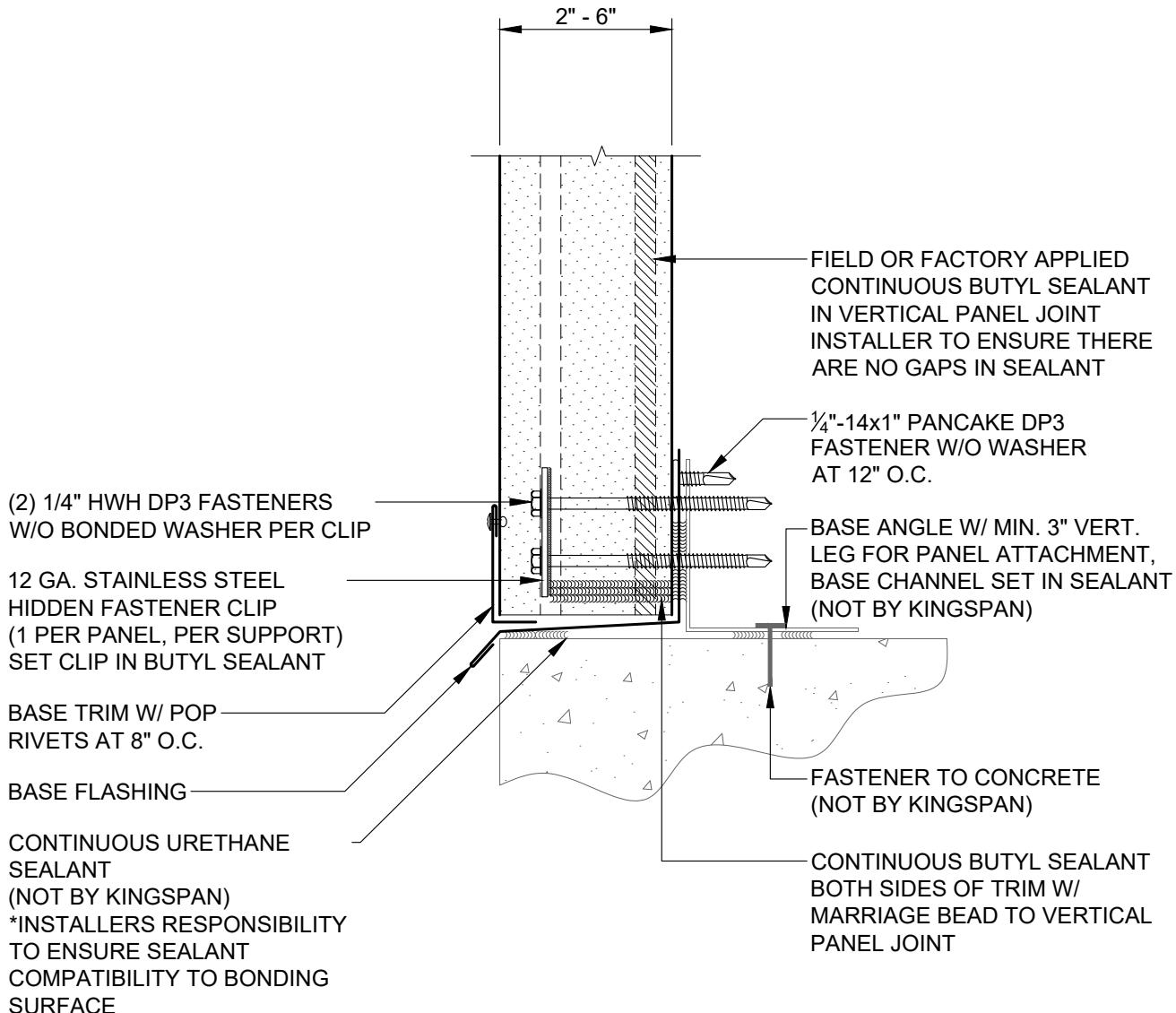
REVISION	
REVISION #	DATE
11	1/30/26

LEO-KLIP+ & FASTENERS  
ISOMETRIC

DETAIL #: CI-PJ-11-KSV  
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# KS SERIES - VERTICAL INSTALLATION



NOTE: SEE DETAIL CI-TL-01-KSV AND CI-TL-02-KSV FOR TYPICAL TRIM LAP INSTRUCTIONS

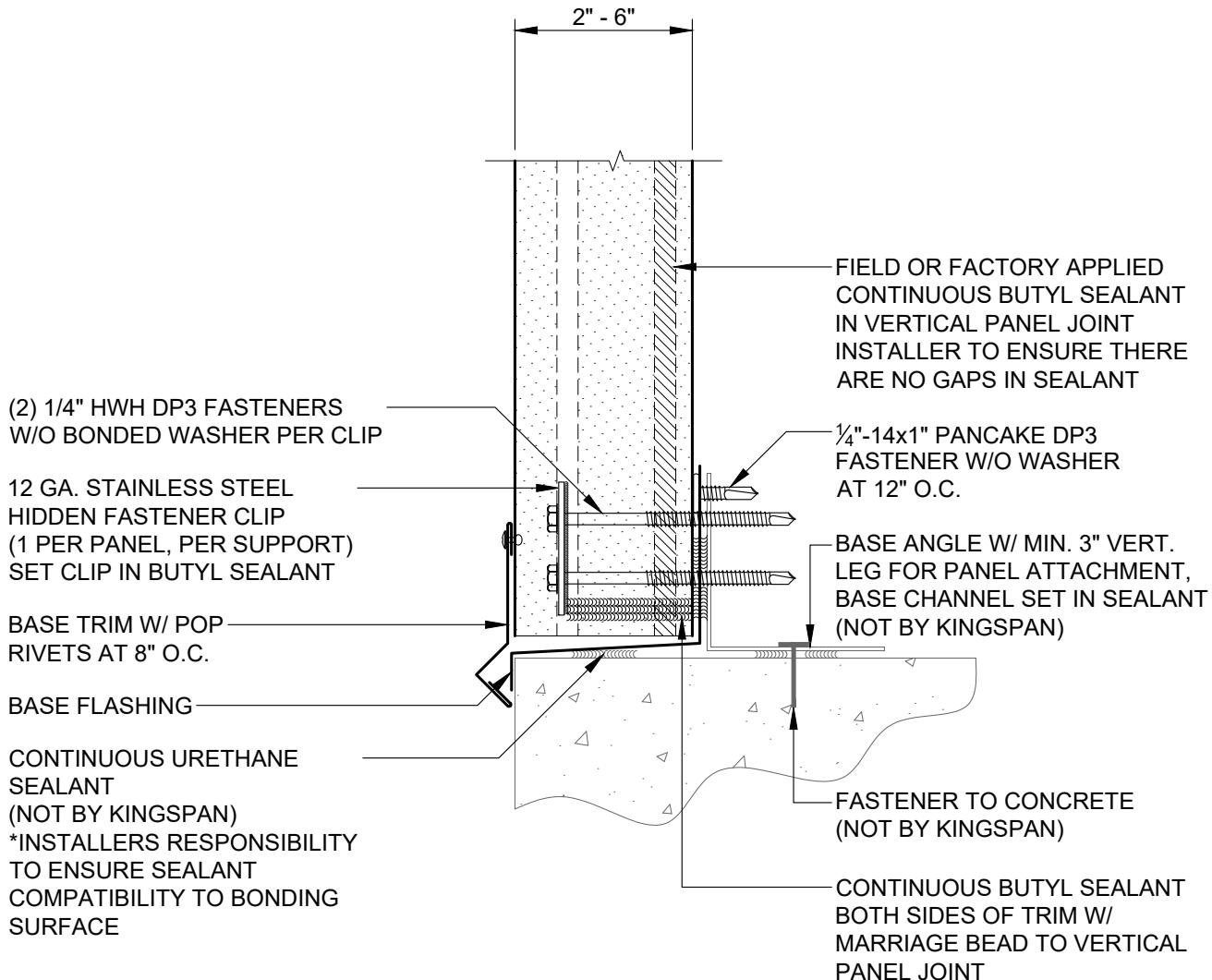
REVISION	
REVISION #	DATE
11	1/30/26

FLUSH BASE

DETAIL #: CI-BS-01-KSV  
RELEASE: 2026  
REGION: NORTH AMERICA  
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# KS SERIES - VERTICAL INSTALLATION



NOTE: SEE DETAIL CI-TL-01-KSV AND CI-TL-02-KSV FOR TYPICAL TRIM LAP INSTRUCTIONS

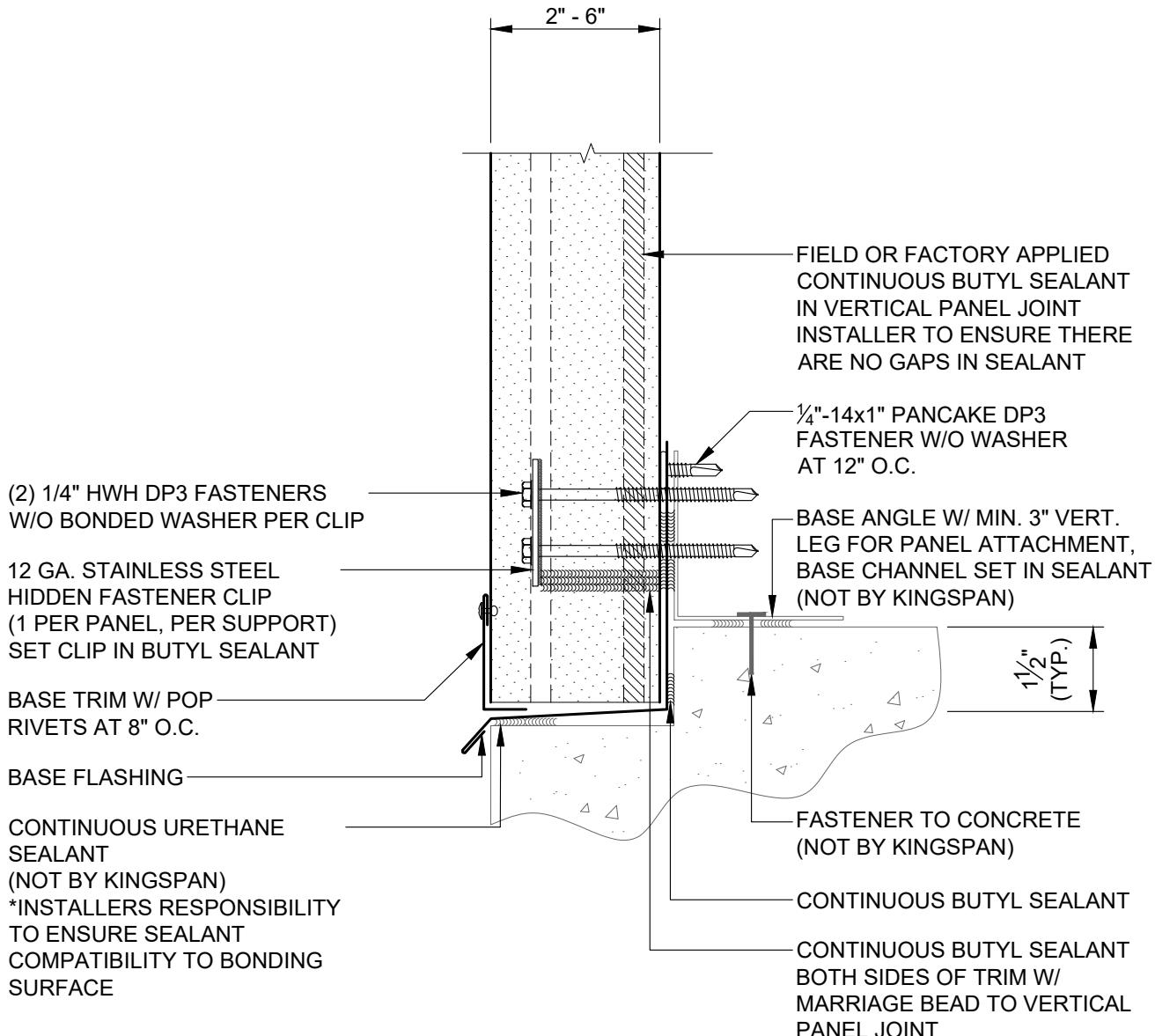
REVISION	
REVISION #	DATE
11	1/30/26

FLUSH BASE 2

DETAIL #: CI-BS-02-KSV  
RELEASE: 2026  
REGION: NORTH AMERICA  
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# KS SERIES - VERTICAL INSTALLATION



NOTE: SEE DETAIL CI-TL-01-KSV AND CI-TL-02-KSV FOR TYPICAL TRIM LAP INSTRUCTIONS

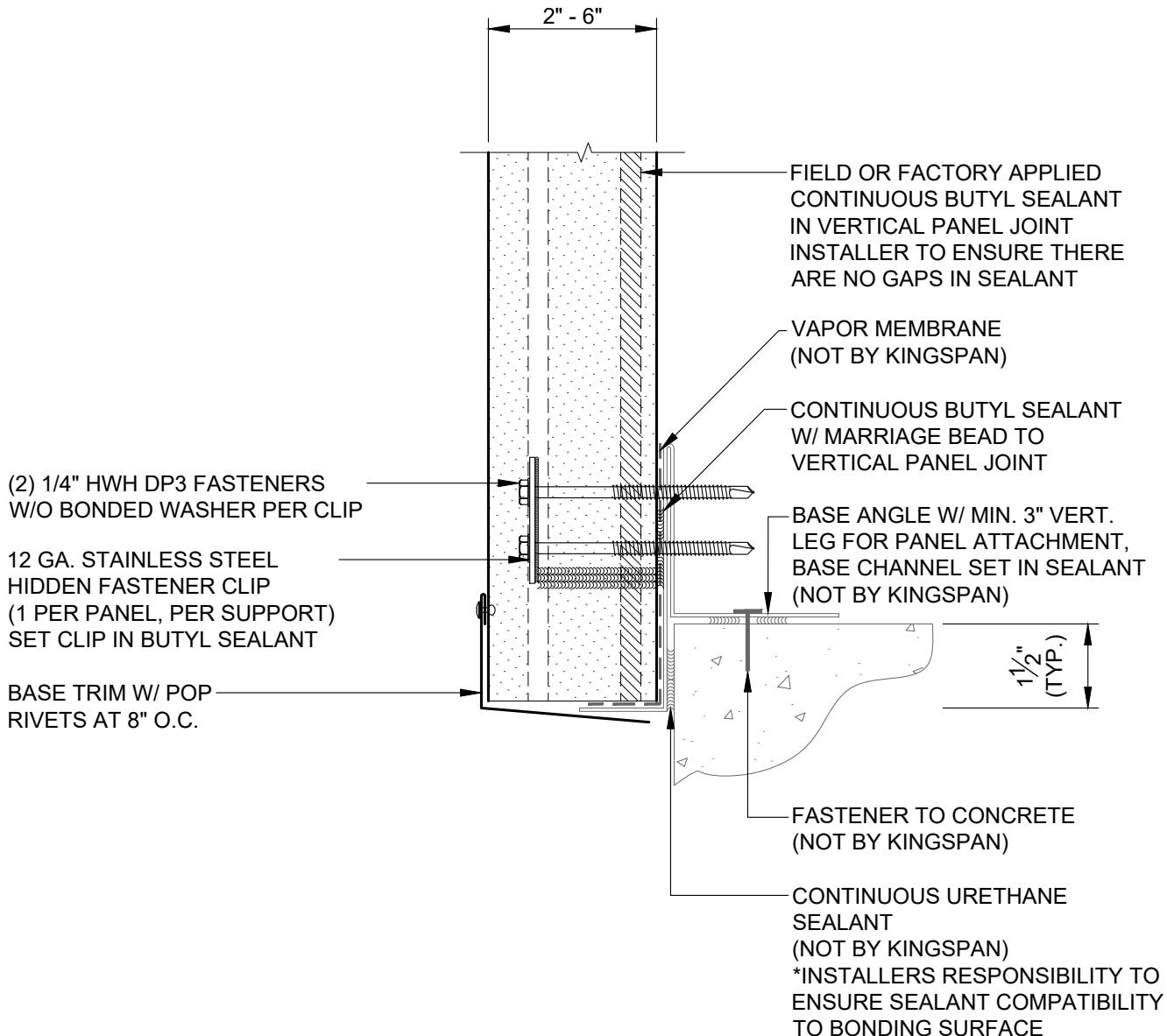
REVISION	
REVISION #	DATE
11	1/30/26

BASE AT NOTCHED  
CONCRETE

DETAIL #: CI-BS-03-KSV  
RELEASE: 2026  
REGION: NORTH AMERICA  
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# KS SERIES - VERTICAL INSTALLATION



NOTE: SEE DETAIL CI-TL-01-KSV AND CI-TL-02-KSV FOR TYPICAL TRIM LAP INSTRUCTIONS

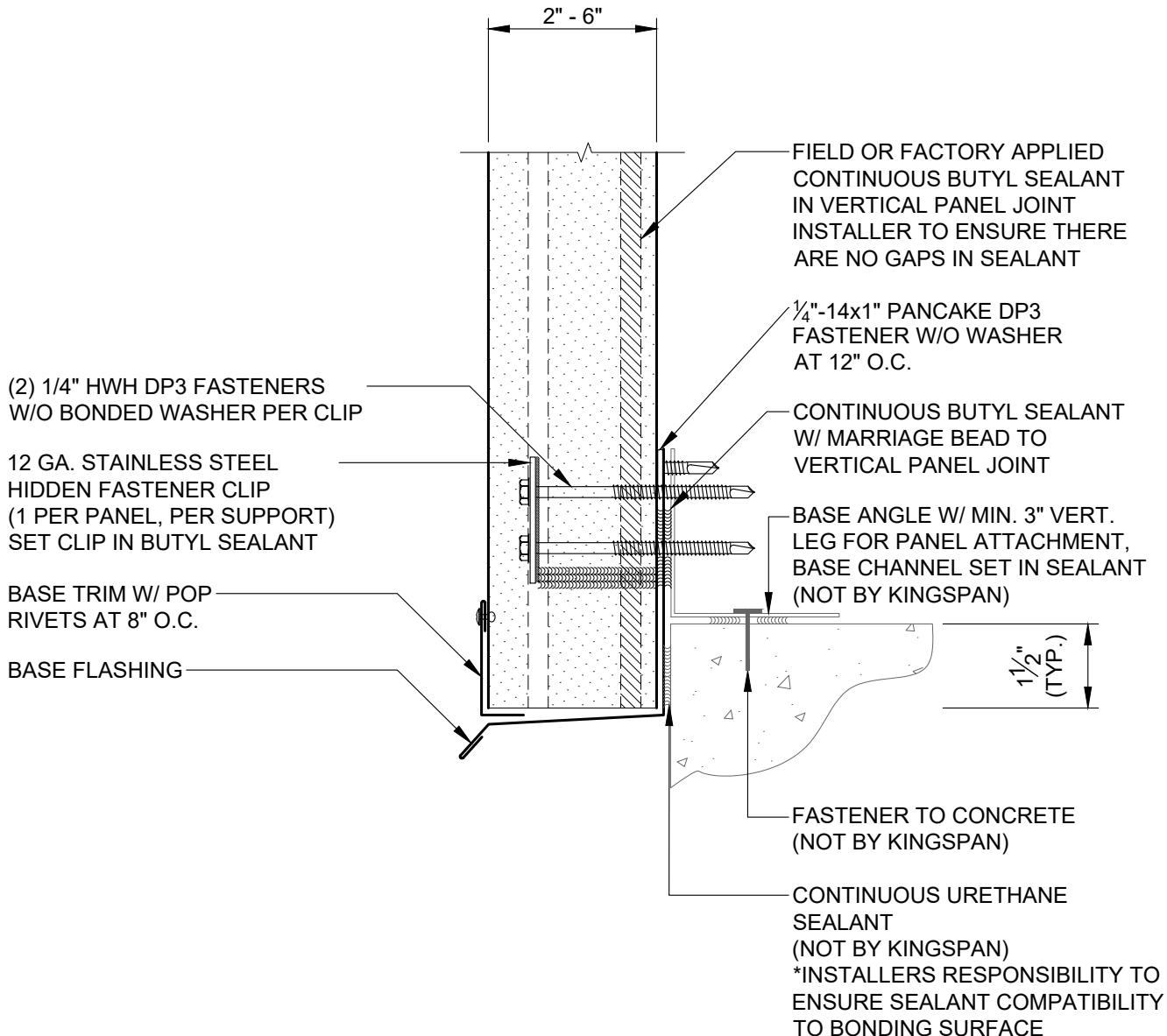
REVISION	
REVISION #	DATE
11	1/30/26

OVERHANG W/  
BASE SUPPORT

DETAIL #: CI-BS-04-KSV  
RELEASE: 2026  
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# KS SERIES - VERTICAL INSTALLATION



NOTE: SEE DETAIL CI-TL-01-KSV AND CI-TL-02-KSV FOR TYPICAL TRIM LAP INSTRUCTIONS

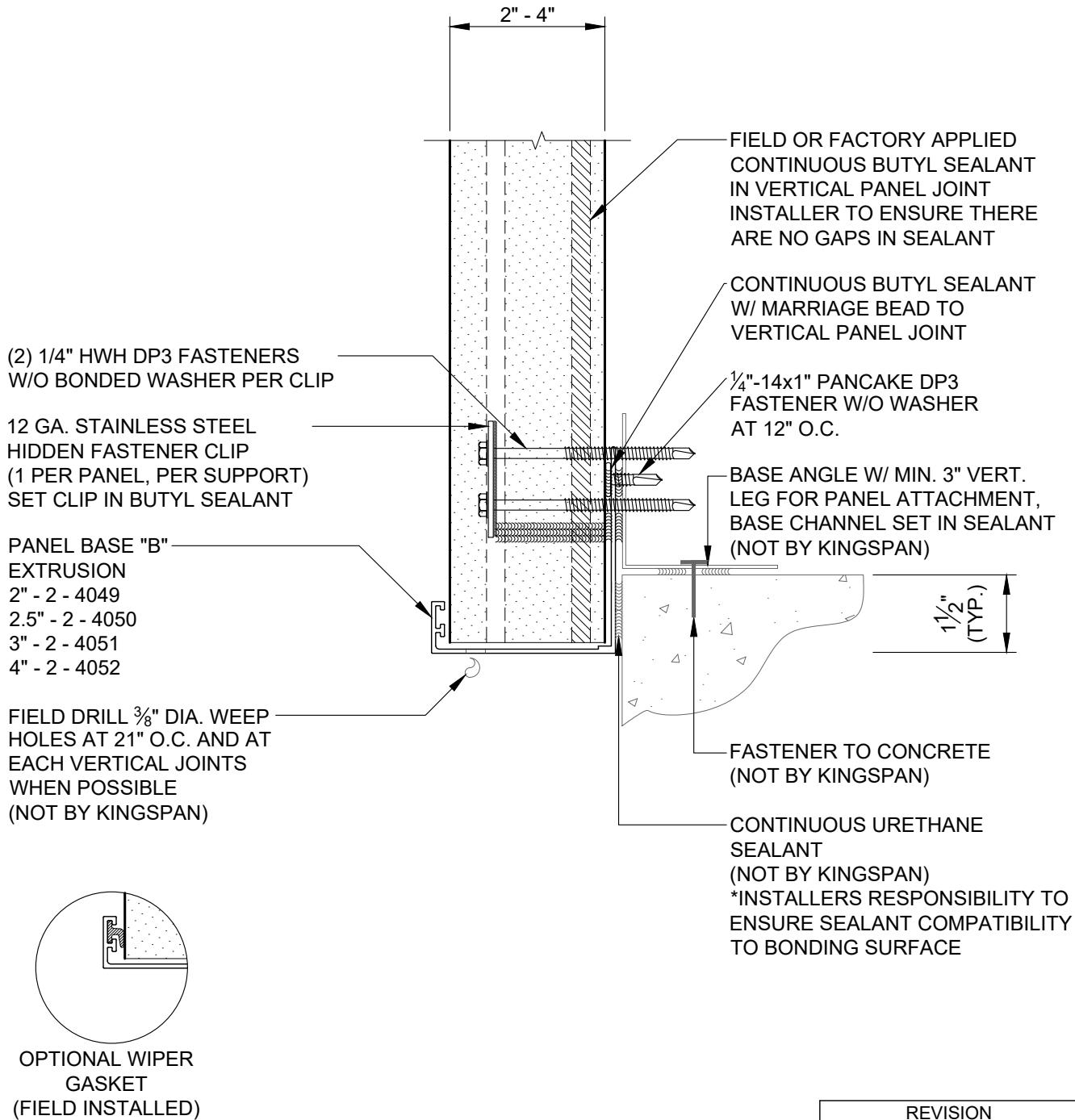
REVISION	
REVISION #	DATE
11	1/30/26

OVERHANG W/  
BASE ANGLE

DETAIL #: CI-BS-05-KSV  
RELEASE: 2026  
REGION: NORTH AMERICA  
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# KS SERIES - VERTICAL INSTALLATION

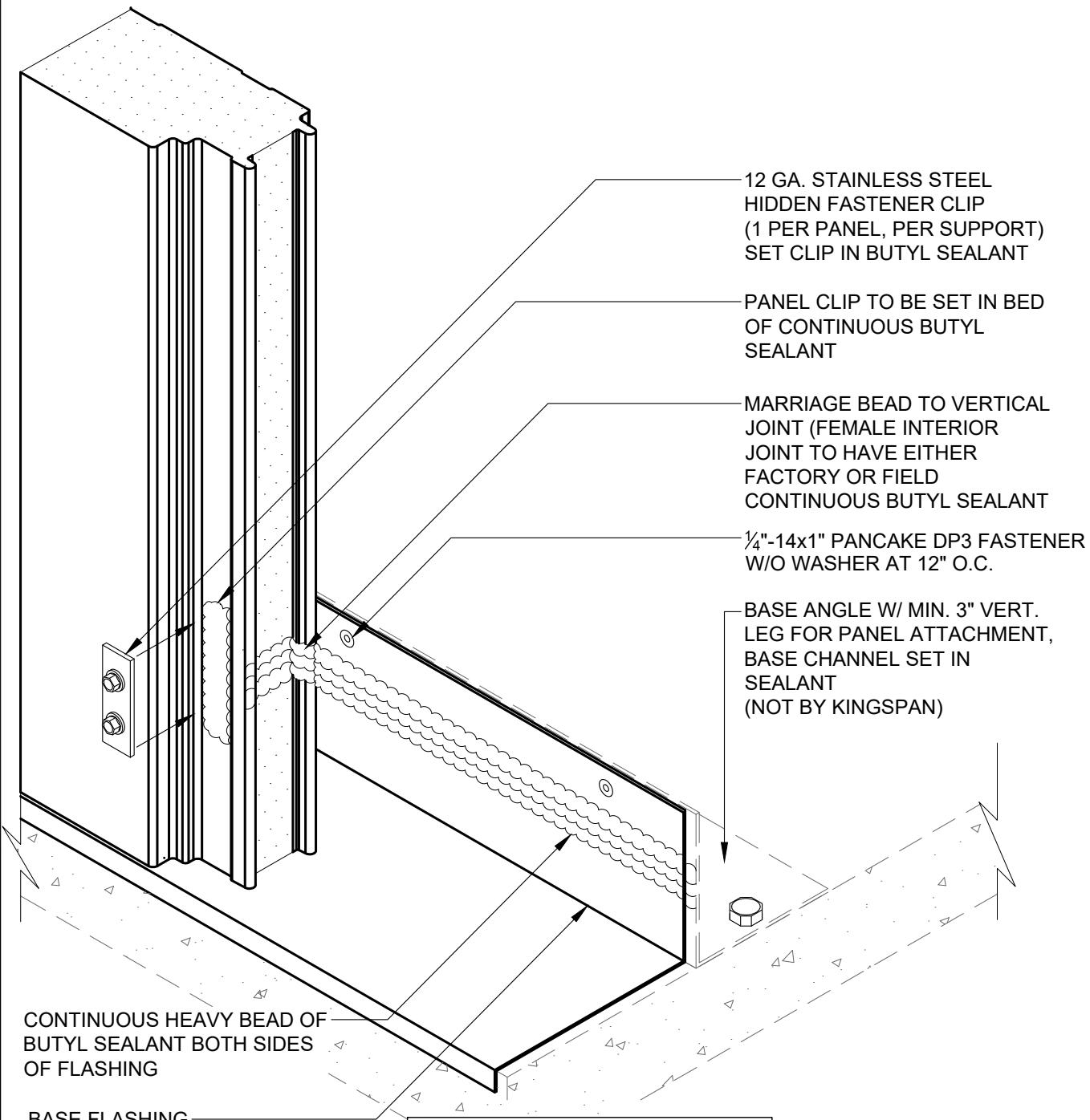


OVERHANG W/  
BASE "J" EXTRUSION

DETAIL #: CI-BS-06-KSV  
RELEASE: 2026  
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**NOTE:**

ENSURE THERE ARE NO GAPS IN SEALANT BEAD.  
COVERAGE MUST BE CONTINUOUS

REVISION	
REVISION #	DATE
11	1/30/26

BASE DETAIL  
MARRIAGE BEAD ISOMETRIC

DETAIL #: CI-BS-07-KSV

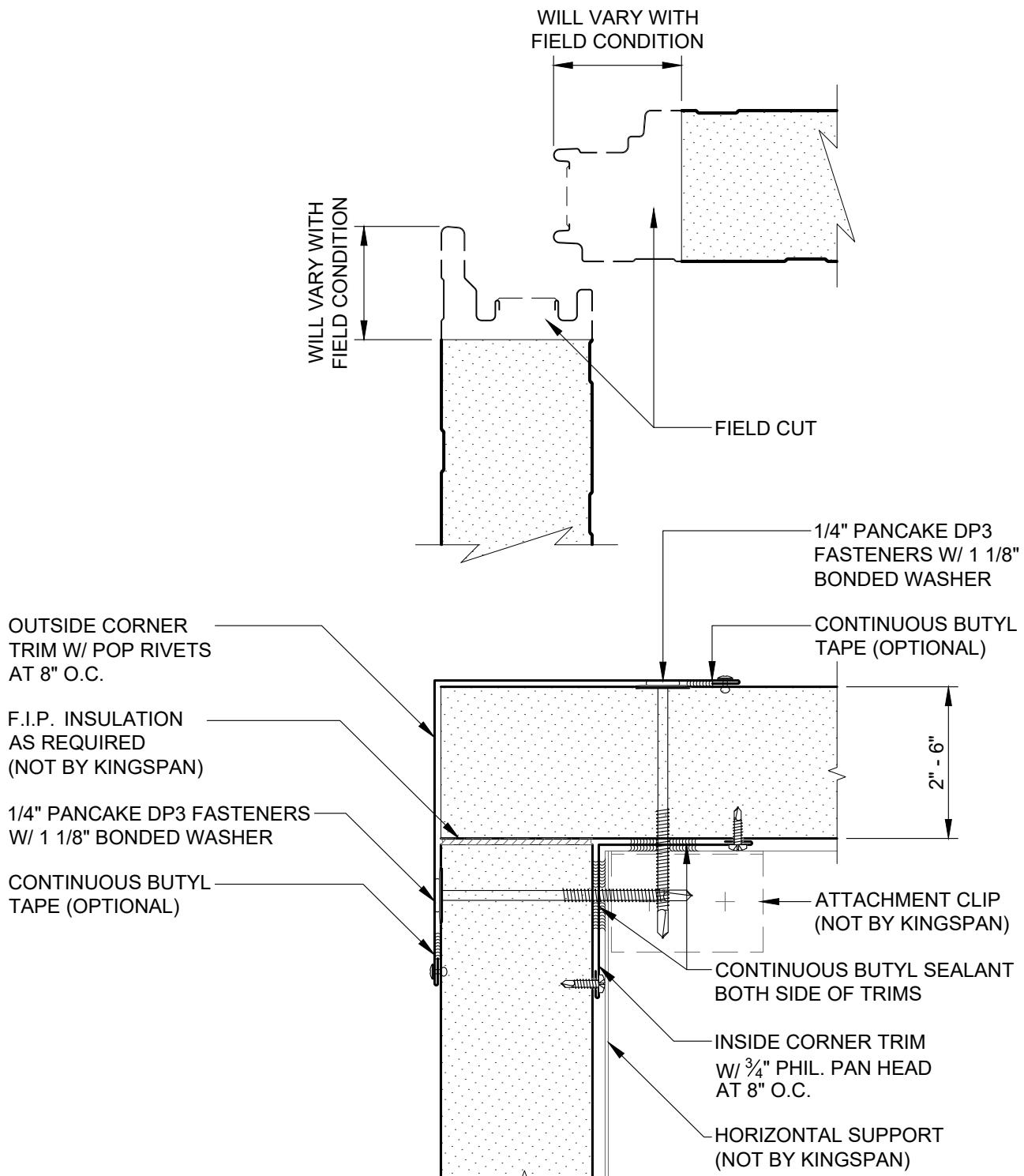
RELEASE: 2026

REGION: NORTH AMERICA

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# KS SERIES - VERTICAL INSTALLATION



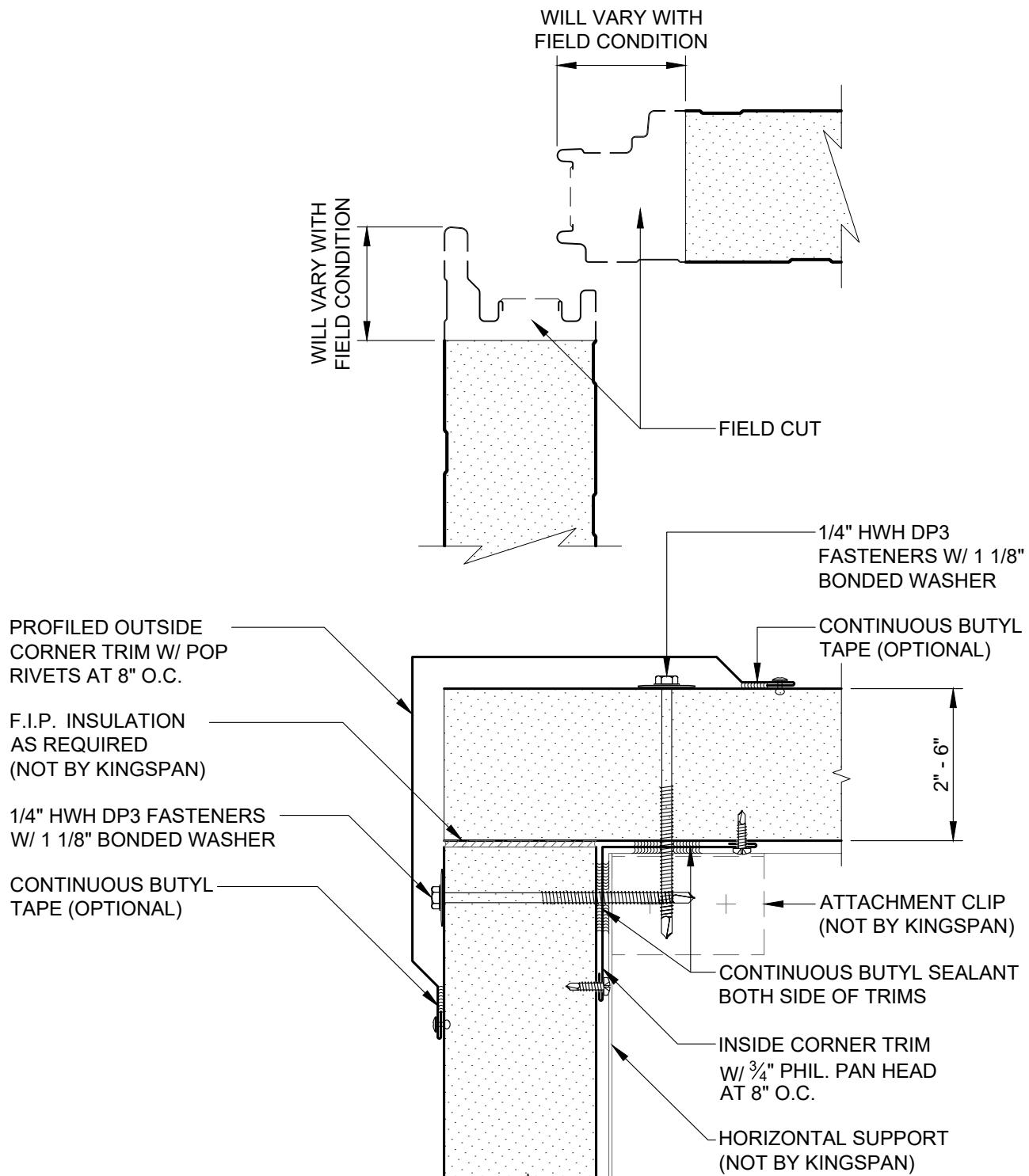
REVISION	
REVISION #	DATE
11	1/30/26

OUTSIDE CORNER W/  
FLAT TRIM

DETAIL #: CI-OC-01-KSV  
RELEASE: 2026  
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# KS SERIES - VERTICAL INSTALLATION



REVISION	
REVISION #	DATE
11	1/30/26

OUTSIDE CORNER W/  
PROFILED TRIM

DETAIL #: CI-OC-02-KSV

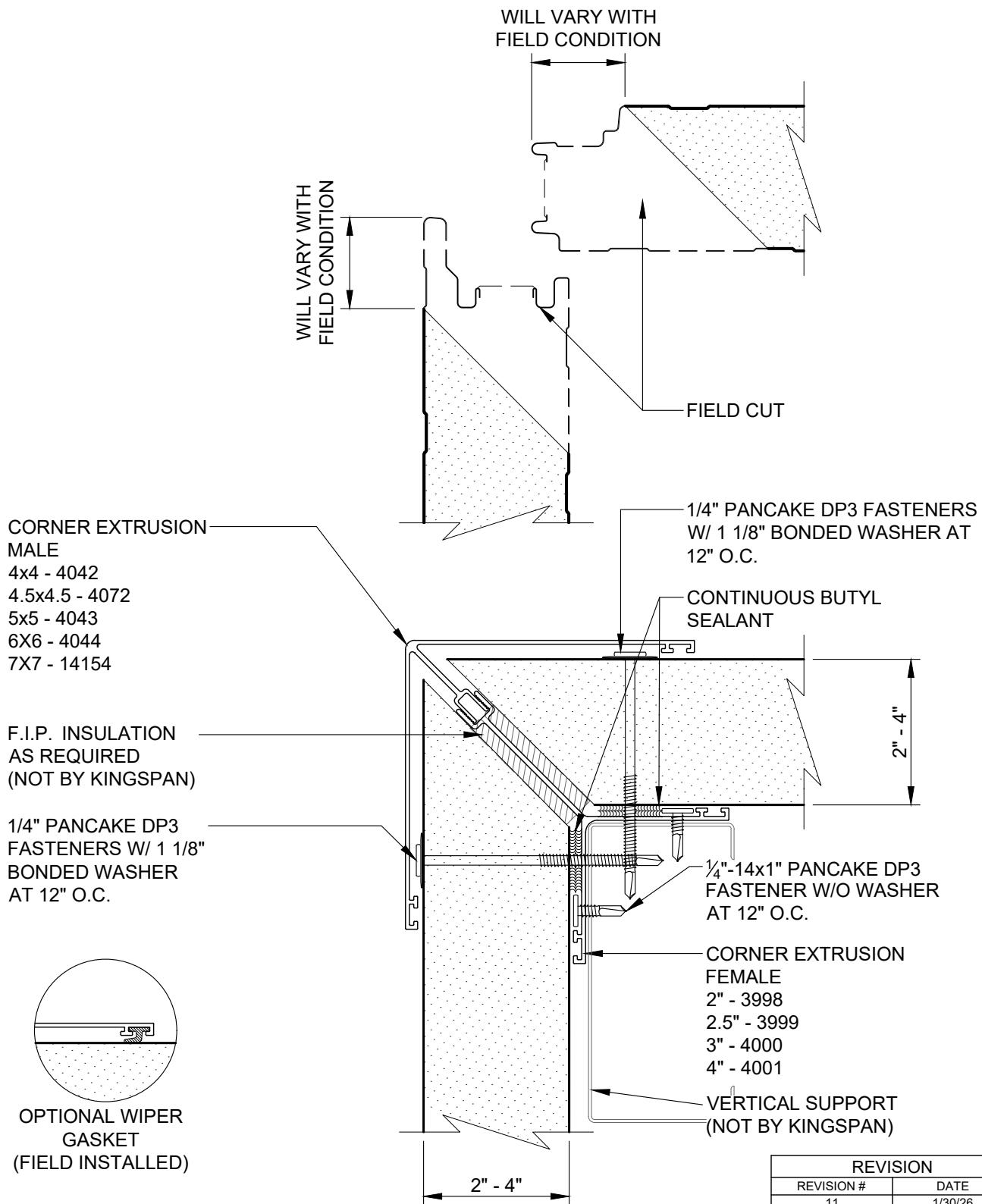
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# KS SERIES - VERTICAL INSTALLATION



OUTSIDE CORNER W/  
EXTRUSION

DETAIL #: CI-OC-03-KSV

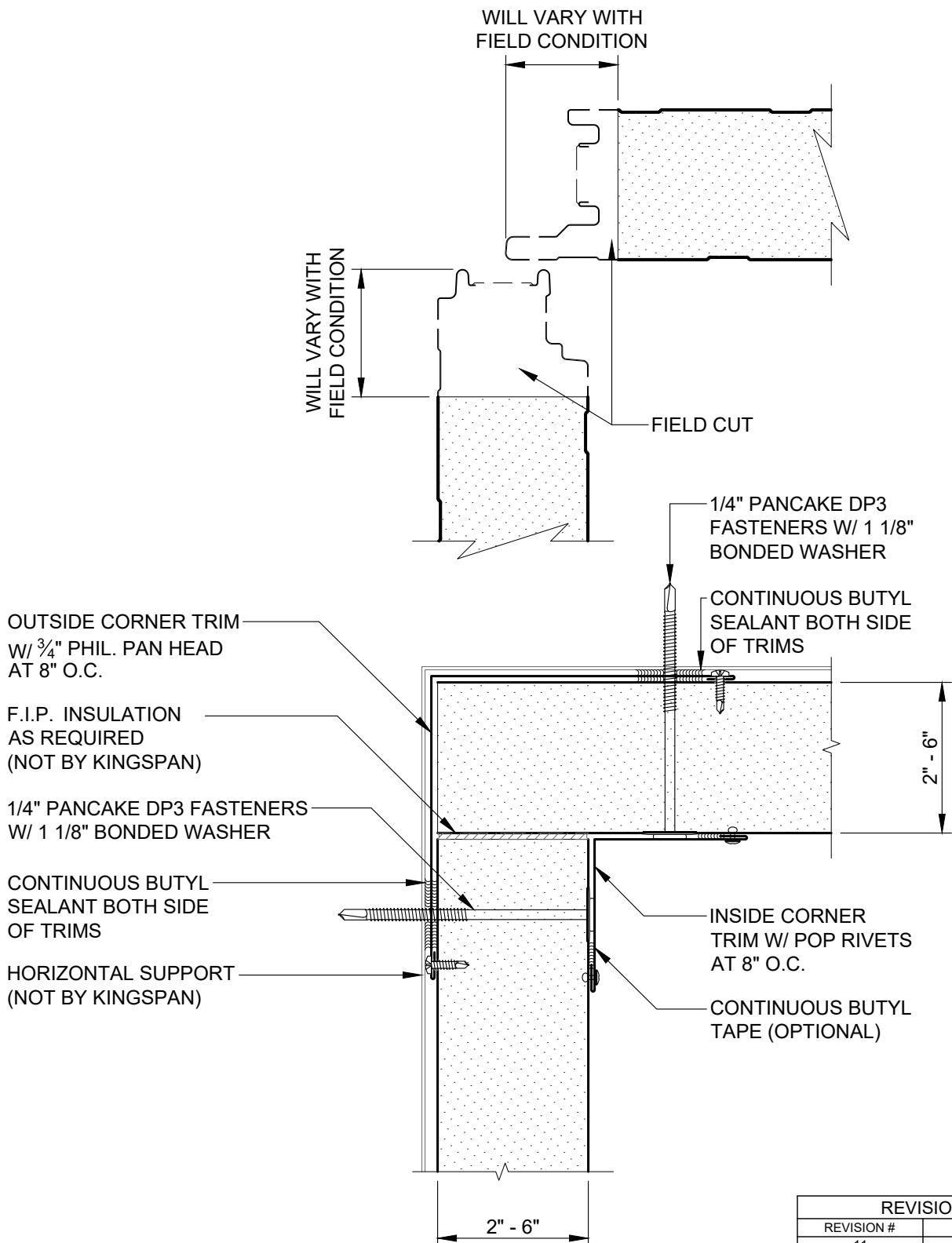
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# KS SERIES - VERTICAL INSTALLATION



INSIDE CORNER W/  
FLAT TRIM

DETAIL #: CI-IC-01-KSV

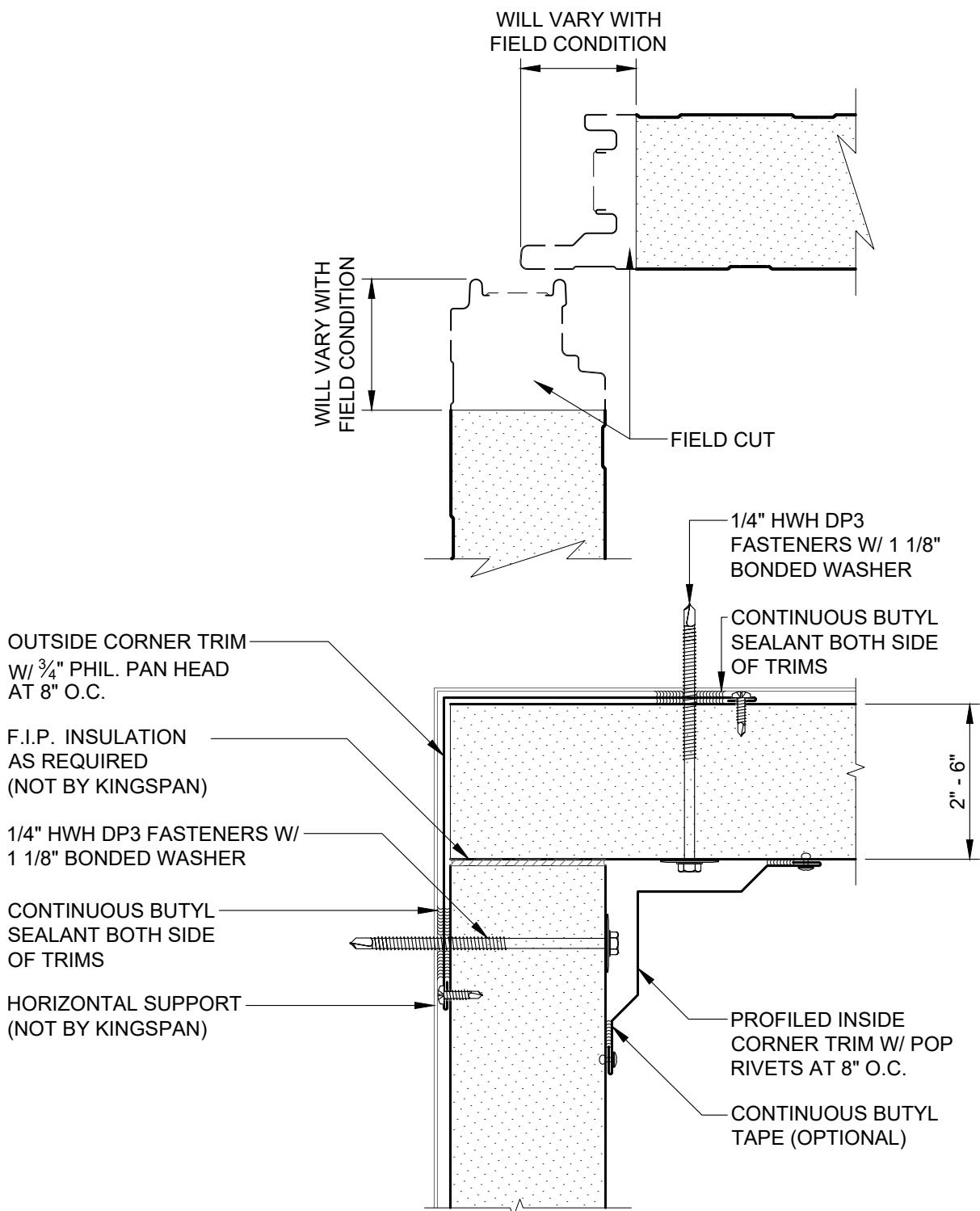
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# KS SERIES - VERTICAL INSTALLATION



REVISION	
REVISION #	DATE
11	1/30/26

INSIDE CORNER W/  
PROFILED TRIM

DETAIL #: CI-IC-02-KSV

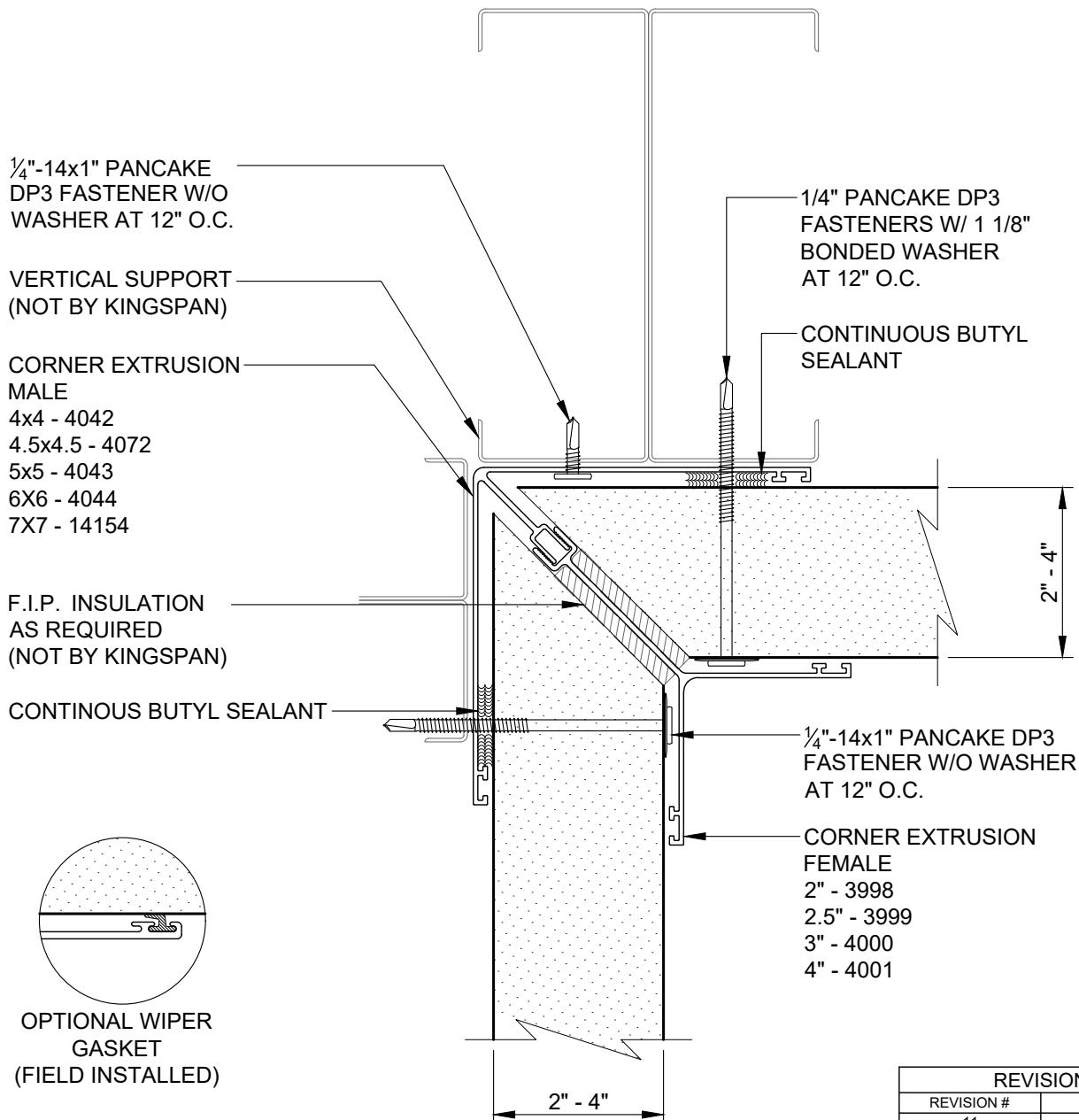
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# KS SERIES - VERTICAL INSTALLATION



INSIDE CORNER W/  
EXTRUSION

DETAIL #: CI-IC-03-KSV

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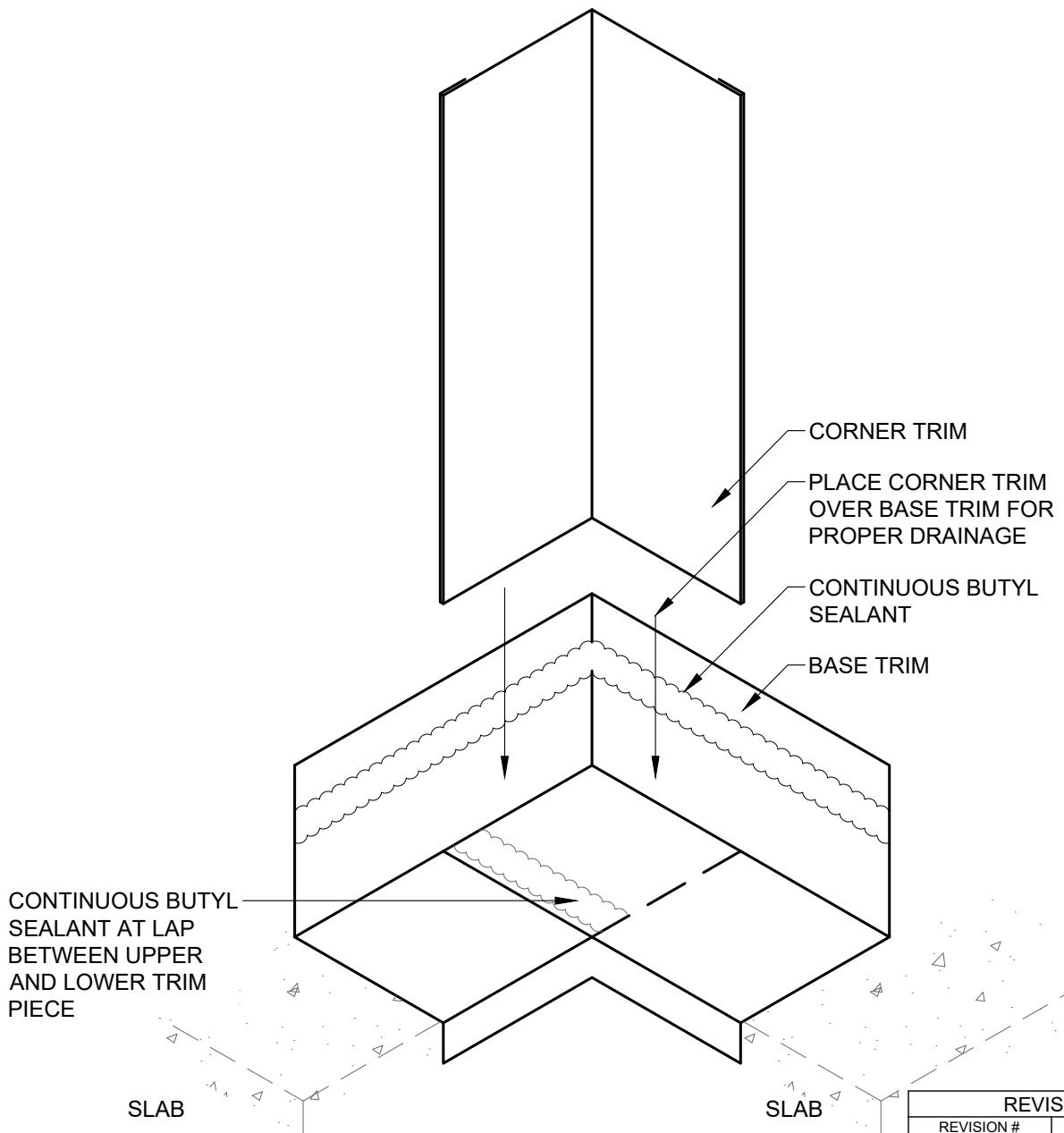
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# KS SERIES - VERTICAL INSTALLATION

FRAMING NOT SHOWN FOR  
CLARITY OF DETAIL



REVISION	
REVISION #	DATE
11	1/30/26

INSIDE CORNER LAP AT  
BASE TRIM EXPANDED

DETAIL #: CI-IC-04-KSV

RELEASE: 2026

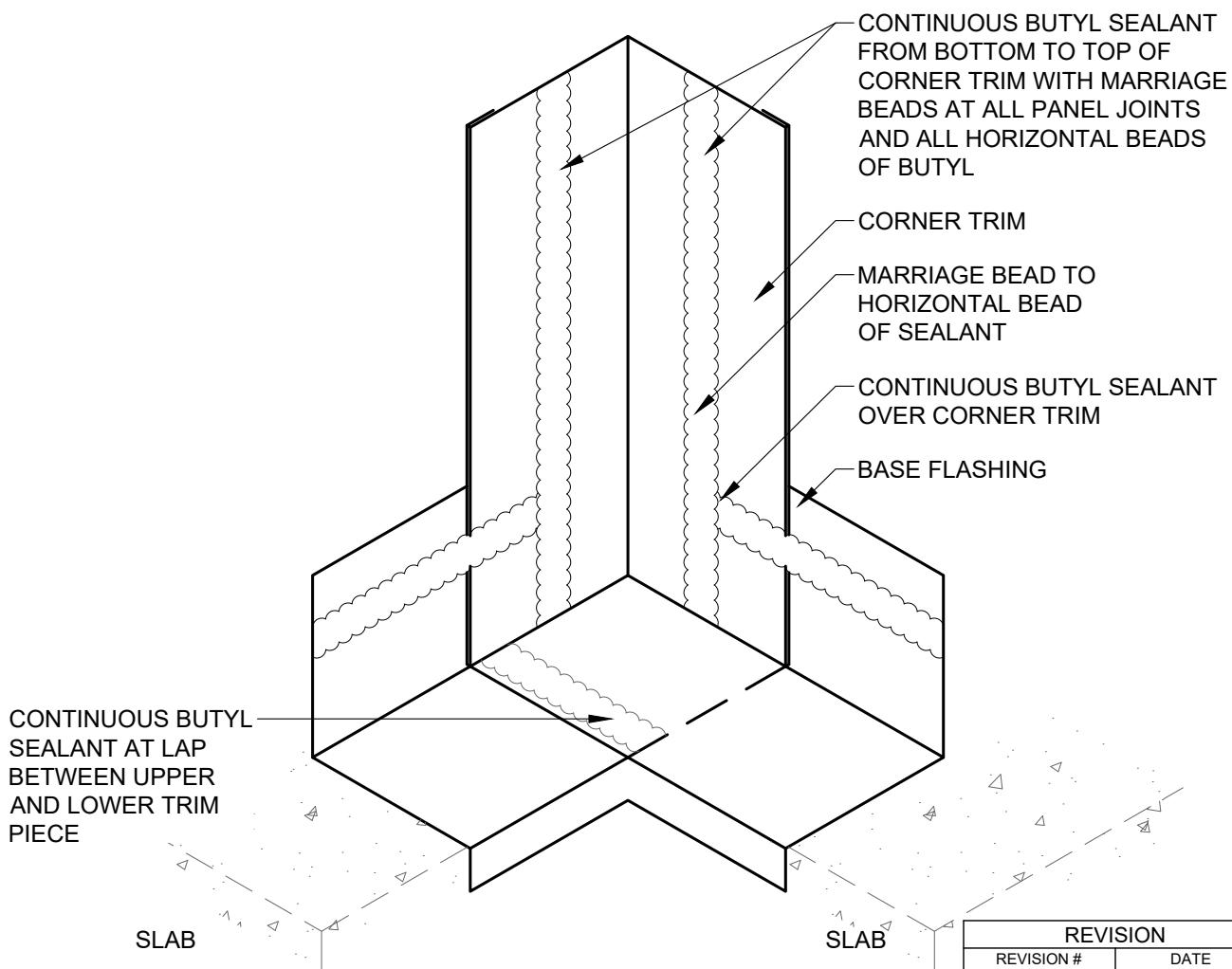
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# KS SERIES - VERTICAL INSTALLATION

FRAMING NOT SHOWN FOR  
CLARITY OF DETAIL



INSIDE CORNER LAP AT  
BASE TRIM ENGAGED

DETAIL #: CI-IC-05-KSV

RELEASE: 2026

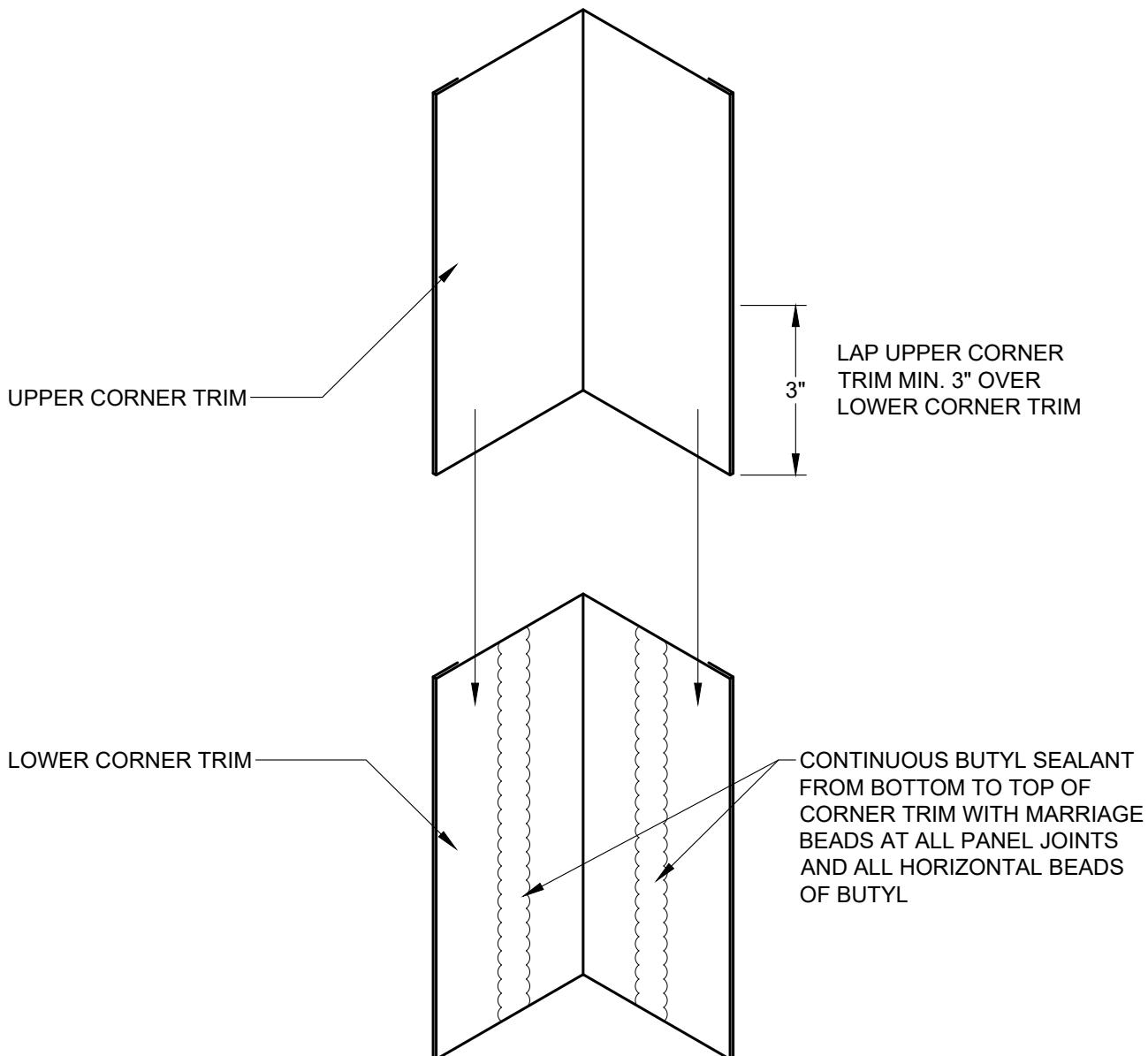
REGION: NORTH AMERICA

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# KS SERIES - VERTICAL INSTALLATION

FRAMING NOT SHOWN FOR CLARITY OF DETAIL



REVISION	
REVISION #	DATE
11	1/30/26

INSIDE CORNER TRIM  
LAP EXPANDED

DETAIL #: CI-IC-06-KSV

RELEASE: 2026

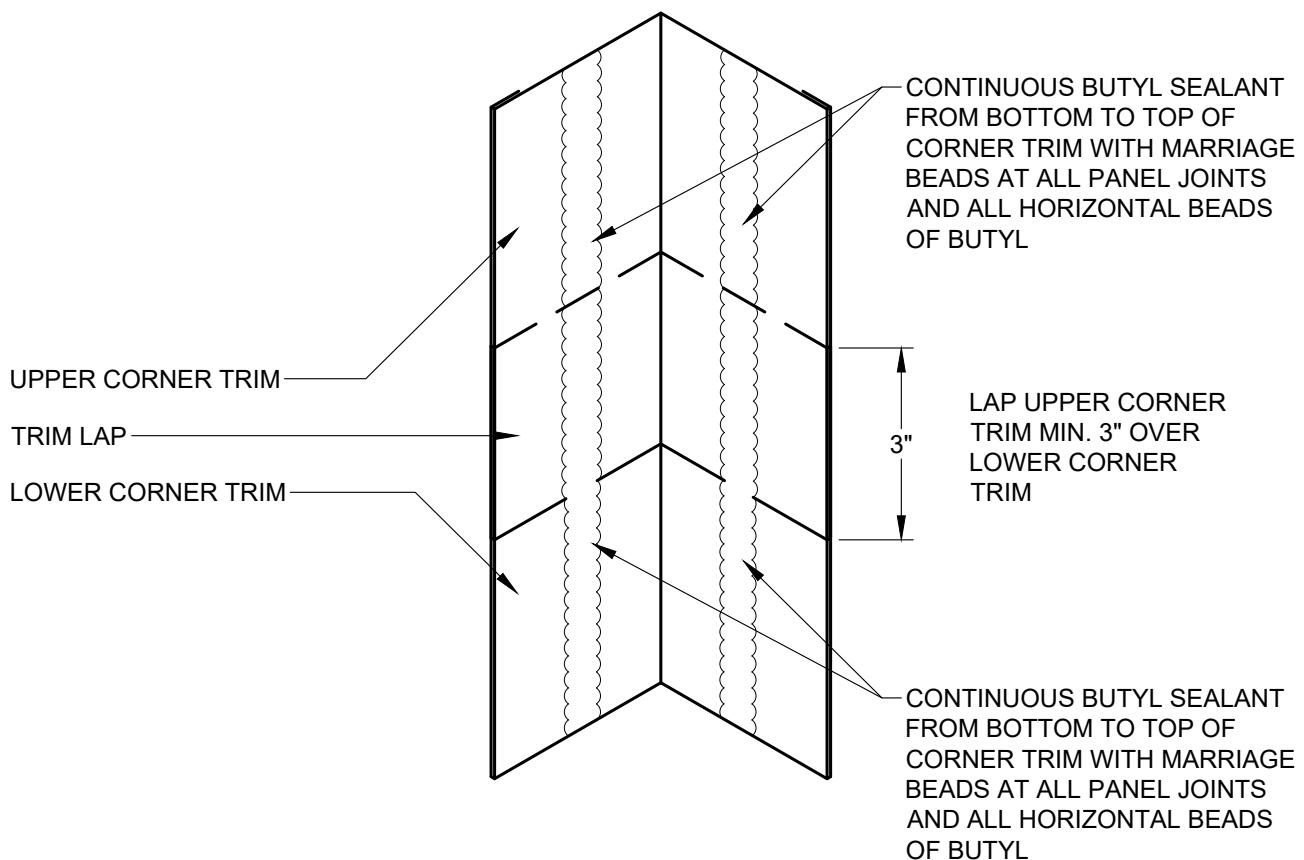
REGION: NORTH AMERICA

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# KS SERIES - VERTICAL INSTALLATION

FRAMING NOT SHOWN FOR  
CLARITY OF DETAIL



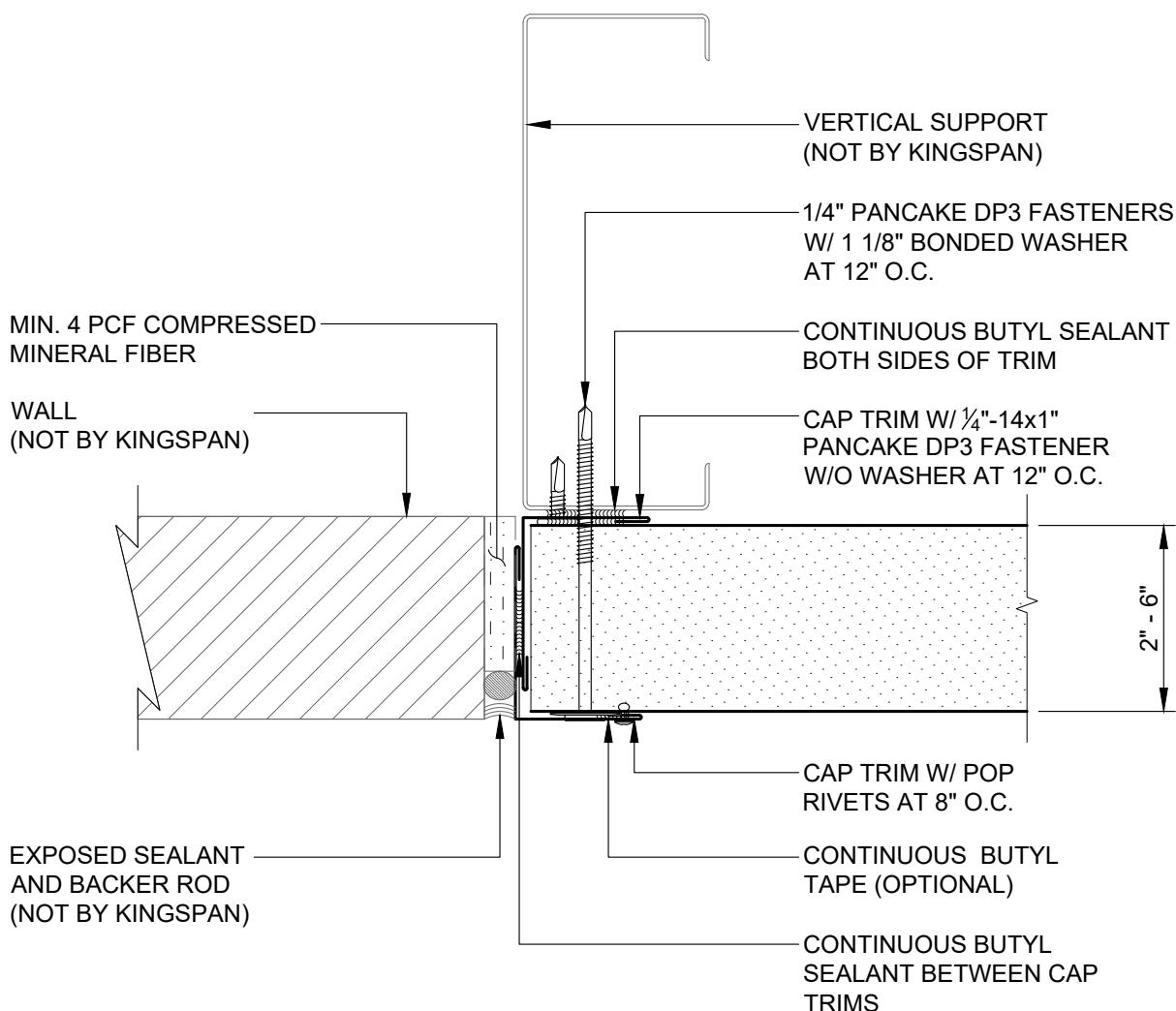
REVISION	
REVISION #	DATE
11	1/30/26

INSIDE CORNER TRIM  
LAP ENGAGED

DETAIL #: CI-IC-07-KSV  
RELEASE: 2026  
REGION: NORTH AMERICA  
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# KS SERIES - VERTICAL INSTALLATION



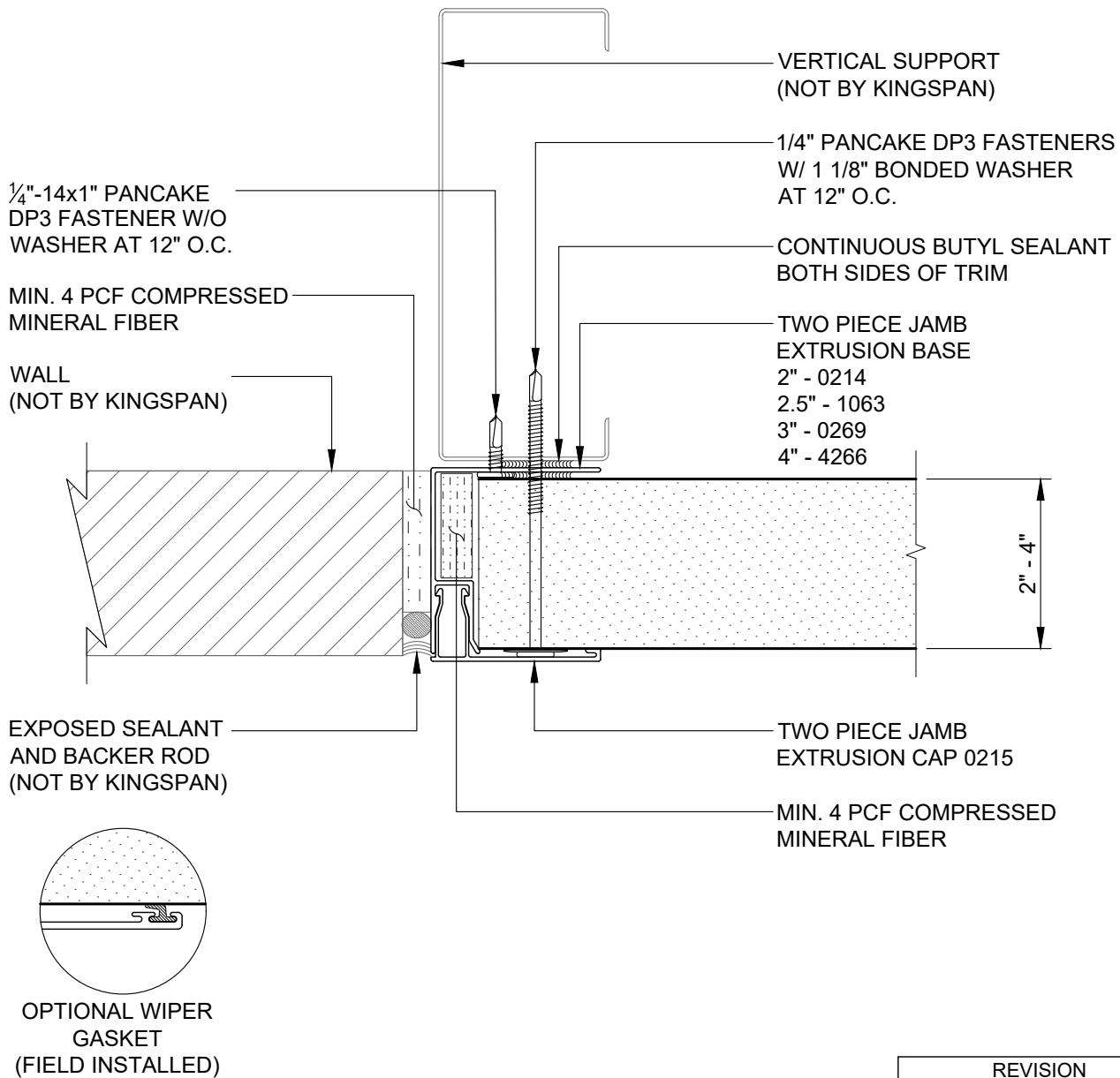
REVISION	
REVISION #	DATE
11	1/30/26

ENDWALL TERMINATION

DETAIL #: CI-EN-01-KSV  
RELEASE: 2026  
REGION: NORTH AMERICA  
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# KS SERIES - VERTICAL INSTALLATION



REVISION	
REVISION #	DATE
11	1/30/26

ENDWALL TERMINATION W/  
EXTRUSION

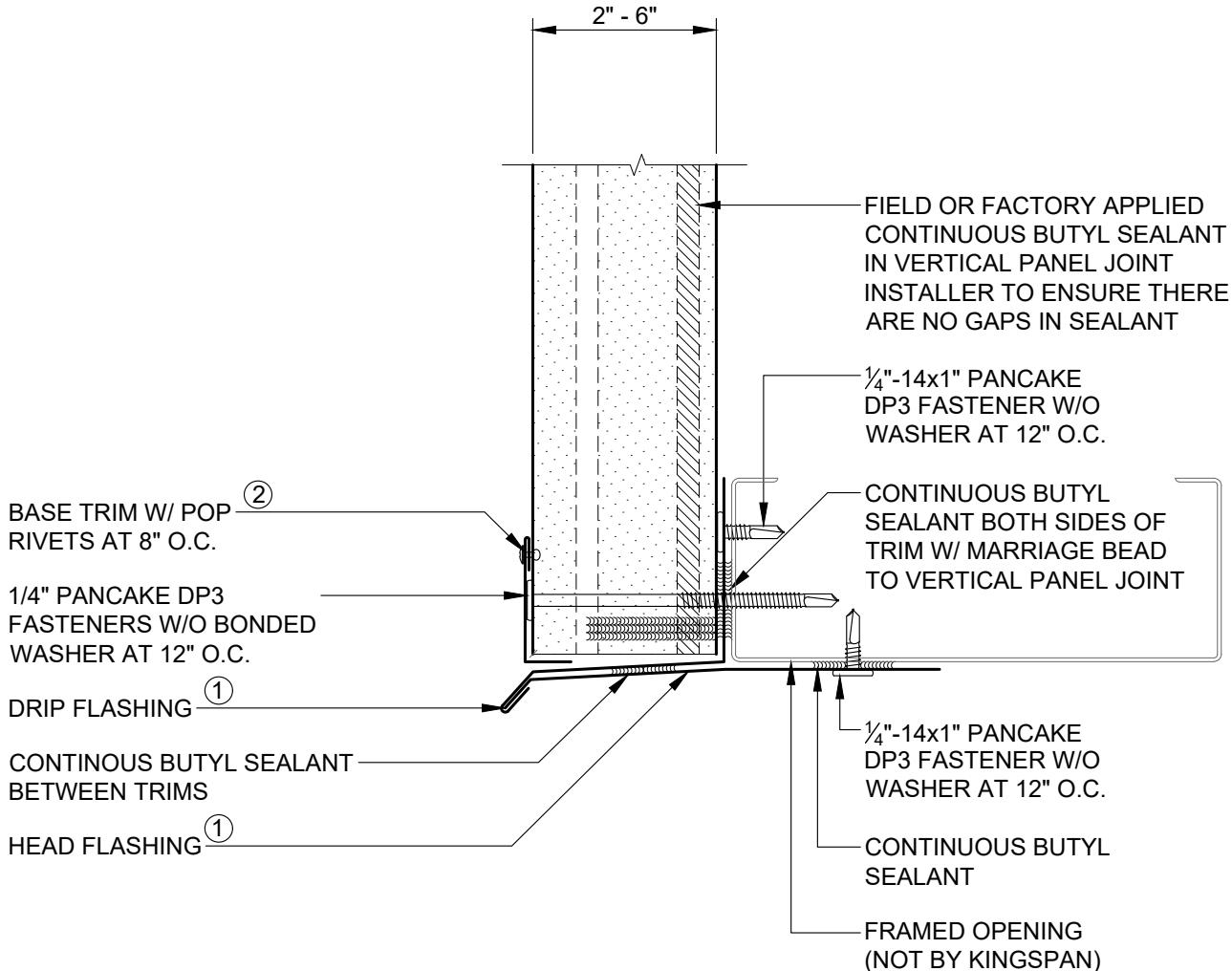
DETAIL #: CI-EN-02-KSV  
RELEASE: 2026  
REGION: NORTH AMERICA  
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# KS SERIES - VERTICAL INSTALLATION

## TRIM INSTALLATION SEQUENCE:

- ① INSTALL DRIP AND FLASHING AND ALL APPLICABLE SEALANTS PRIOR TO INSTALLING THE PANEL AND THROUGH FASTENERS
- ② INSTALL EXTERIOR BASE TRIM



NOTE: SEE DETAIL CI-TL-01-KSV, CI-TL-02-KSV AND CI-TL-04-KSV FOR TYPICAL TRIM LAP INSTRUCTIONS

REVISION	
REVISION #	DATE
11	1/30/26

FRAMED OPENING HEAD  
W/ DRIP EDGE

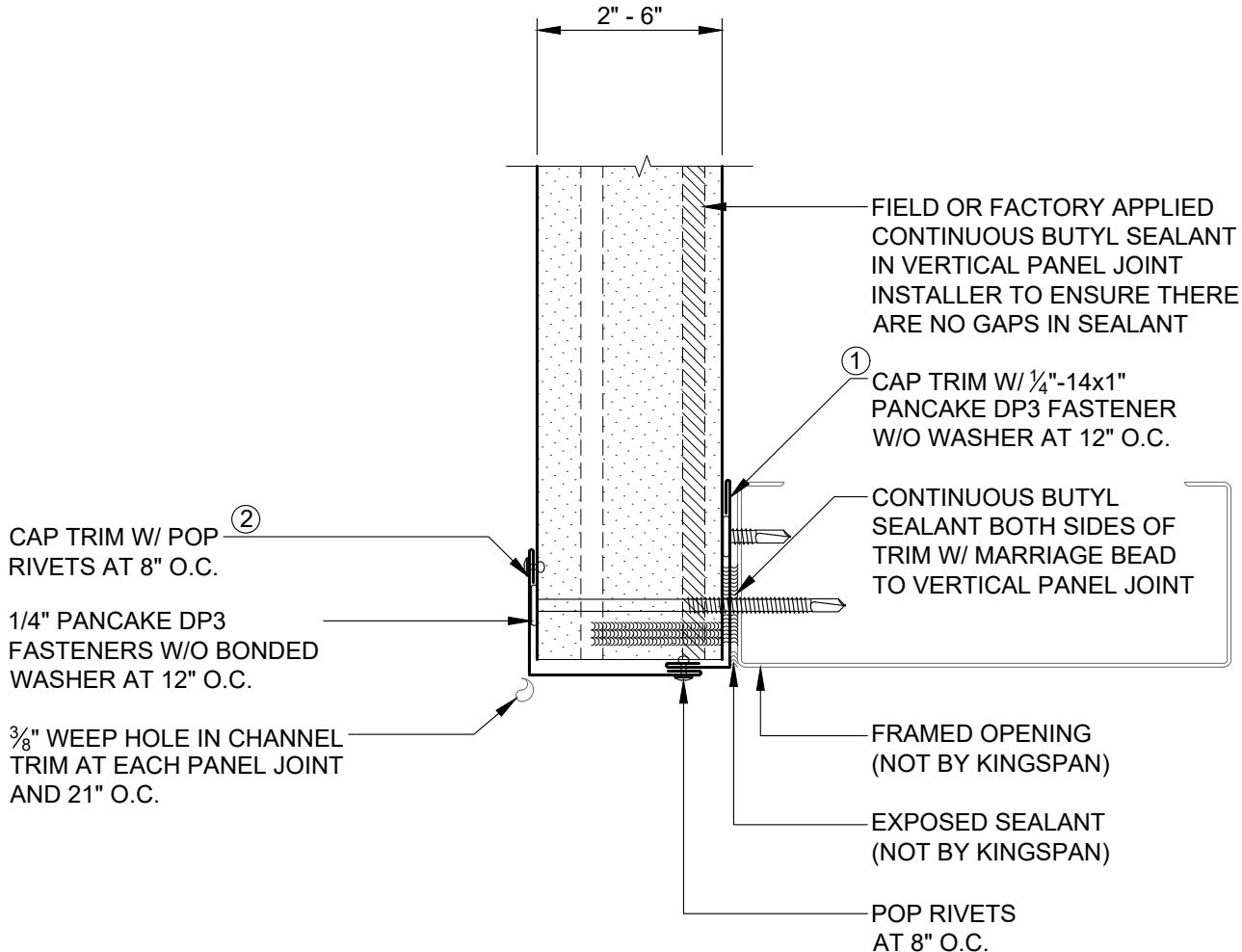
DETAIL #: CI-FO-01-KSV  
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REGION: NORTH AMERICA  
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# KS SERIES - VERTICAL INSTALLATION

## TRIM INSTALLATION SEQUENCE:

- ① INSTALL INTERIOR CAP TRIM AND ALL APPLICABLE SEALANTS PRIOR TO INSTALLING THE PANEL AND THROUGH FASTENERS
- ② INSTALL EXTERIOR CAP TRIM



NOTE: SEE DETAIL CI-TL-01-KSV, CI-TL-02-KSV AND CI-TL-04-KSV FOR TYPICAL TRIM LAP INSTRUCTIONS

REVISION	
REVISION #	DATE
11	1/30/26

FRAMED OPENING HEAD  
W/ TWO PIECE TRIM

DETAIL #: CI-FO-02-KSV

RELEASE: 2026

REGION: NORTH AMERICA

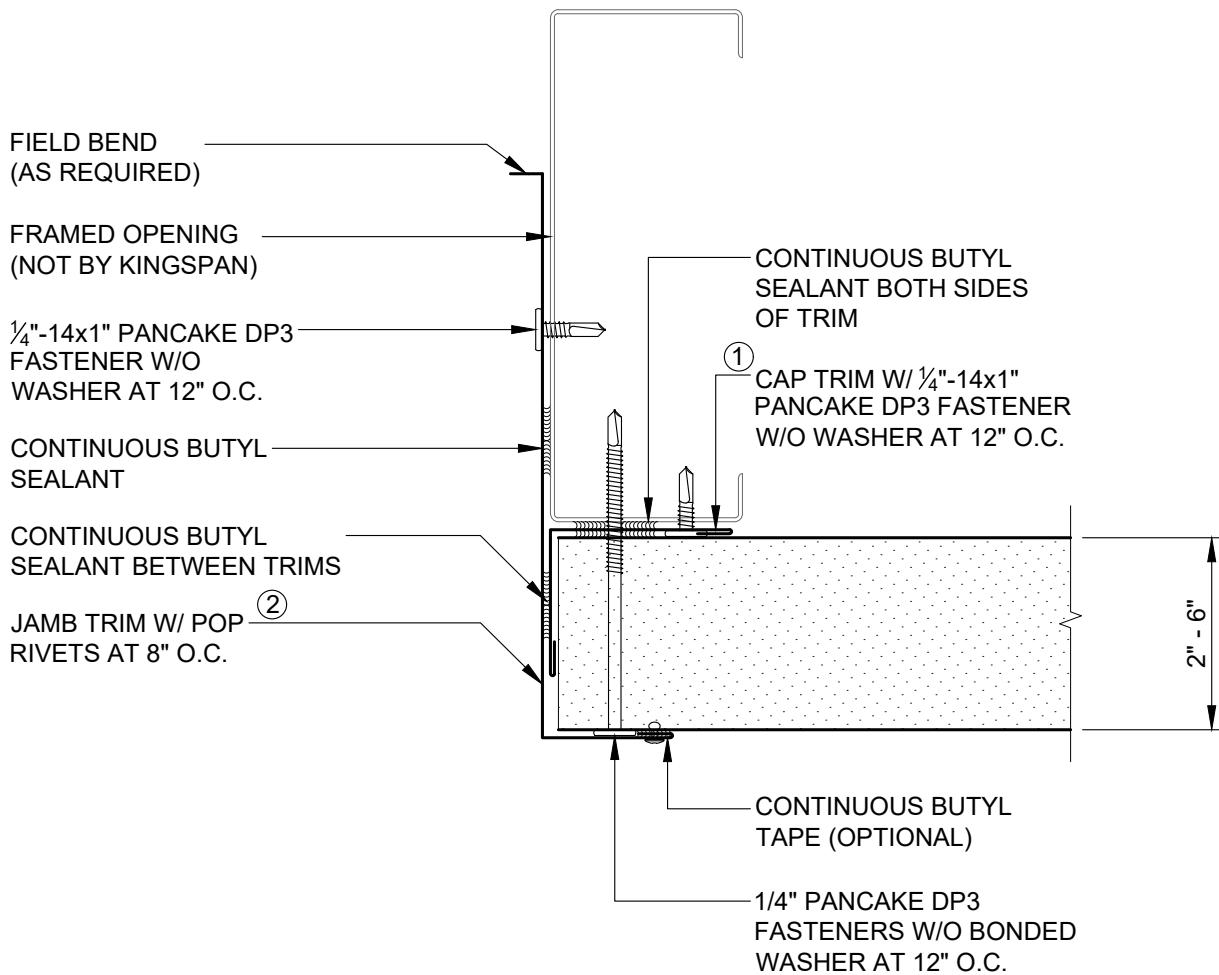
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# KS SERIES - VERTICAL INSTALLATION

## TRIM INSTALLATION SEQUENCE:

- ① INSTALL INTERIOR CAP TRIM AND ALL APPLICABLE SEALANTS PRIOR TO INSTALLING THE PANEL AND THROUGH FASTENERS
- ② INSTALL JAMB TRIM



NOTE: SEE DETAIL CI-TL-01-KSV, CI-TL-02-KSV AND CI-TL-04-KSV FOR TYPICAL TRIM LAP INSTRUCTIONS

REVISION	
REVISION #	DATE
11	1/30/26

FRAMED OPENING JAMB  
W/ FLAT TRIM

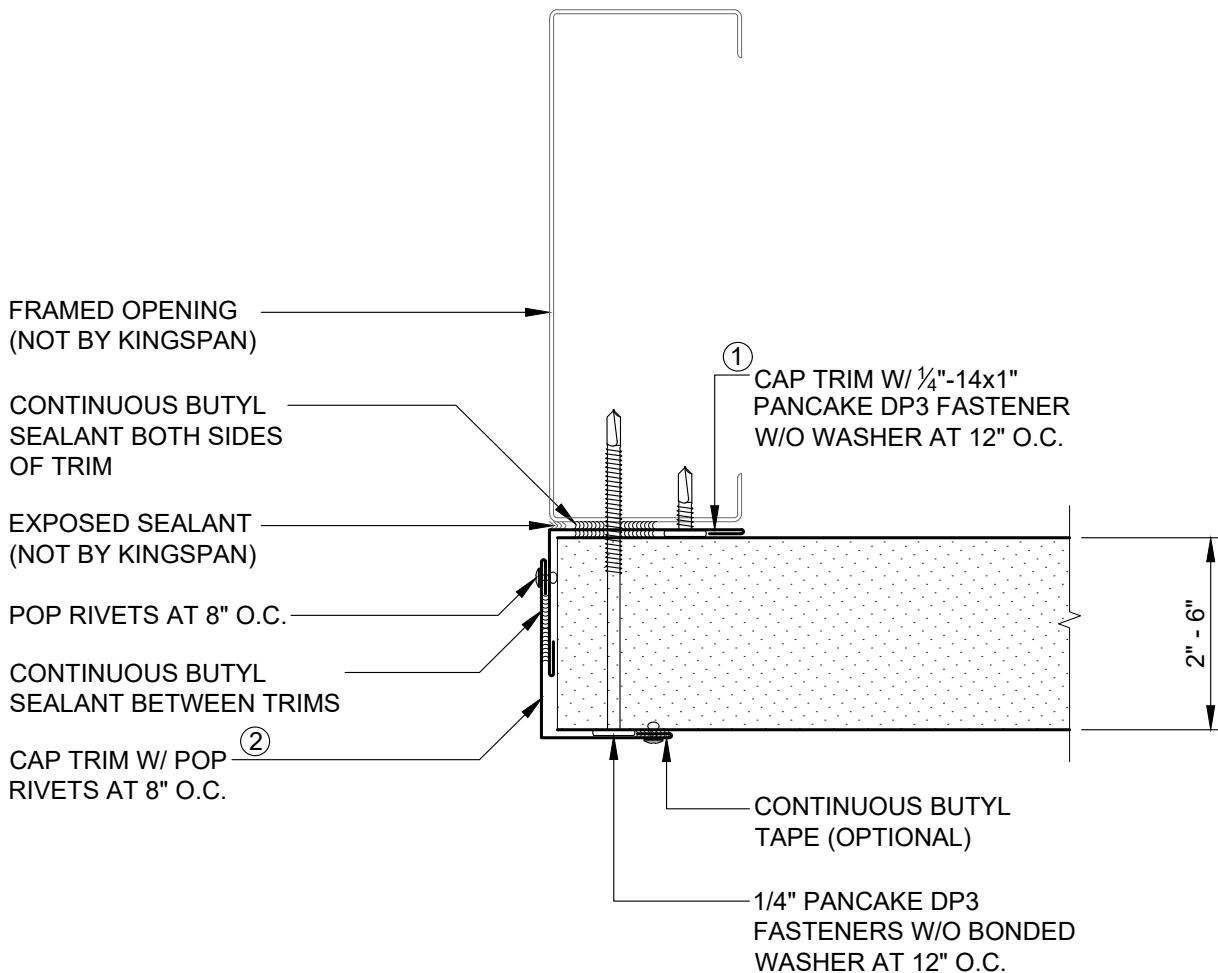
DETAIL #: CI-FO-03-KSV  
RELEASE: 2026  
REGION: NORTH AMERICA  
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# KS SERIES - VERTICAL INSTALLATION

## TRIM INSTALLATION SEQUENCE:

- ① INSTALL INTERIOR CAP TRIM AND ALL APPLICABLE SEALANTS PRIOR TO INSTALLING THE PANEL AND THROUGH FASTENERS
- ② INSTALL EXTERIOR CAP TRIM



NOTE: SEE DETAIL CI-TL-01-KSV, CI-TL-02-KSV AND CI-TL-04-KSV FOR TYPICAL TRIM LAP INSTRUCTIONS

REVISION	
REVISION #	DATE
11	1/30/26

FRAMED OPENING JAMB  
W/ TWO PIECE TRIM

DETAIL #: CI-FO-04-KSV

RELEASE: 2026

REGION: NORTH AMERICA

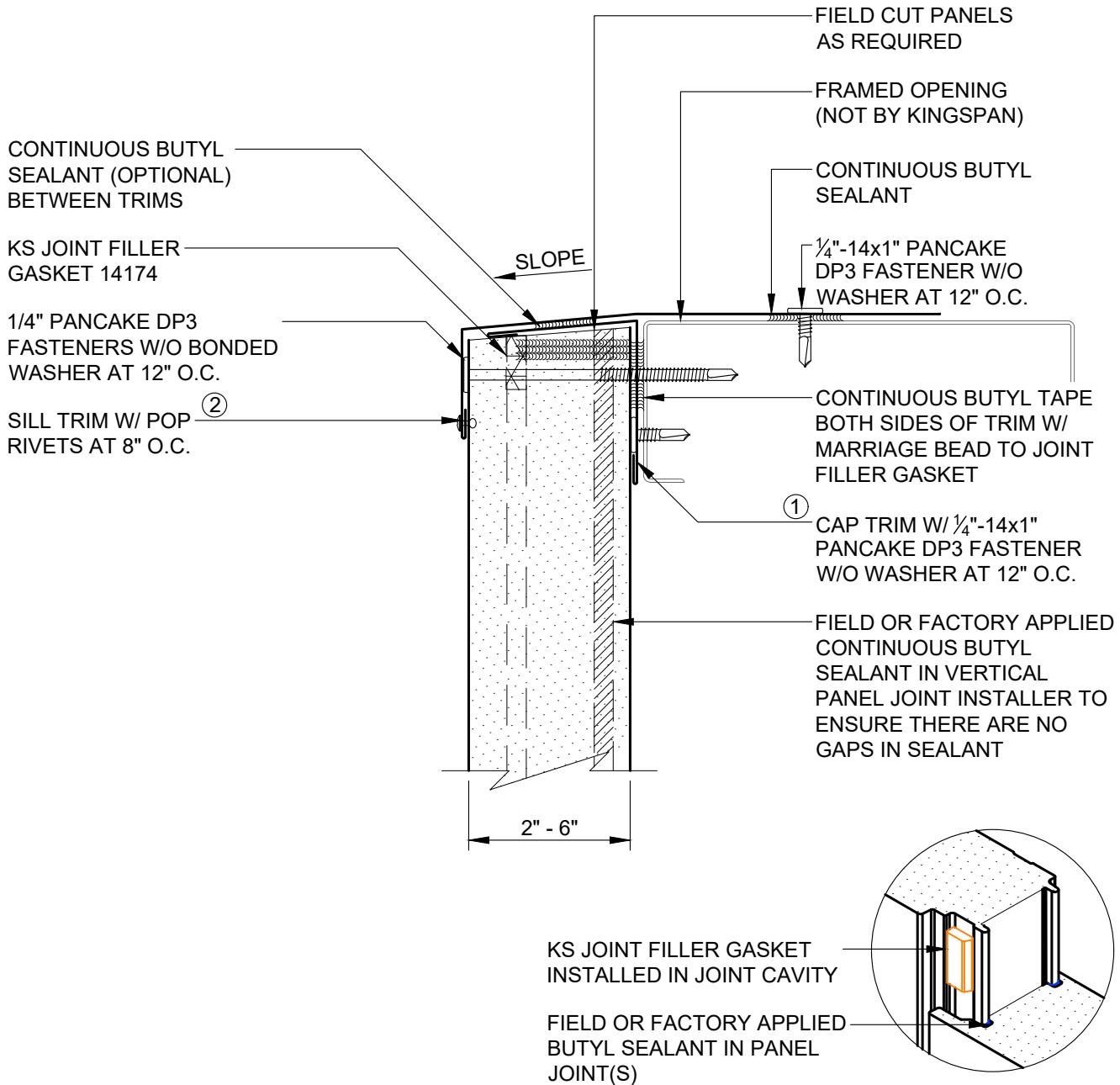
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# KS SERIES - VERTICAL INSTALLATION

## TRIM INSTALLATION SEQUENCE:

- ① INSTALL INTERIOR CAP TRIM AND ALL APPLICABLE SEALANTS PRIOR TO INSTALLING THE PANEL AND THROUGH FASTENERS
- ② INSTALL SILL TRIM



NOTE: SEE DETAIL CI-TL-01-KSV, CI-TL-02-KSV AND CI-TL-04-KSV FOR TYPICAL TRIM LAP INSTRUCTIONS

REVISION	
REVISION #	DATE
11	1/30/26

FRAMED OPENING SILL  
W/ TRIM

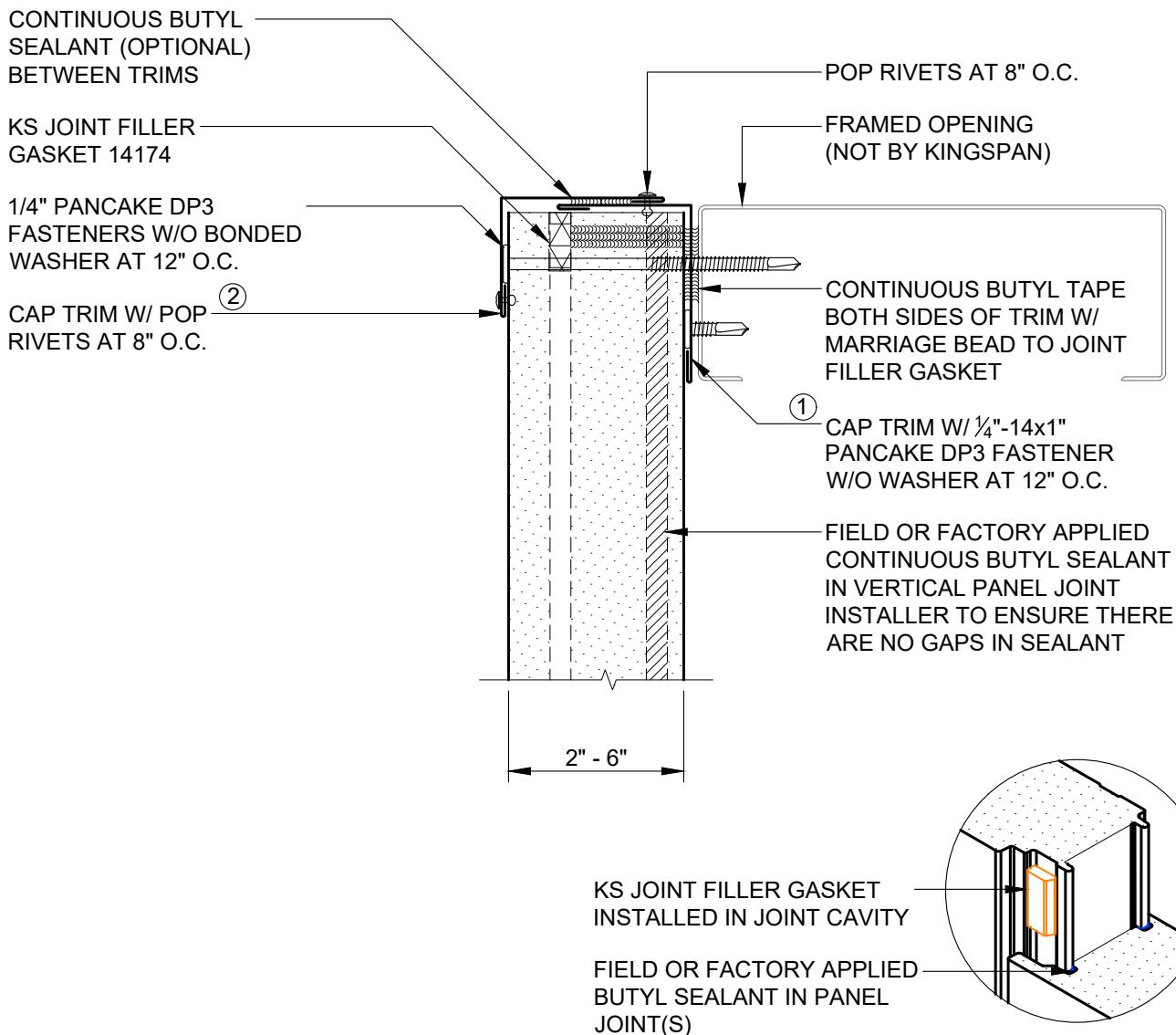
DETAIL #: CI-FO-05-KSV
RELEASE: 2026
REGION: NORTH AMERICA
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# KS SERIES - VERTICAL INSTALLATION

## TRIM INSTALLATION SEQUENCE:

- ① INSTALL INTERIOR CAP TRIM AND ALL APPLICABLE SEALANTS PRIOR TO INSTALLING THE PANEL AND THROUGH FASTENERS
- ② INSTALL EXTERIOR CAP TRIM



NOTE: SEE DETAIL CI-TL-01-KSV, CI-TL-02-KSV AND CI-TL-04-KSV FOR TYPICAL TRIM LAP INSTRUCTIONS

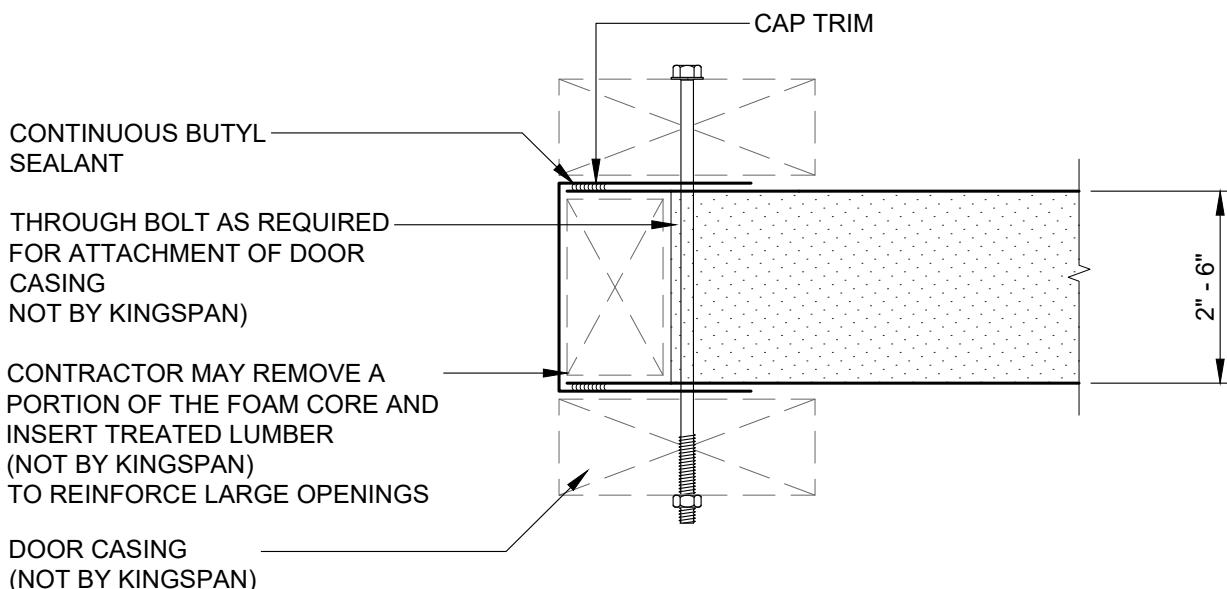
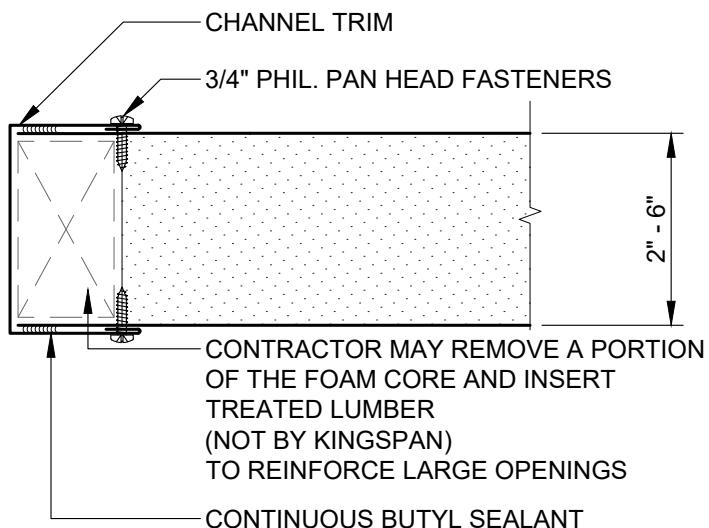
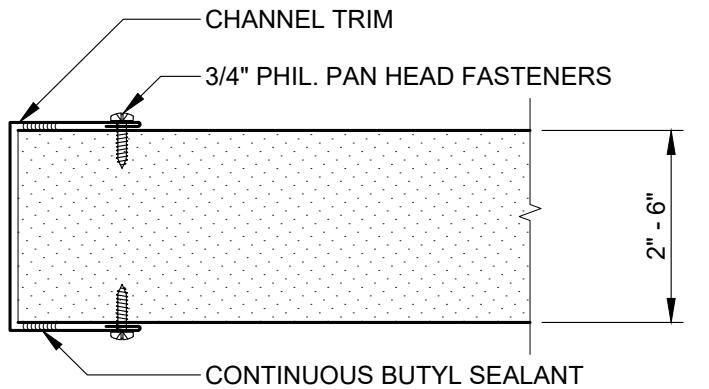
REVISION	
REVISION #	DATE
11	1/30/26

FRAMED OPENING SILL  
W/ TWO PIECE TRIM

DETAIL #: CI-FO-06-KSV  
RELEASE: 2026  
REGION: NORTH AMERICA  
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# KS SERIES - VERTICAL INSTALLATION



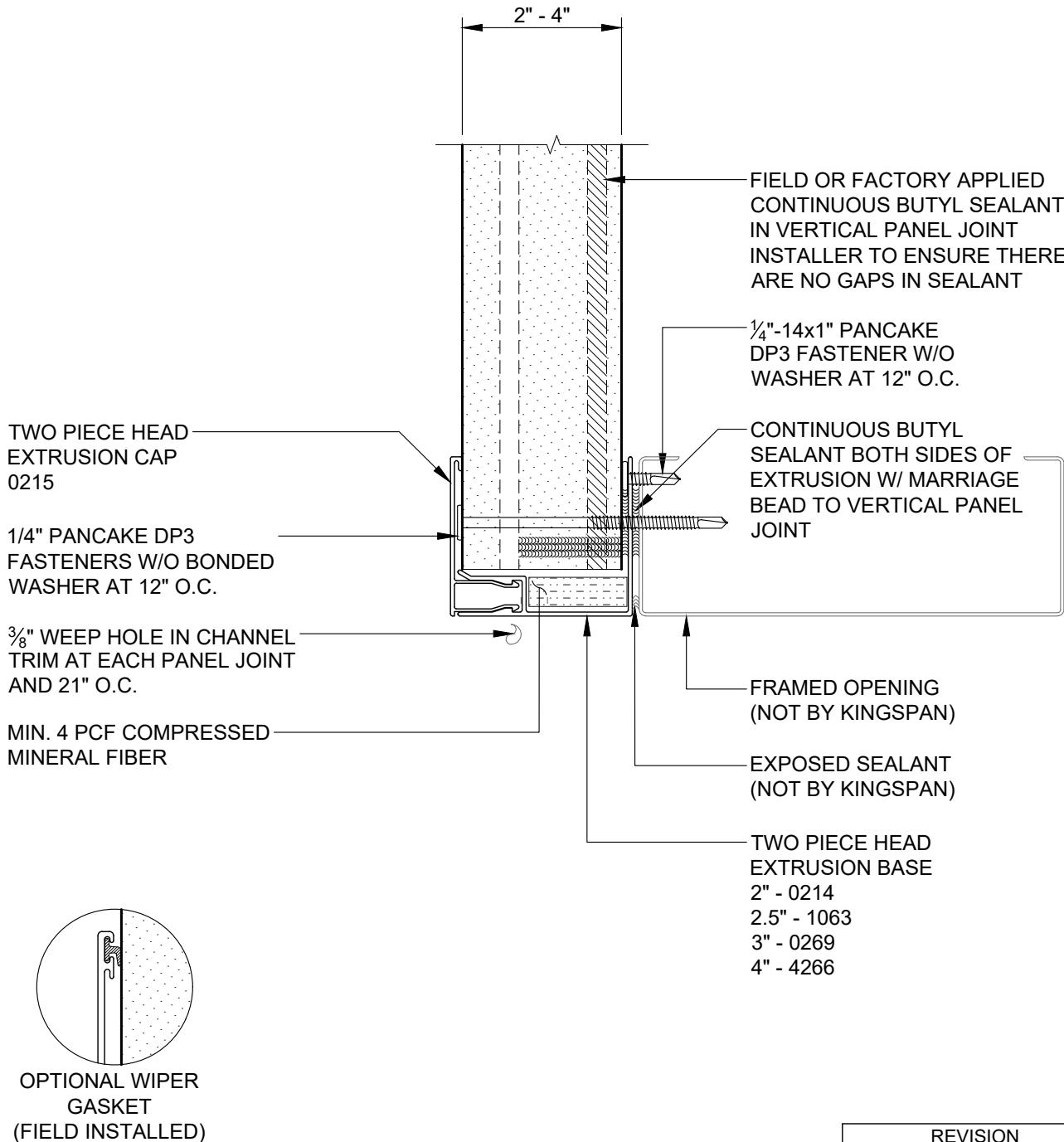
REVISION	
REVISION #	DATE
11	1/30/26

FRAMED OPENING  
INTERIOR PARTITION

DETAIL #: CI-FO-07-KSV  
RELEASE: 2026  
REGION: NORTH AMERICA  
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# KS SERIES - VERTICAL INSTALLATION



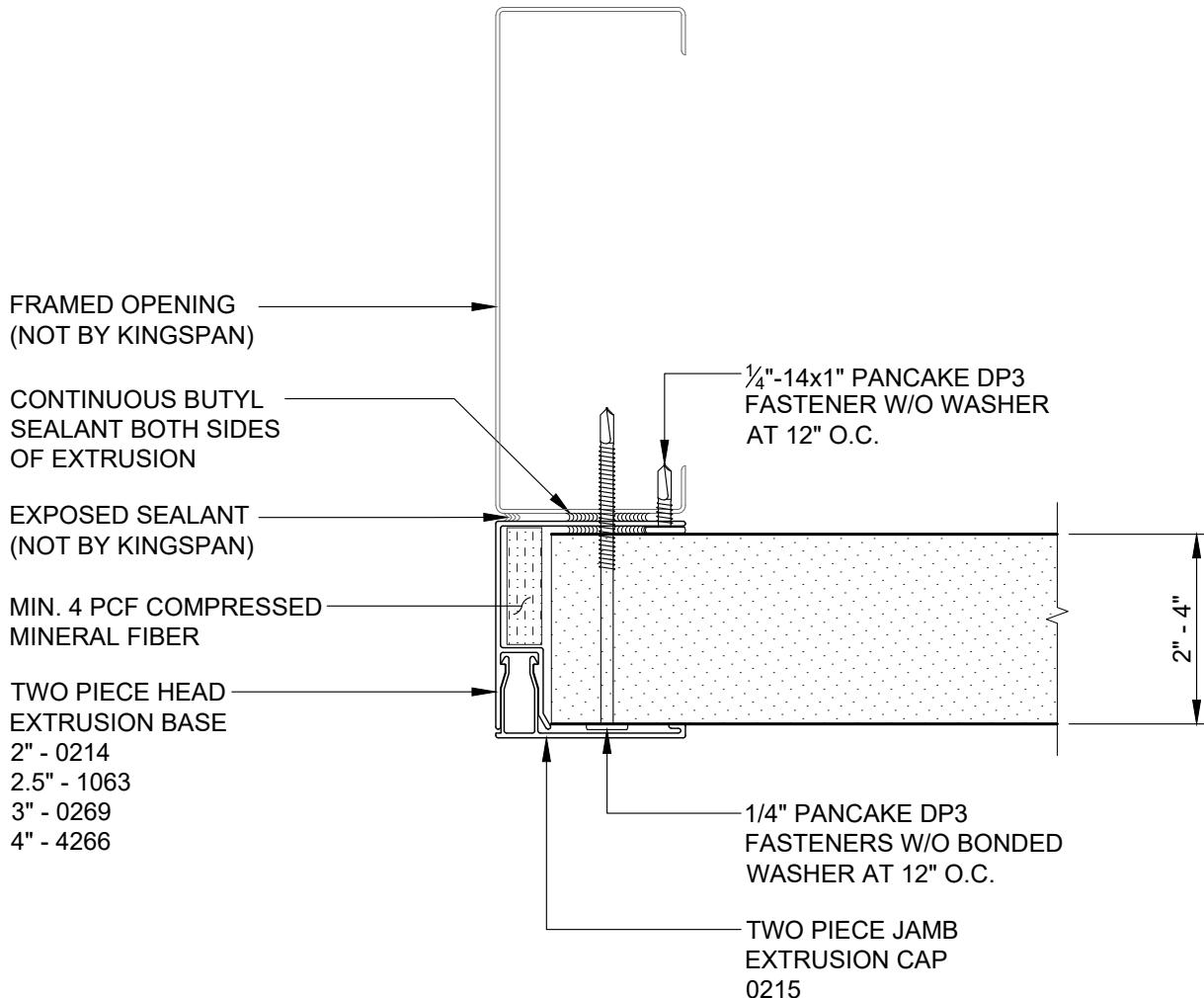
REVISION	
REVISION #	DATE
11	1/30/26

FRAMED OPENING HEAD  
W/ EXTRUSION

DETAIL #: CI-FO-08-KSV  
RELEASE: 2026  
REGION: NORTH AMERICA  
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# KS SERIES - VERTICAL INSTALLATION



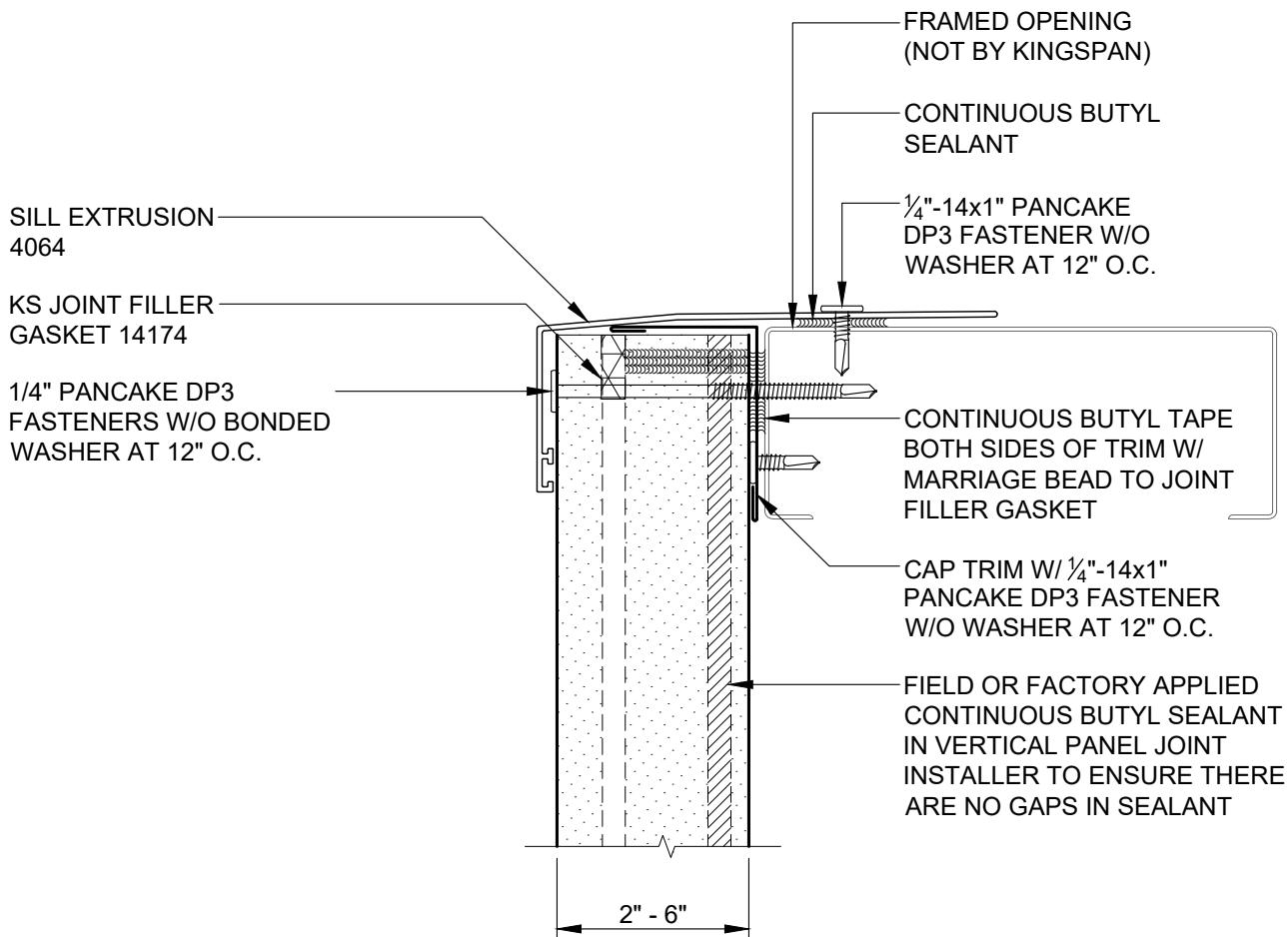
REVISION	
REVISION #	DATE
11	1/30/26

FRAMED OPENING JAMB  
W/ EXTRUSION

DETAIL #: CI-FO-09-KSV  
RELEASE: 2026  
REGION: NORTH AMERICA  
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# KS SERIES - VERTICAL INSTALLATION



KS JOINT FILLER GASKET INSTALLED IN JOINT CAVITY

FIELD OR FACTORY APPLIED BUTYL SEALANT IN PANEL JOINT(S)

REVISION	
REVISION #	DATE
11	1/30/26

FRAMED OPENING SILL W/ EXTRUSION

DETAIL #: CI-FO-10-KSV

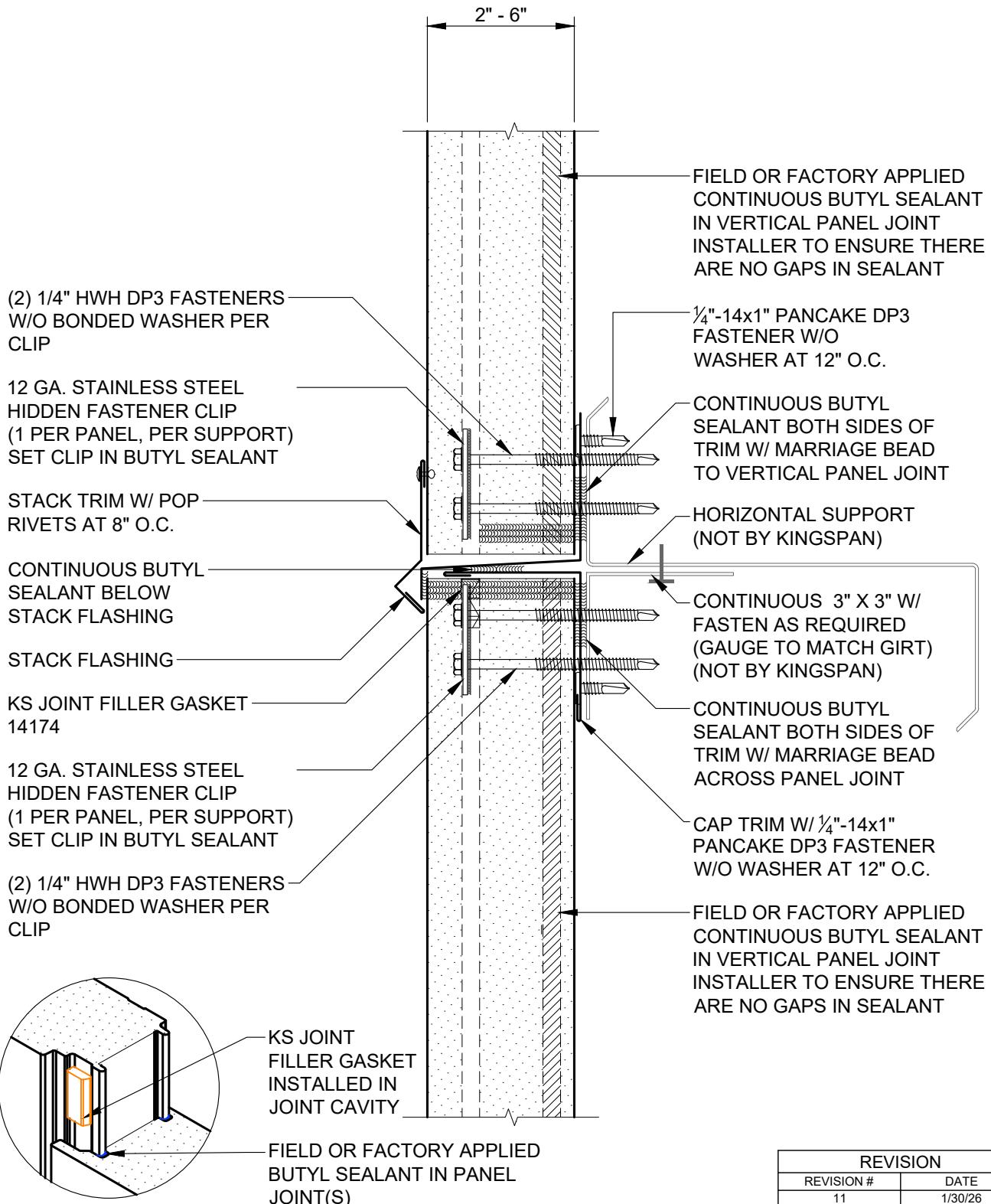
RELEASE: 2026

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# KS SERIES - VERTICAL INSTALLATION



REVISION	
REVISION #	DATE

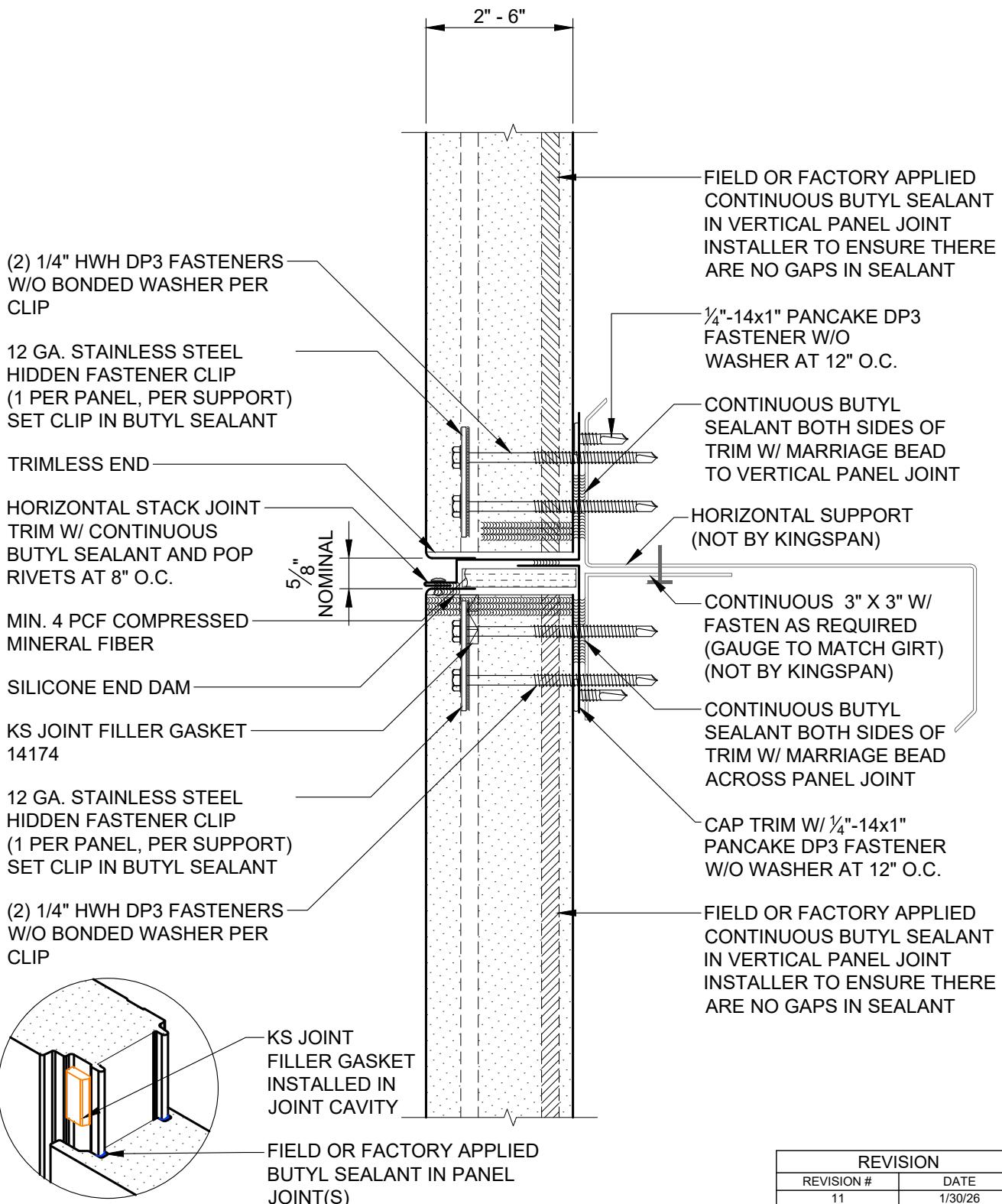
11 1/30/26

STACK JOINT

DETAIL #: CI-SJ-01-KSV  
RELEASE: 2026  
REGION: NORTH AMERICA  
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# KS SERIES - VERTICAL INSTALLATION



REVISION	
REVISION #	DATE

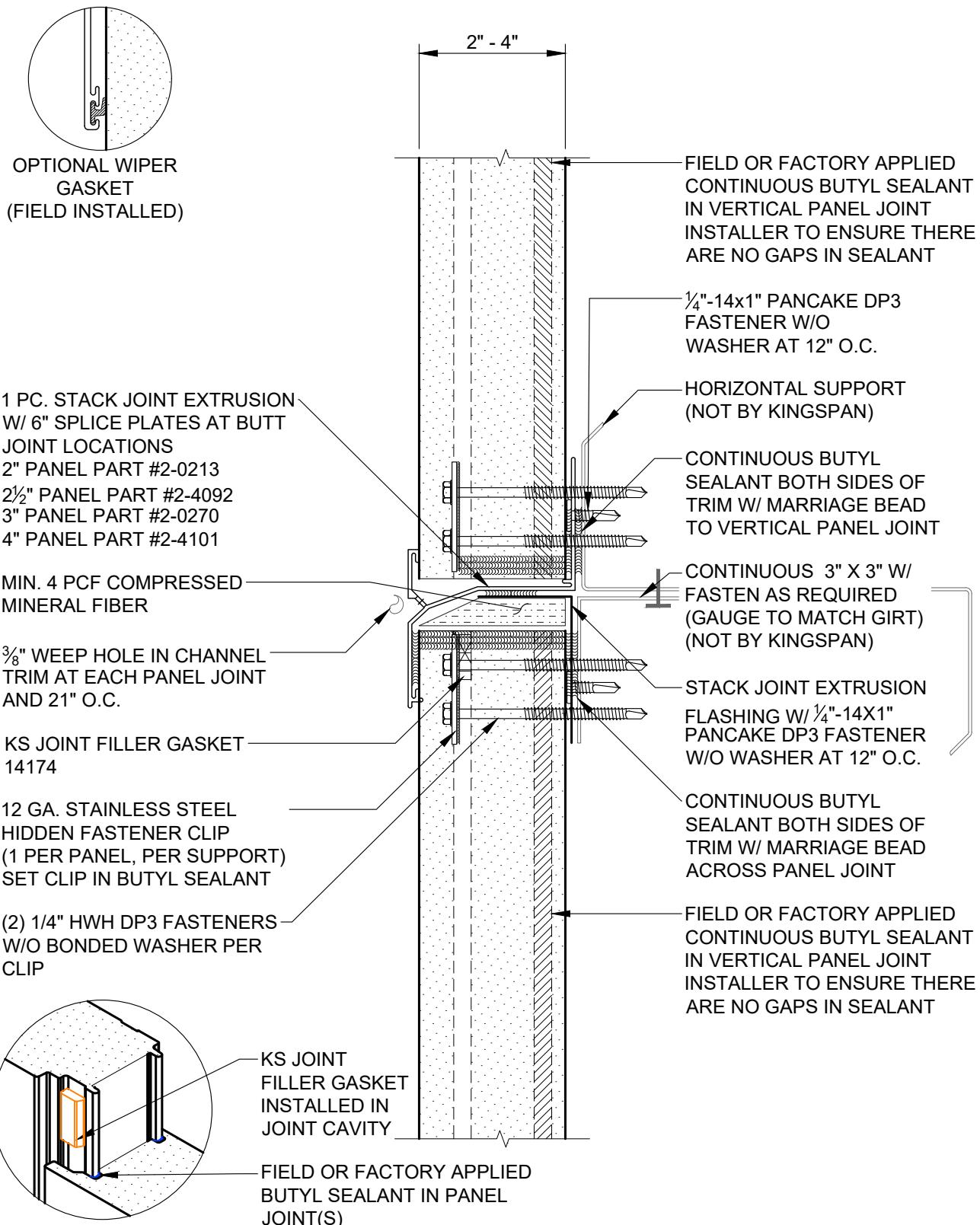
11 1/30/26

STACK JOINT W/  
TRIMLESS END

DETAIL #: CI-SJ-02-KSV  
RELEASE: 2026  
REGION: NORTH AMERICA  
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# KS SERIES - VERTICAL INSTALLATION



STACK JOINT W/  
ONE PIECE EXTRUSION

DETAIL #: CI-SJ-03-KSV

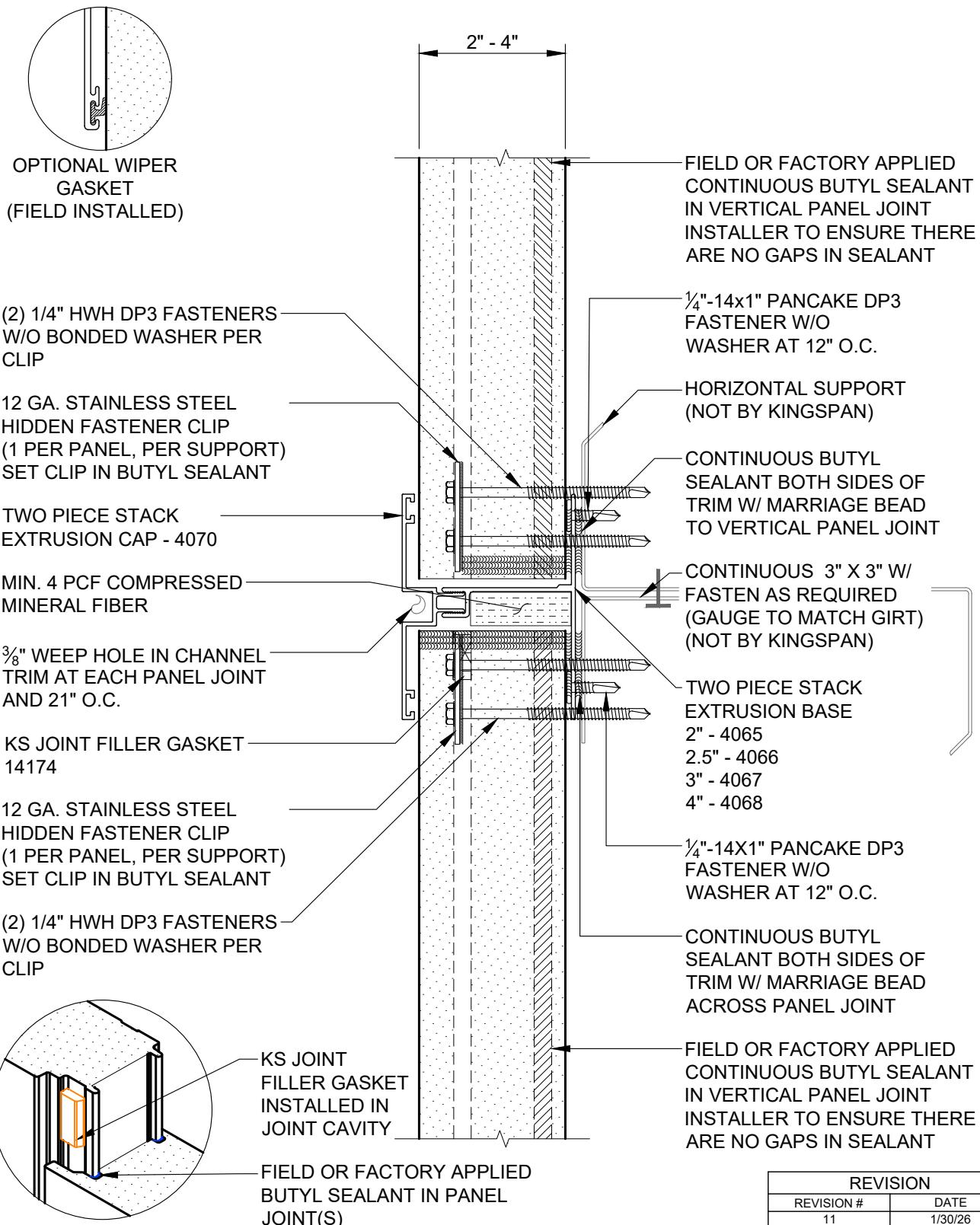
RELEASE: 2026

REGION: NORTH AMERICA

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# KS SERIES - VERTICAL INSTALLATION



STACK JOINT W/  
TWO PIECE EXTRUSION

DETAIL #: CI-SJ-04-KSV

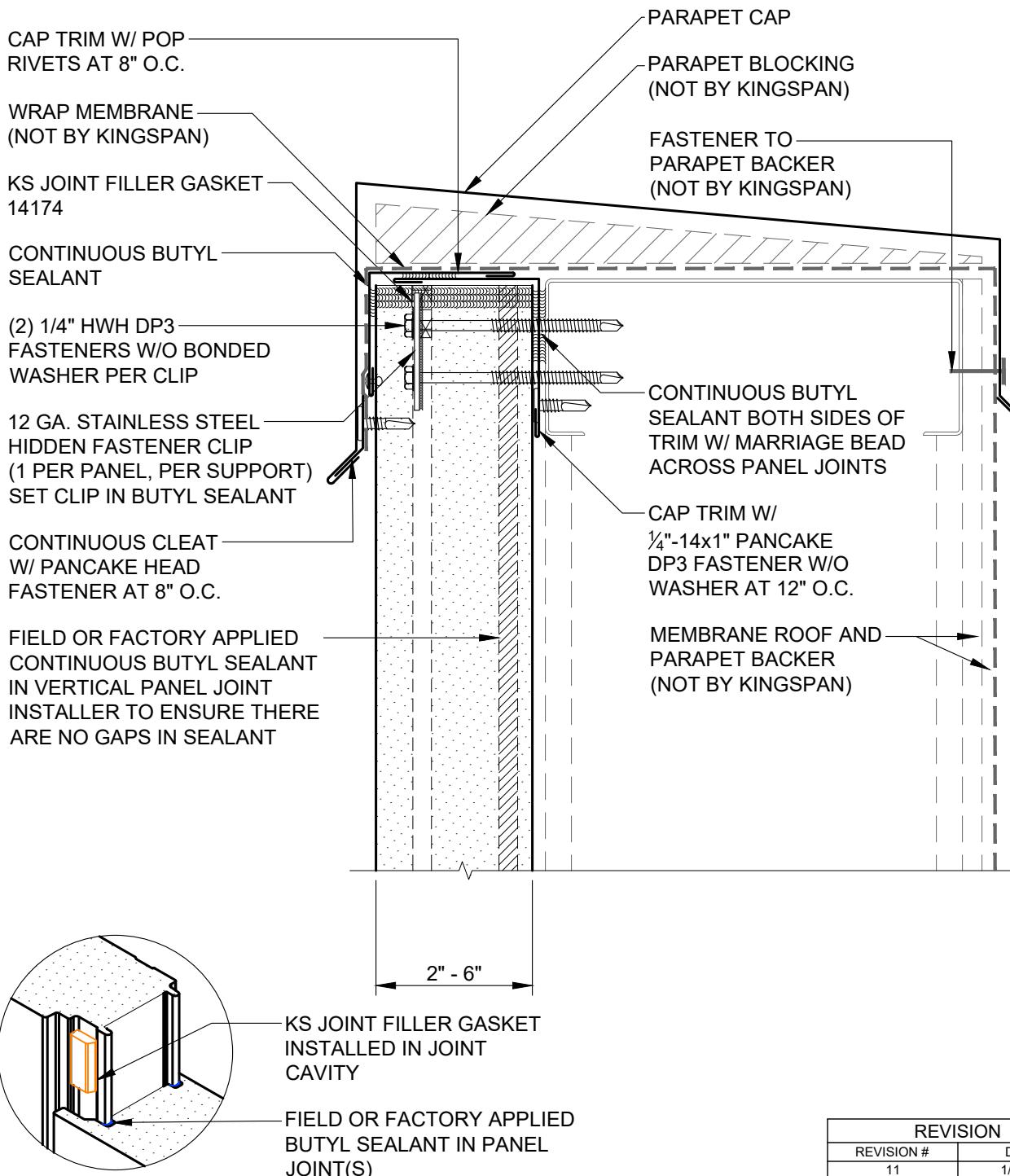
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# KS SERIES - VERTICAL INSTALLATION



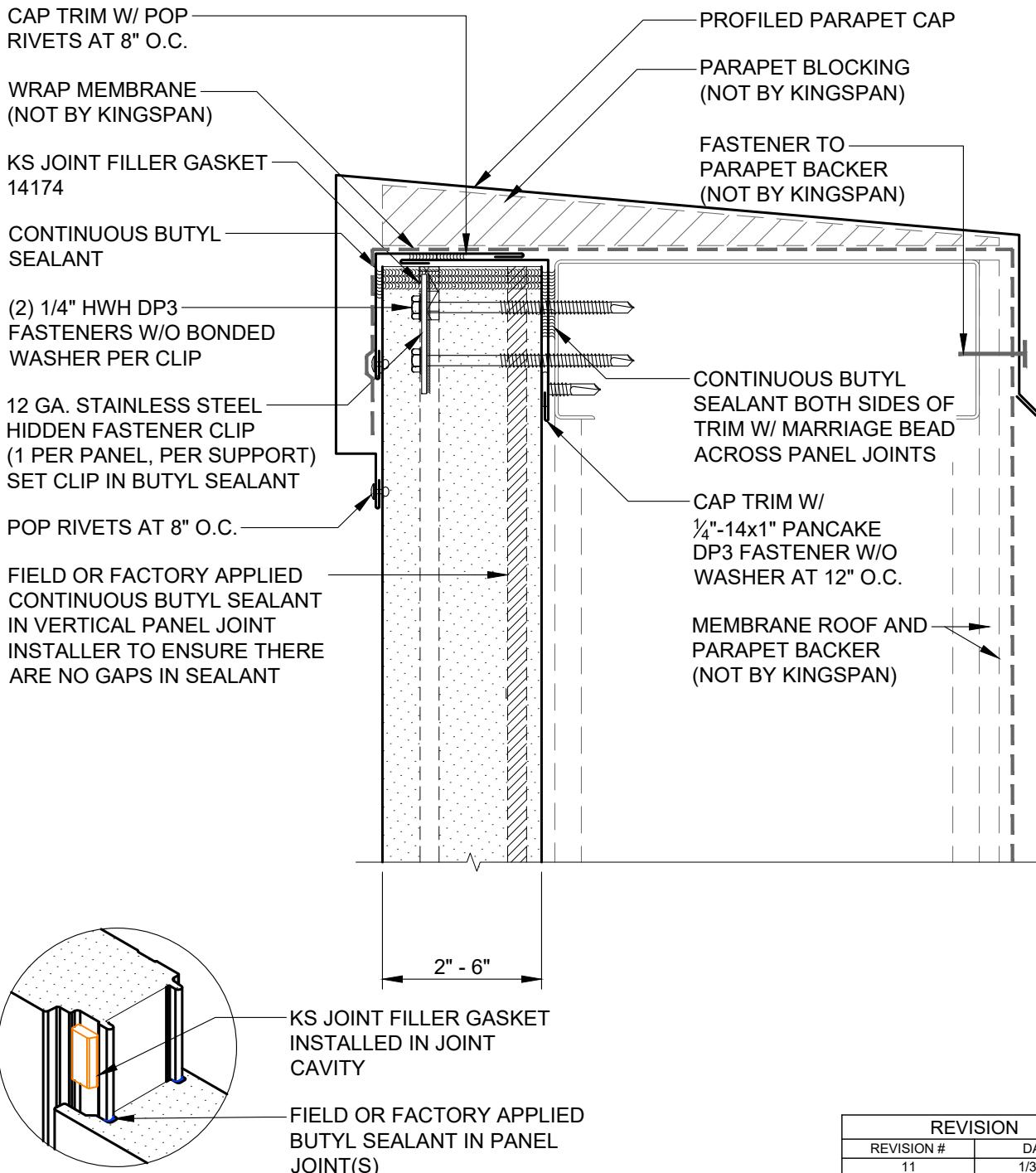
REVISION	
REVISION #	DATE
11	1/30/26

PARAPET W/  
FLUSH TRIM

DETAIL #: CI-PR-01-KSV  
RELEASE: 2026  
REGION: NORTH AMERICA  
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# KS SERIES - VERTICAL INSTALLATION



REVISION	
REVISION #	DATE

11      1/30/26

PARAPET W/  
PROFILED TRIM

DETAIL #: CI-PR-02-KSV

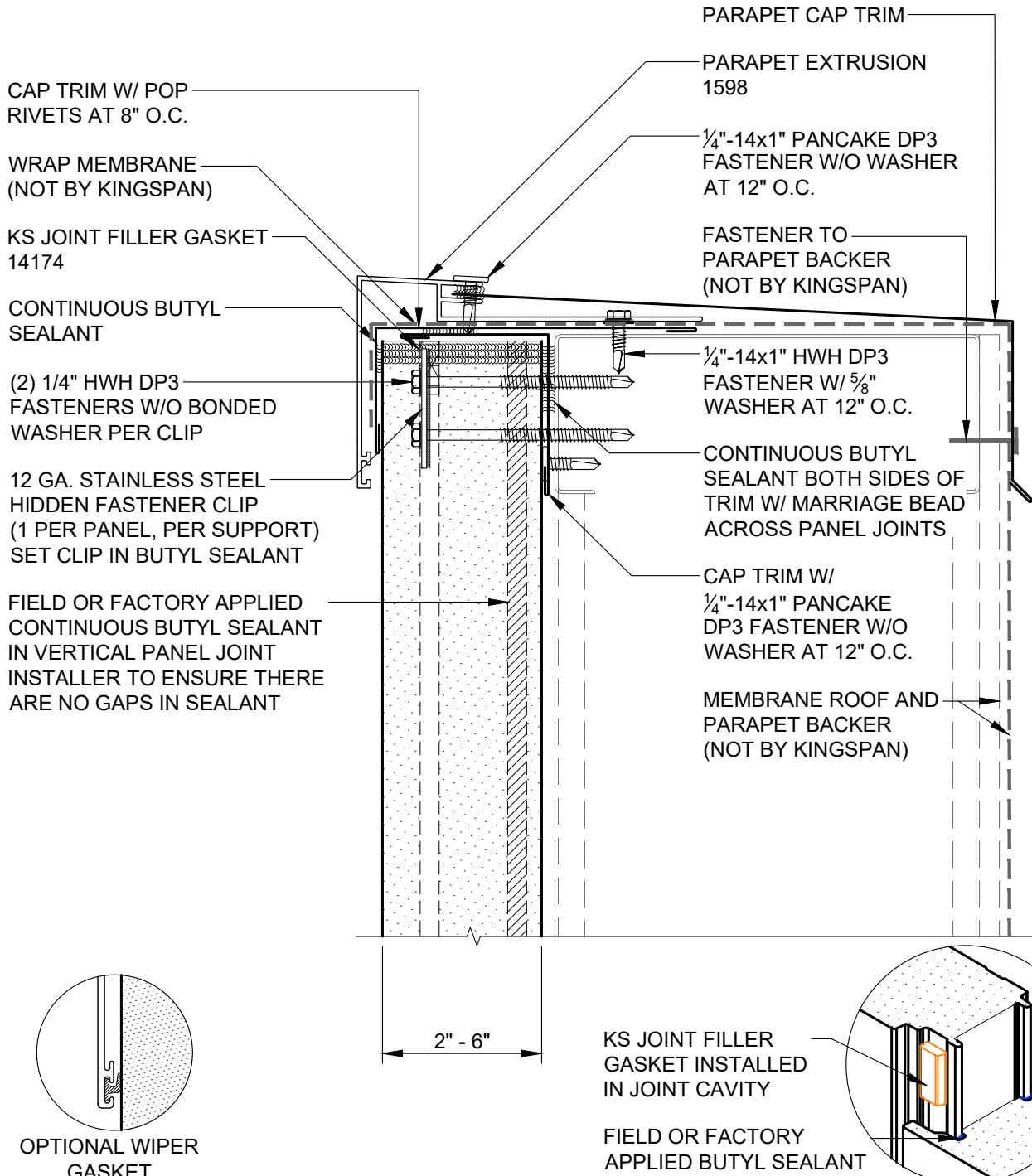
RELEASE: 2026

REGION: NORTH AMERICA

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# KS SERIES - VERTICAL INSTALLATION



REVISION	
REVISION #	DATE
11	1/30/26

PARAPET W/  
EXTRUSION

DETAIL #: CI-PR-03-KSV

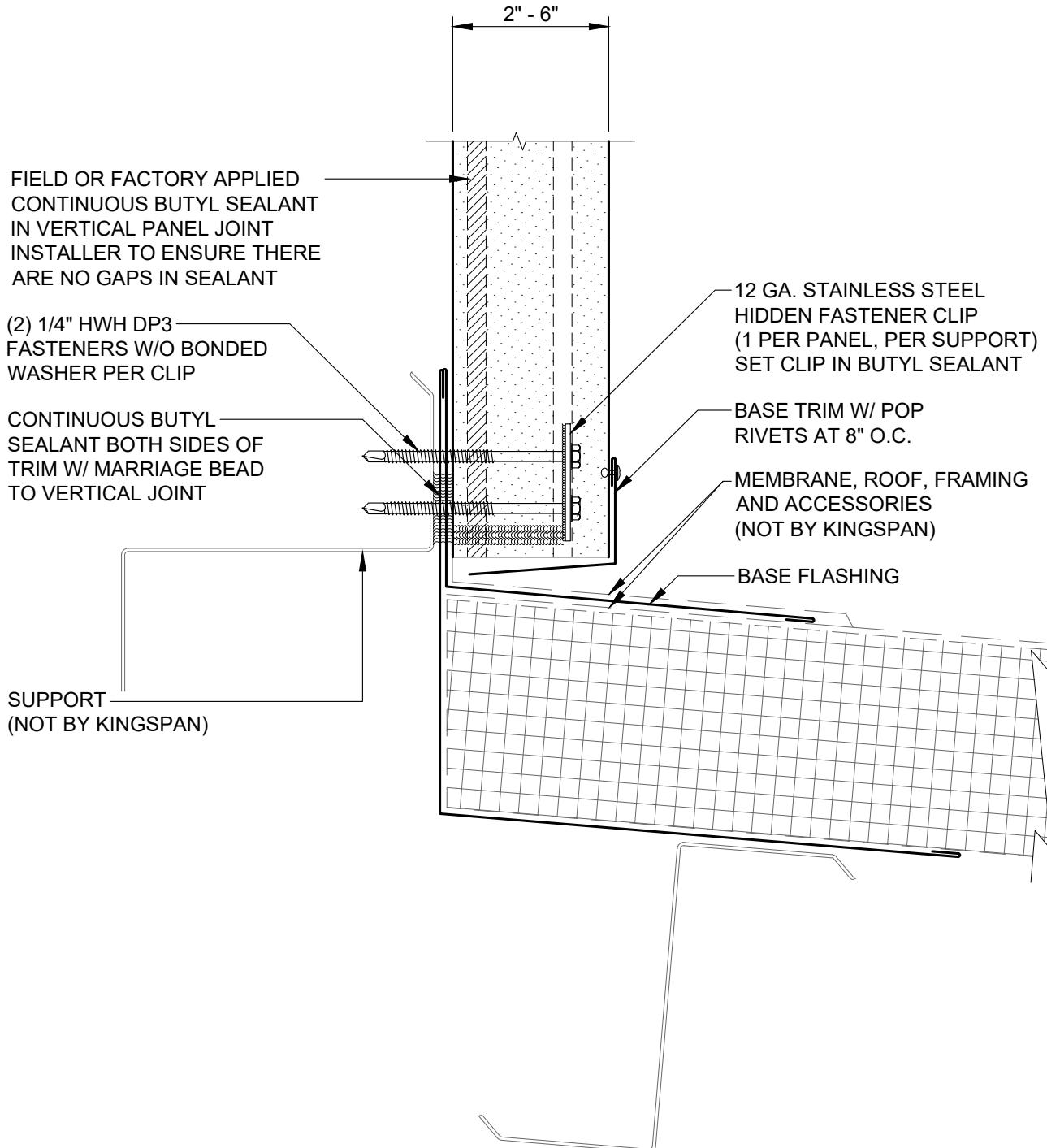
RELEASE: 2026

REGION: NORTH AMERICA

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# KS SERIES - VERTICAL INSTALLATION



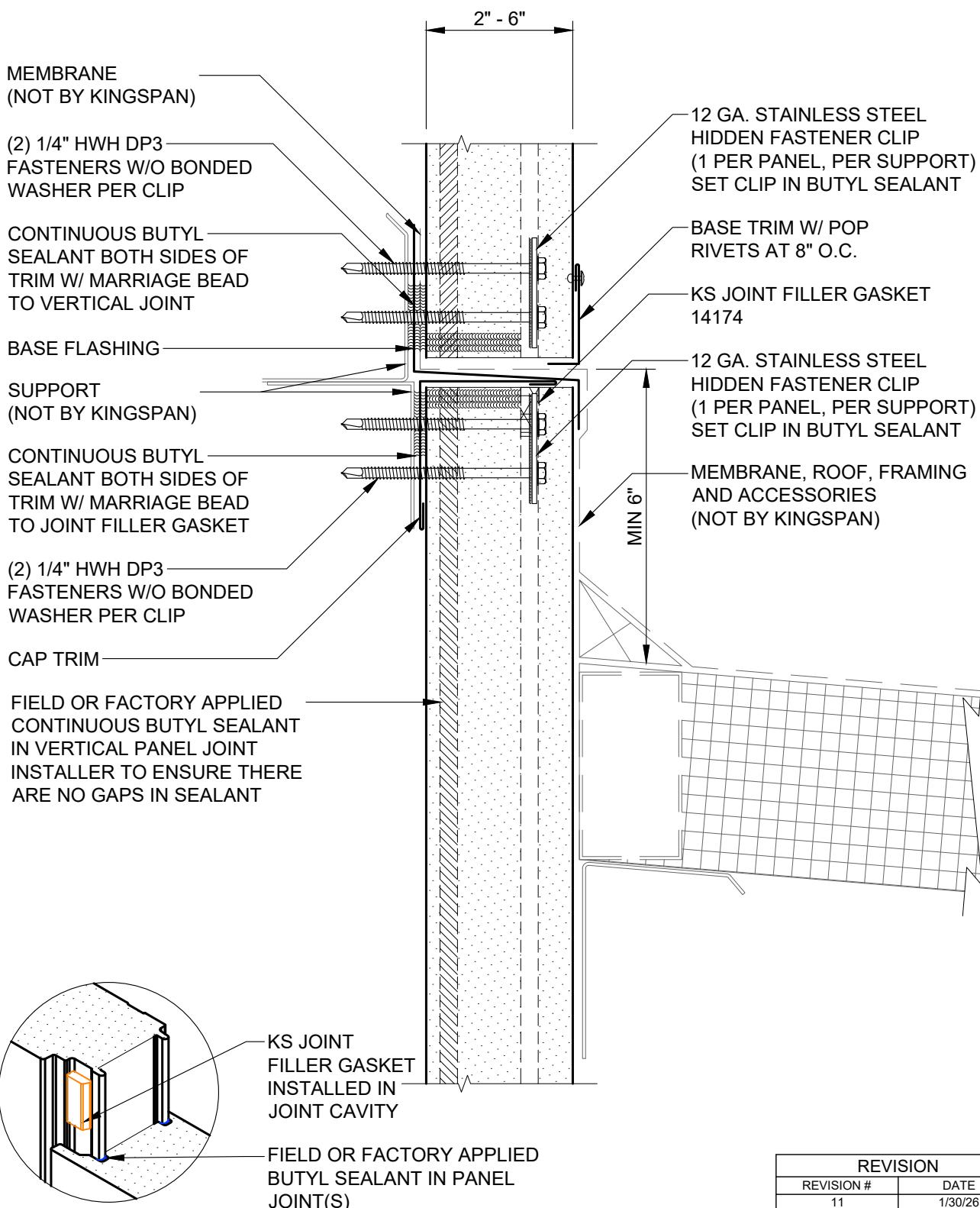
REVISION	
REVISION #	DATE
11	1/30/26

WALL TO ROOF

DETAIL #: CI-WR-01-KSV  
RELEASE: 2026  
REGION: NORTH AMERICA  
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# KS SERIES - VERTICAL INSTALLATION



CONTINUOUS WALL AT ROOF / CANOPY

DETAIL #: CI-WR-02-KSV

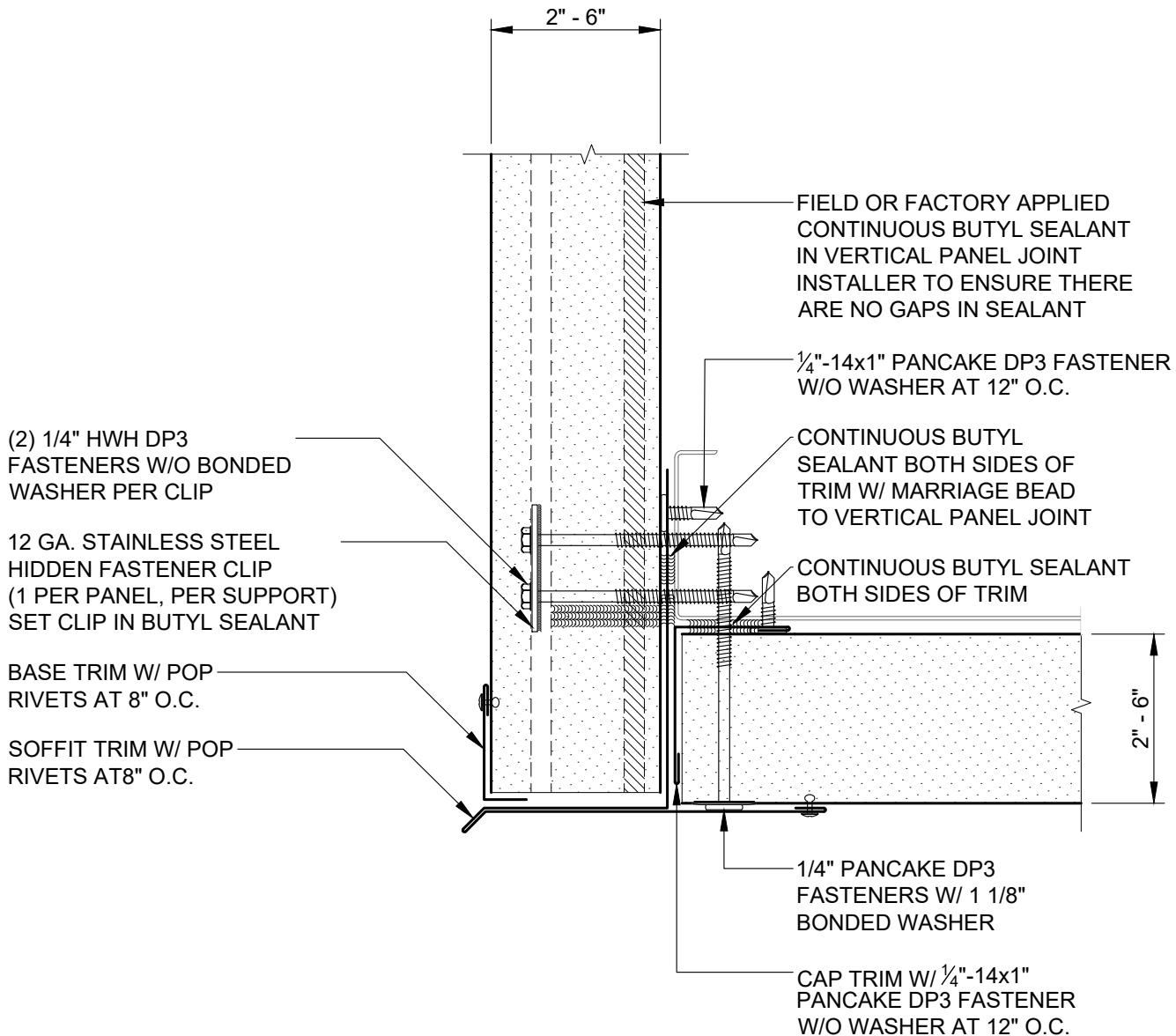
RELEASE: 2026

REGION: NORTH AMERICA

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# KS SERIES - VERTICAL INSTALLATION



REVISION	
REVISION #	DATE
11	1/30/26

WALL ABOVE TO  
HORIZONTAL SOFFIT

DETAIL #: CI-SO-01-KSV

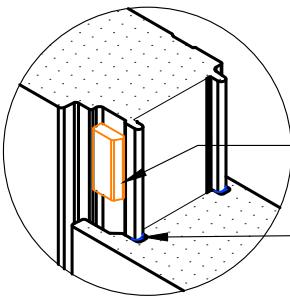
RELEASE: 2026

REGION: NORTH AMERICA

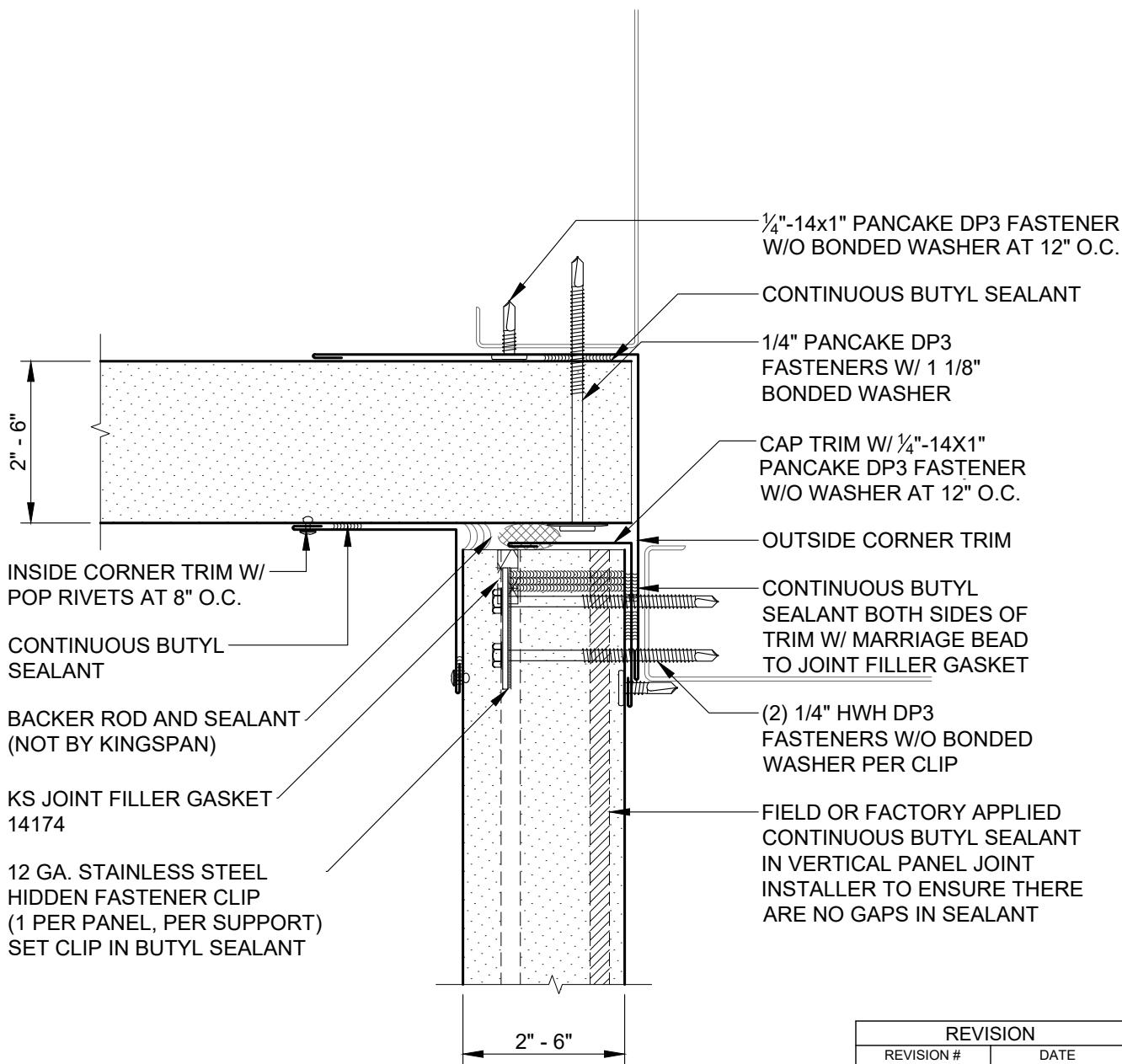
[www.kingspanpanels.com](http://www.kingspanpanels.com)



# KS SERIES - VERTICAL INSTALLATION



NOTE: INSTALL SOFFIT PRIOR TO WALL PANEL INSTALLATION.



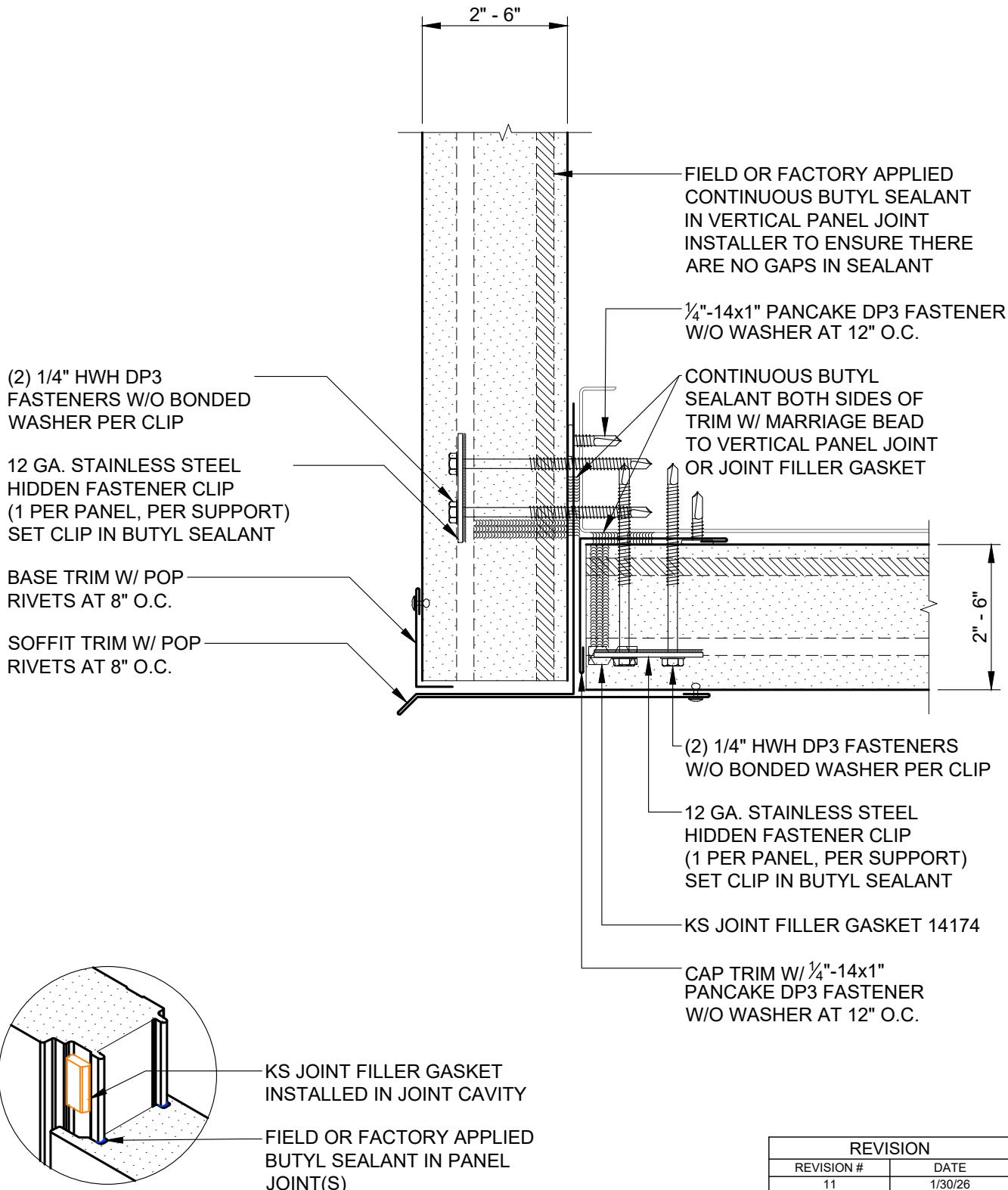
REVISION	
REVISION #	DATE
11	1/30/26

WALL BELOW TO HORIZONTAL SOFFIT

DETAIL #: CI-SO-02-KSV  
RELEASE: 2026  
REGION: NORTH AMERICA  
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# KS SERIES - VERTICAL INSTALLATION



REVISION	
REVISION #	DATE
11	1/30/26

WALL ABOVE TO  
VERTICAL SOFFIT

DETAIL #: CI-SO-03-KSV

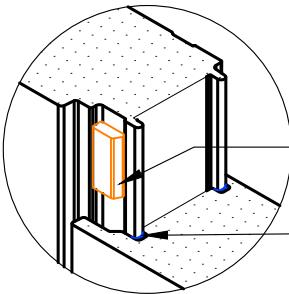
RELEASE: 2026

REGION: NORTH AMERICA

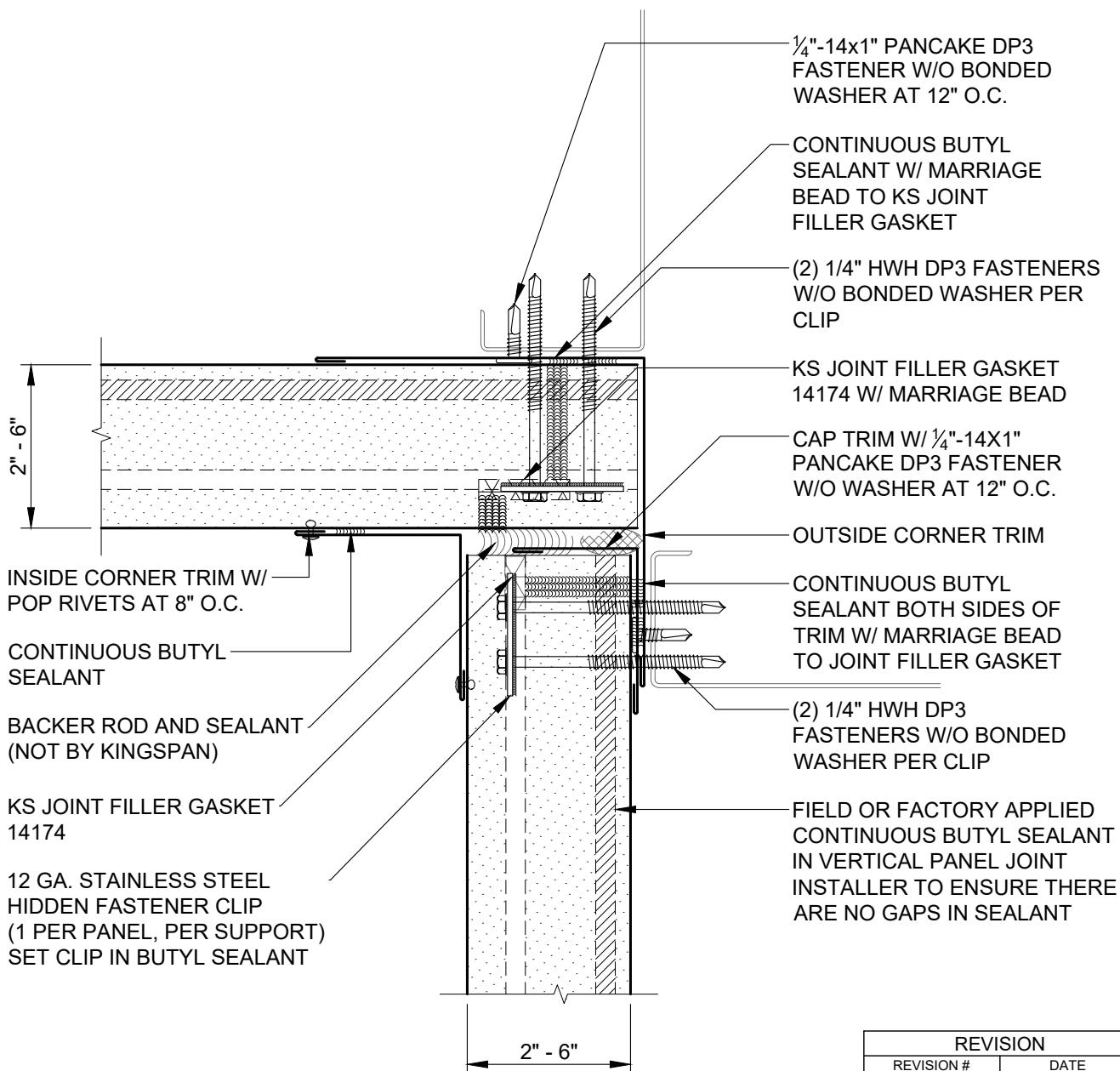
[www.kingspanpanels.com](http://www.kingspanpanels.com)



# KS SERIES - VERTICAL INSTALLATION



NOTE: INSTALL SOFFIT PRIOR TO WALL PANEL INSTALLATION.



WALL BELOW TO VERTICAL SOFFIT

DETAIL #: CI-SO-04-KSV

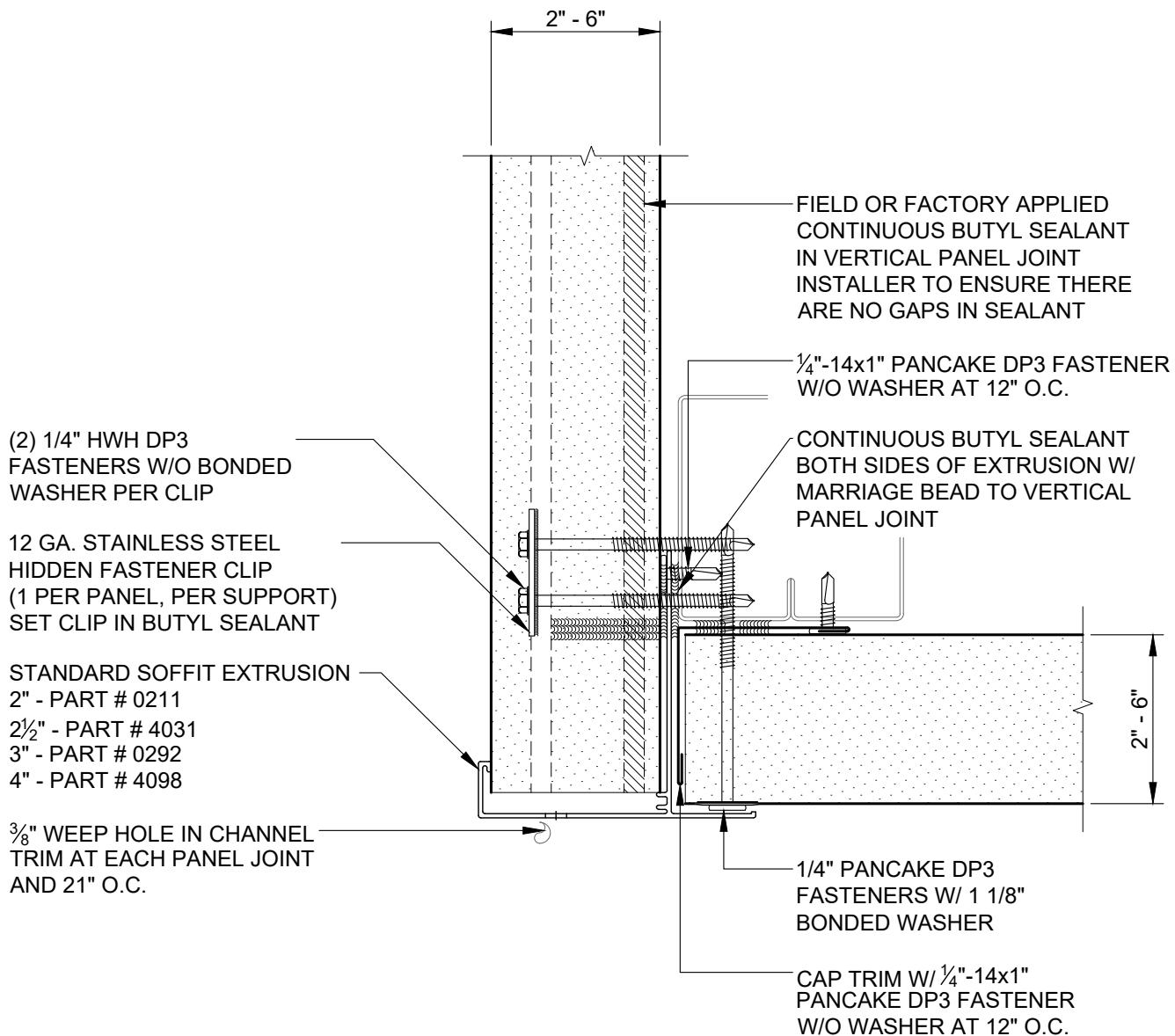
RELEASE: 2026

REGION: NORTH AMERICA

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# KS SERIES - VERTICAL INSTALLATION



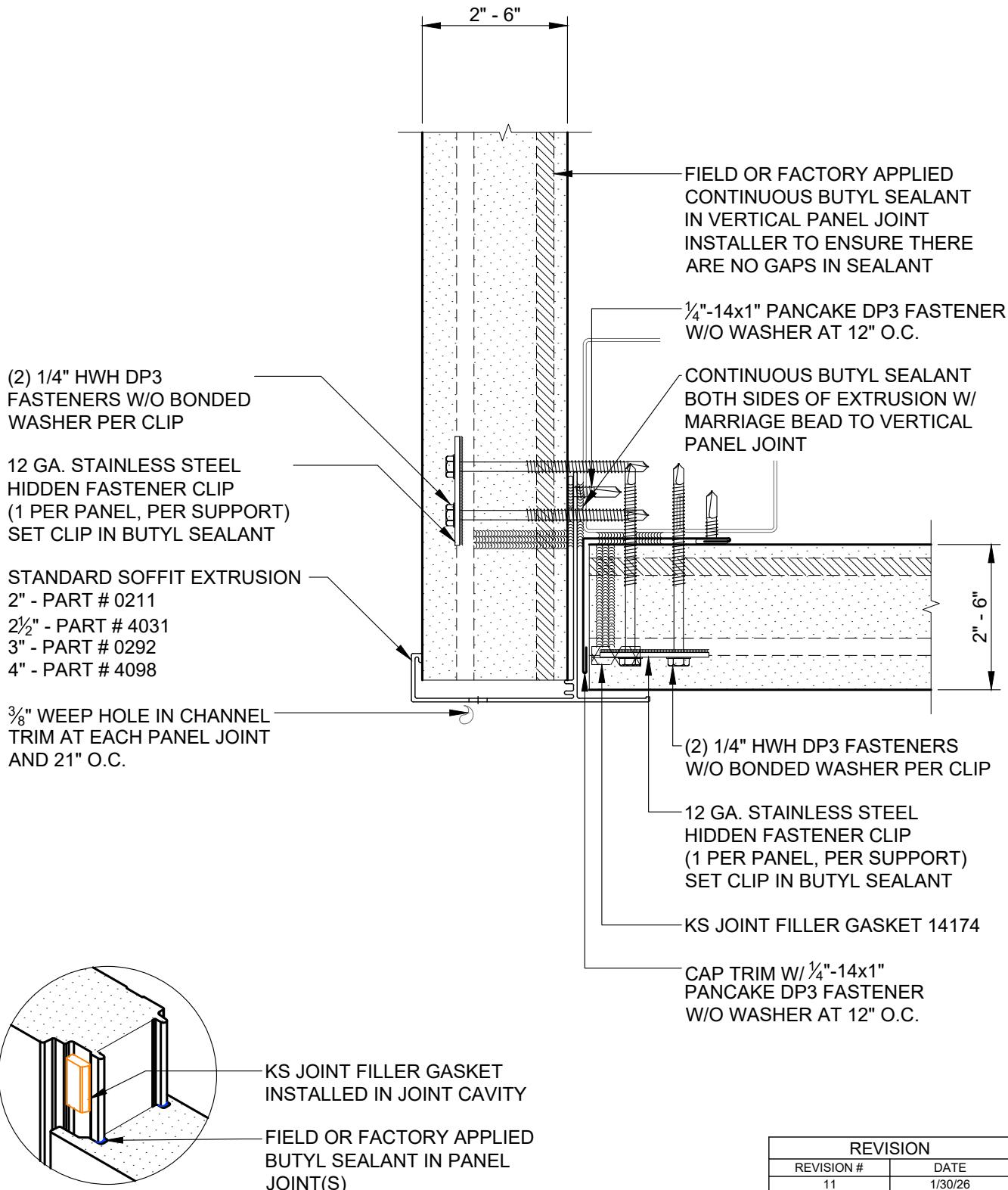
REVISION	
REVISION #	DATE
11	1/30/26

WALL ABOVE TO  
HORIZONTAL SOFFIT  
W/ EXTRUSION

DETAIL #: CI-SO-05-KSV  
RELEASE: 2026  
REGION: NORTH AMERICA  
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# KS SERIES - VERTICAL INSTALLATION



REVISION	
REVISION #	DATE
11	1/30/26

WALL ABOVE TO  
VERTICAL SOFFIT  
W/ EXTRUSION

DETAIL #: CI-SO-06-KSV

RELEASE: 2026

REGION: NORTH AMERICA

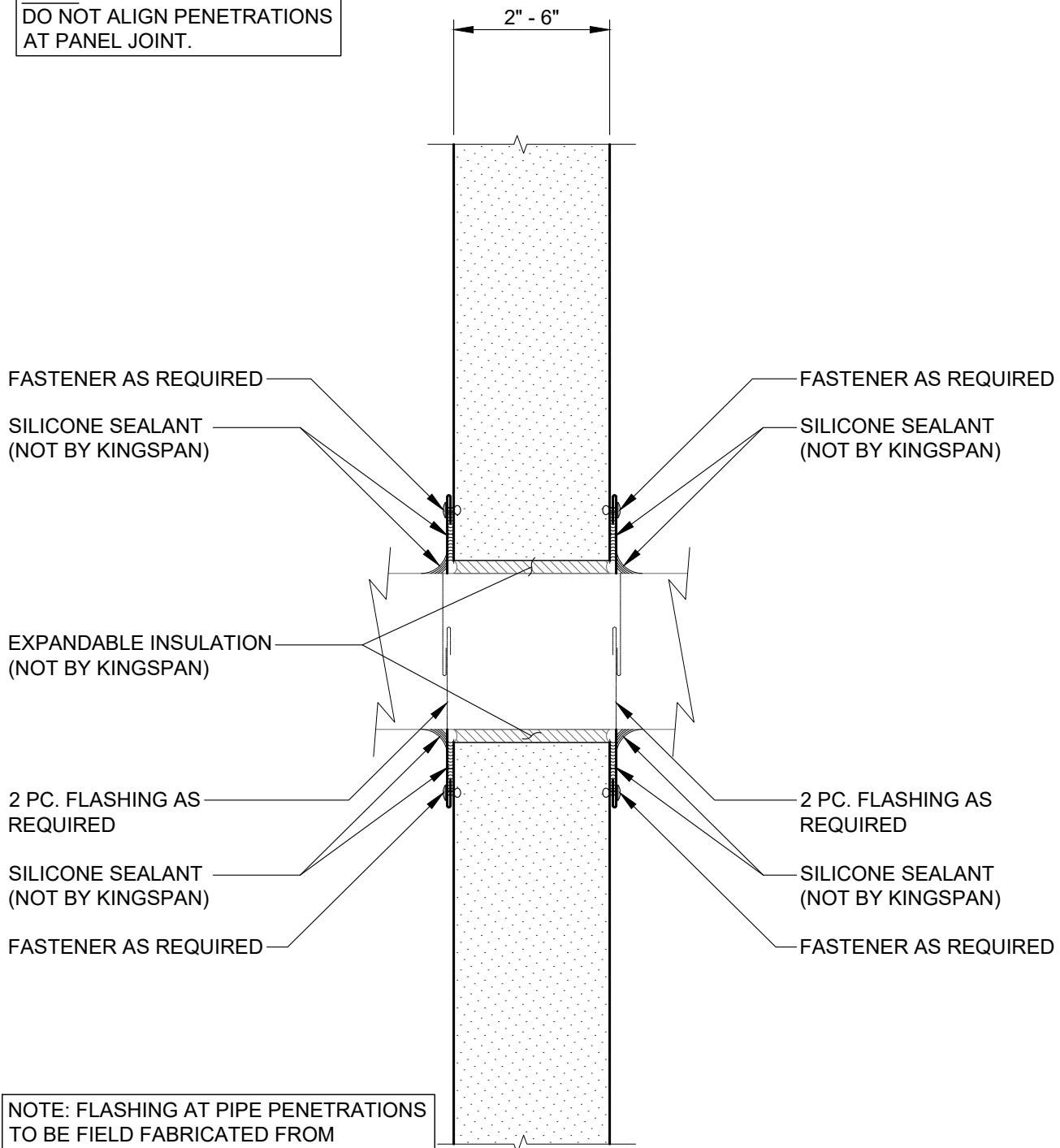
[www.kingspanpanels.com](http://www.kingspanpanels.com)



# KS SERIES - VERTICAL INSTALLATION

**NOTE:**

DO NOT ALIGN PENETRATIONS  
AT PANEL JOINT.



REVISION	
REVISION #	DATE
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PIPE PENETRATION  
SECTION

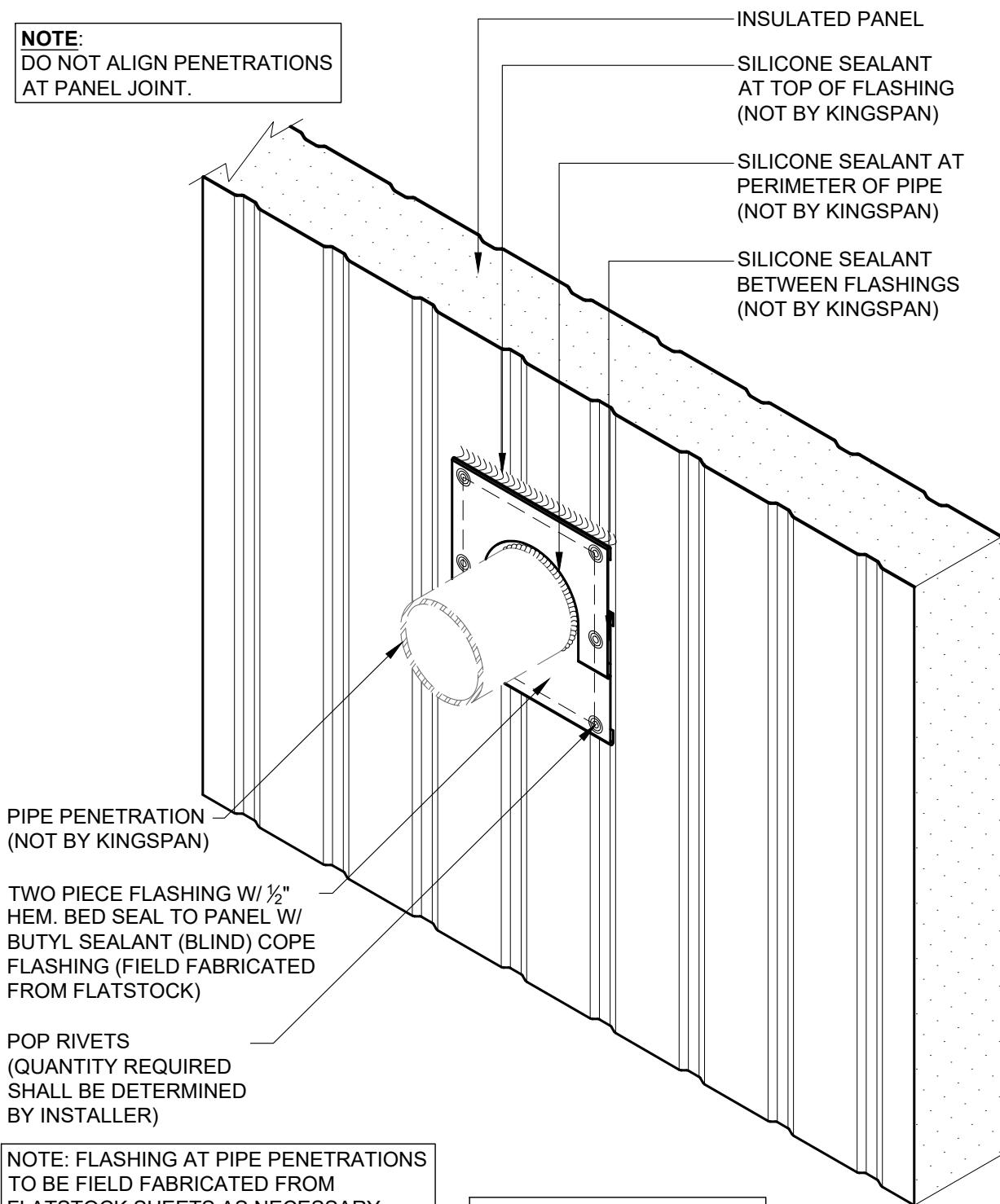
DETAIL #: CI-PE-01-KSV  
RELEASE: 2026  
REGION: NORTH AMERICA  
[www.kingspanpanels.com](http://www.kingspanpanels.com)

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# KS SERIES - VERTICAL 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
11	1/30/26

PIPE PENETRATION  
ISOMETRIC

DETAIL #: CI-PE-02-KSV

RELEASE: 2026

REGION: NORTH AMERICA

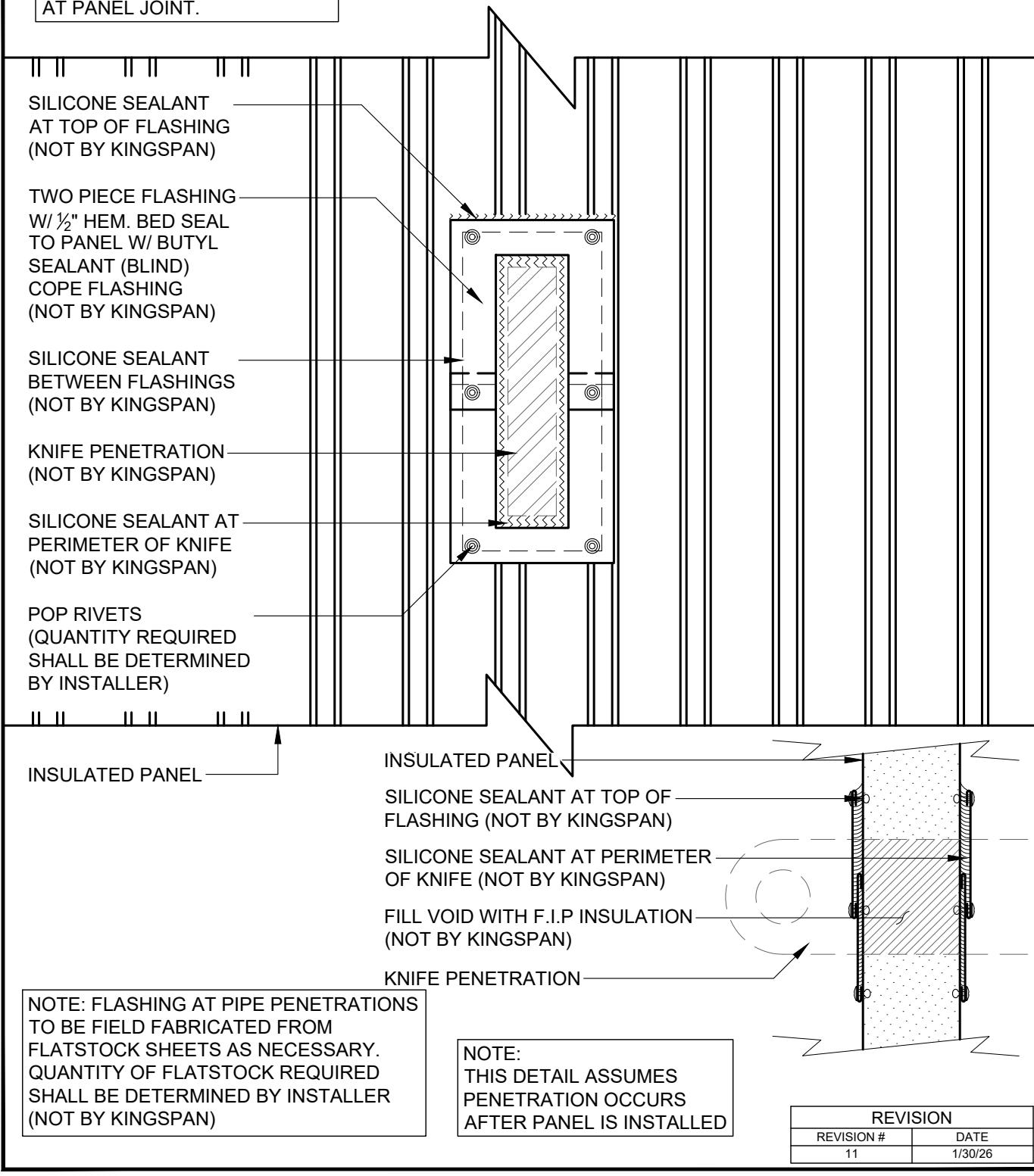
[www.kingspanpanels.com](http://www.kingspanpanels.com)

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# KS SERIES - VERTICAL INSTALLATION

**NOTE:**

DO NOT ALIGN PENETRATIONS  
AT PANEL JOINT.



KNIFE PENETRATION

DETAIL #: CI-PE-03-KSV

RELEASE: 2026

REGION: NORTH AMERICA

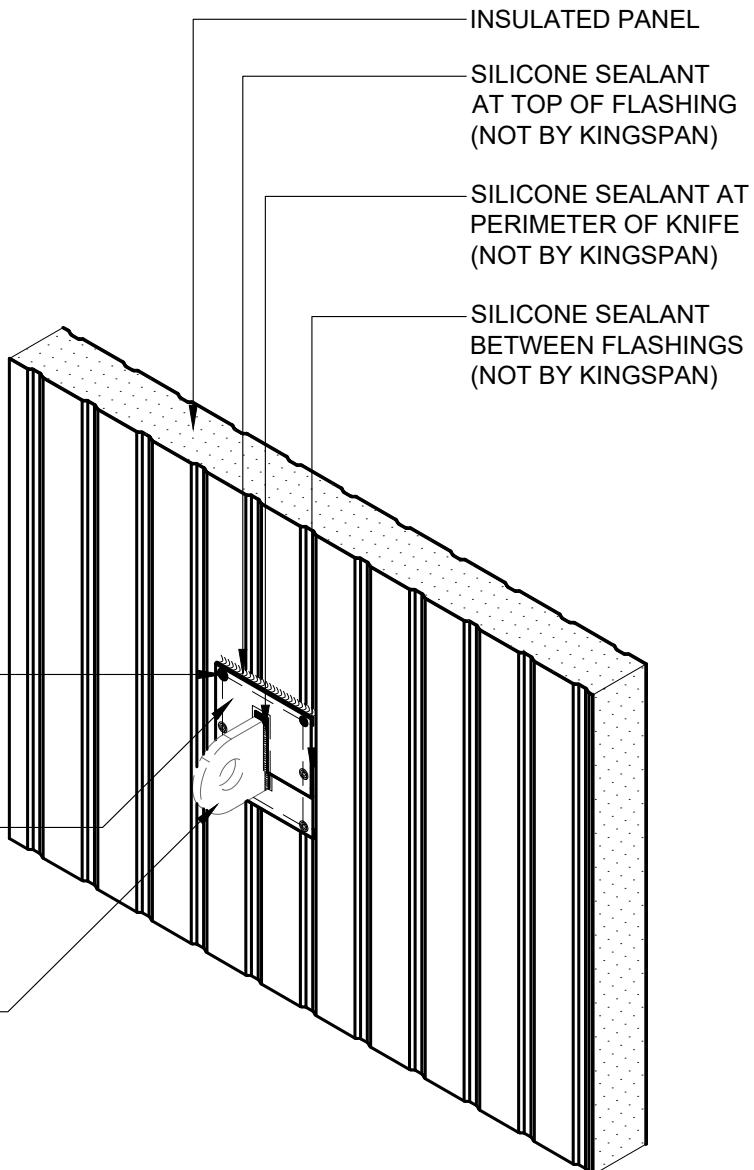
[www.kingspanpanels.com](http://www.kingspanpanels.com)

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# KS SERIES - VERTICAL 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
11	1/30/26

KNIFE  
PENETRATION ISOMETRIC

DETAIL #: CI-PE-04-KSV

RELEASE: 2026

REGION: NORTH AMERICA

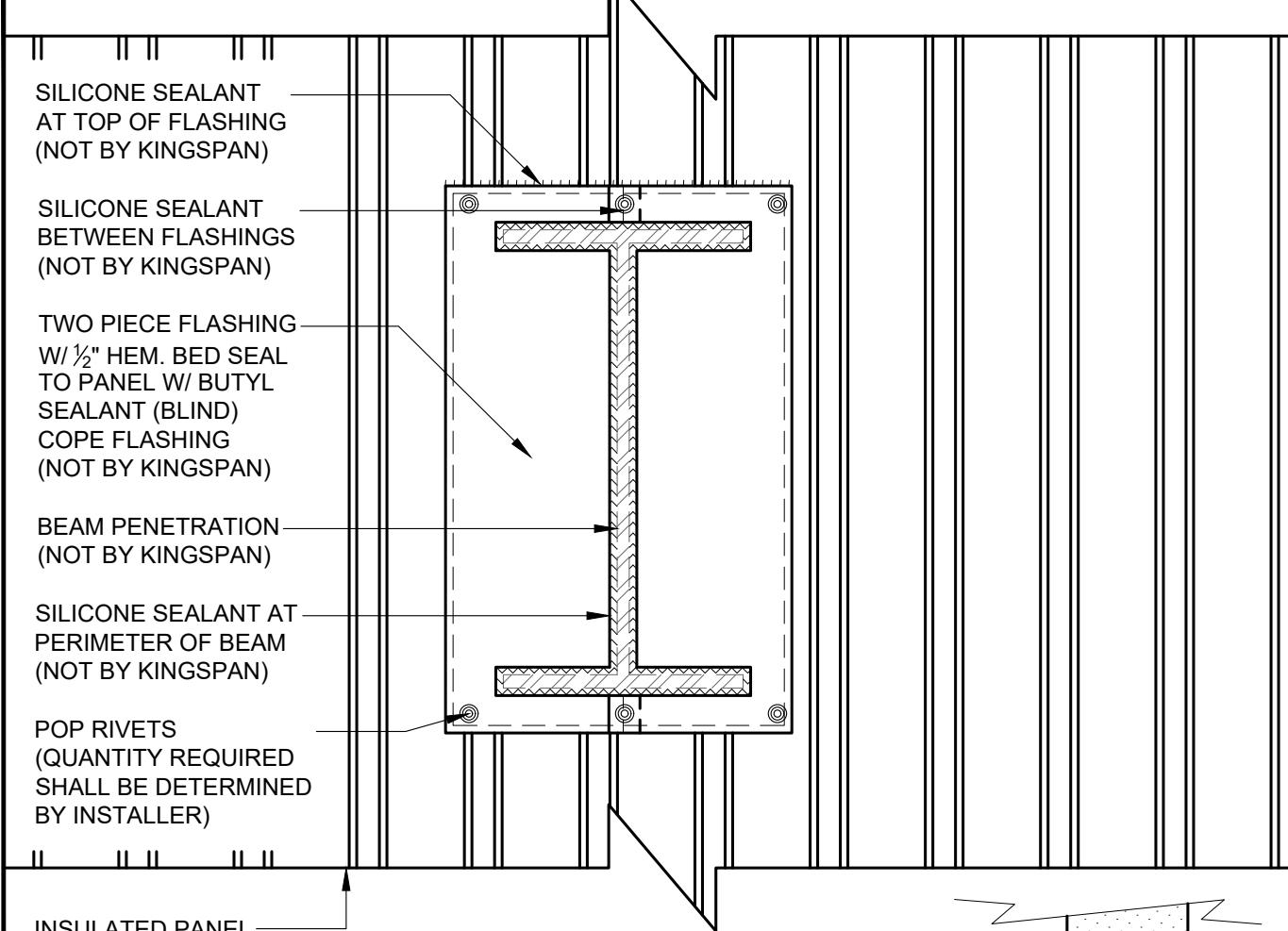
[www.kingspanpanels.com](http://www.kingspanpanels.com)

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# KS SERIES - VERTICAL 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
11	1/30/26

BEAM PENETRATION

DETAIL #: CI-PE-05-KSV

RELEASE: 2026

REGION: NORTH AMERICA

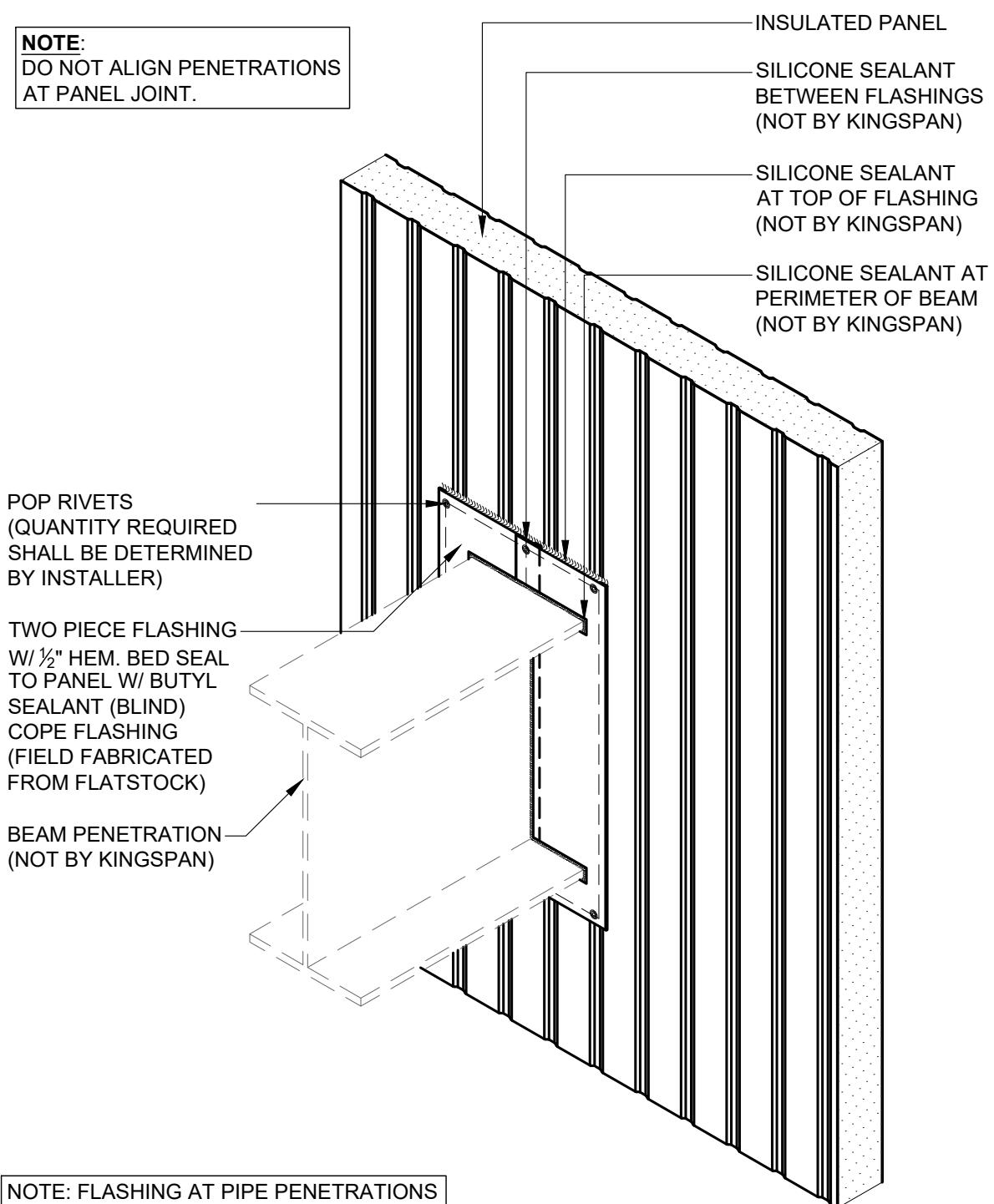
[www.kingspanpanels.com](http://www.kingspanpanels.com)



# KS SERIES - VERTICAL 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
11	1/30/26

BEAM PENETRATION  
ISOMETRIC

DETAIL #: CI-PE-06-KSV

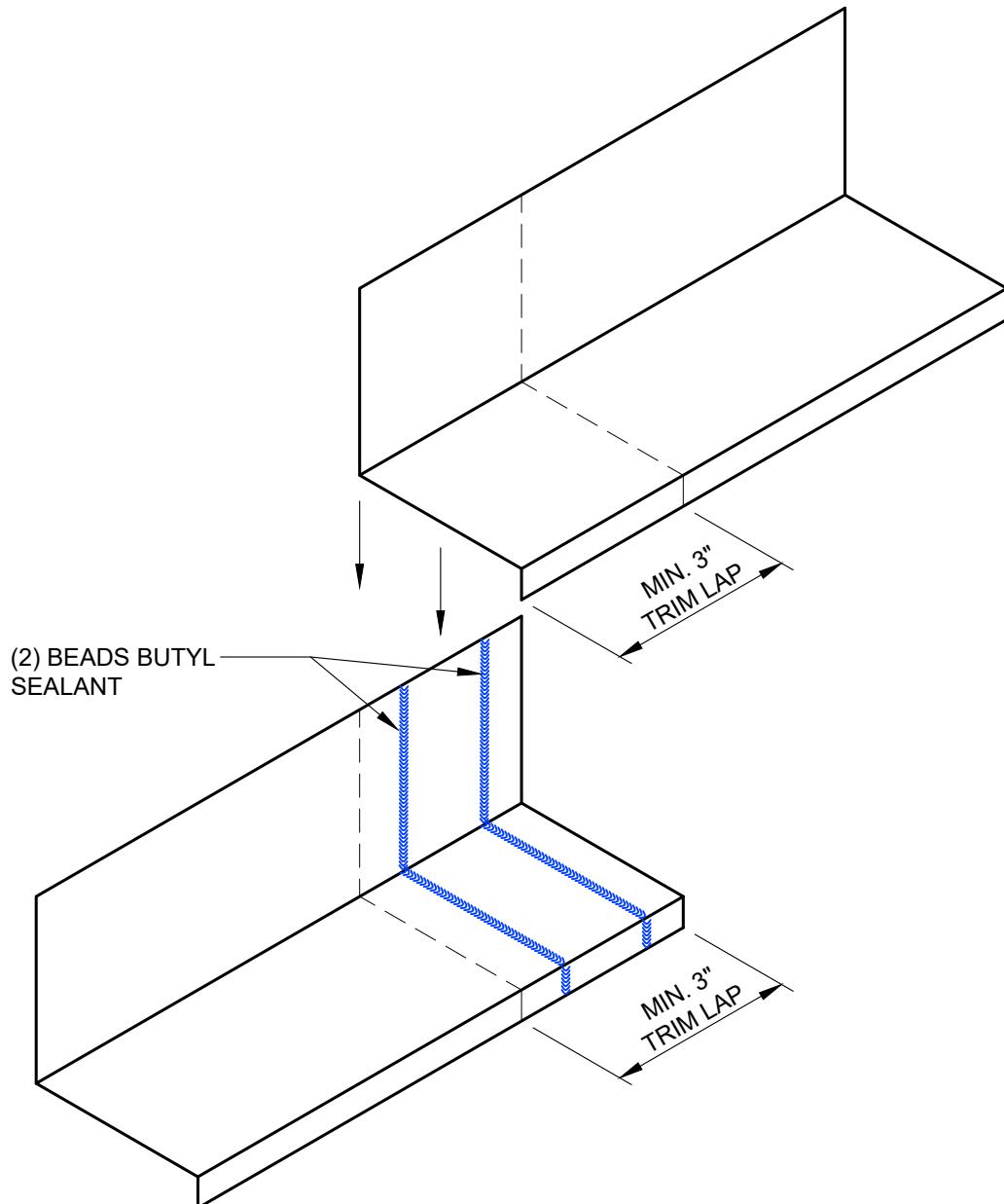
RELEASE: 2026

REGION: NORTH AMERICA

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# KS SERIES - VERTICAL INSTALLATION



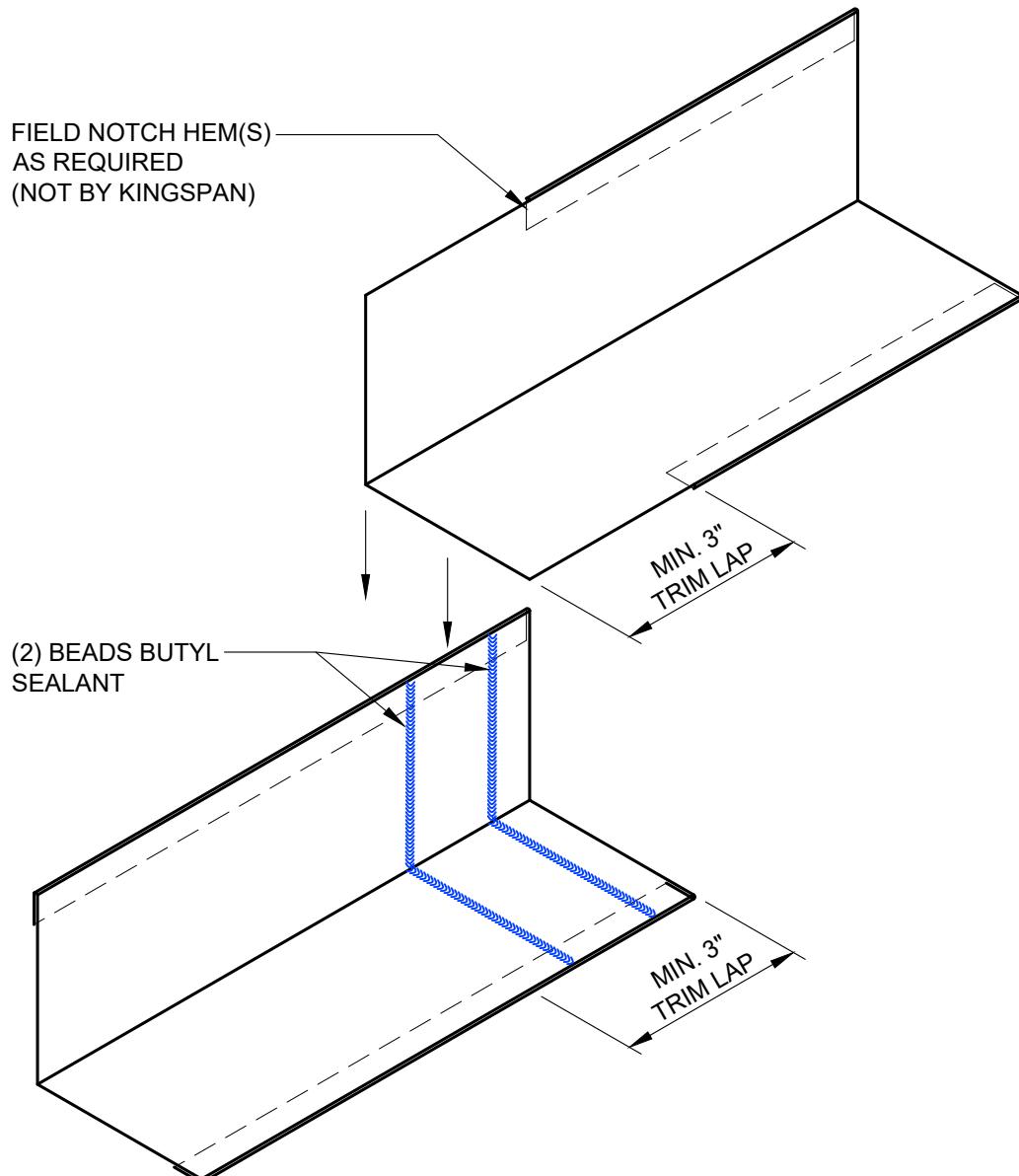
REVISION	
REVISION #	DATE
11	1/30/26

TRIM END LAP

DETAIL #: CI-TL-01-KSV  
RELEASE: 2026  
REGION: NORTH AMERICA  
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# KS SERIES - VERTICAL INSTALLATION



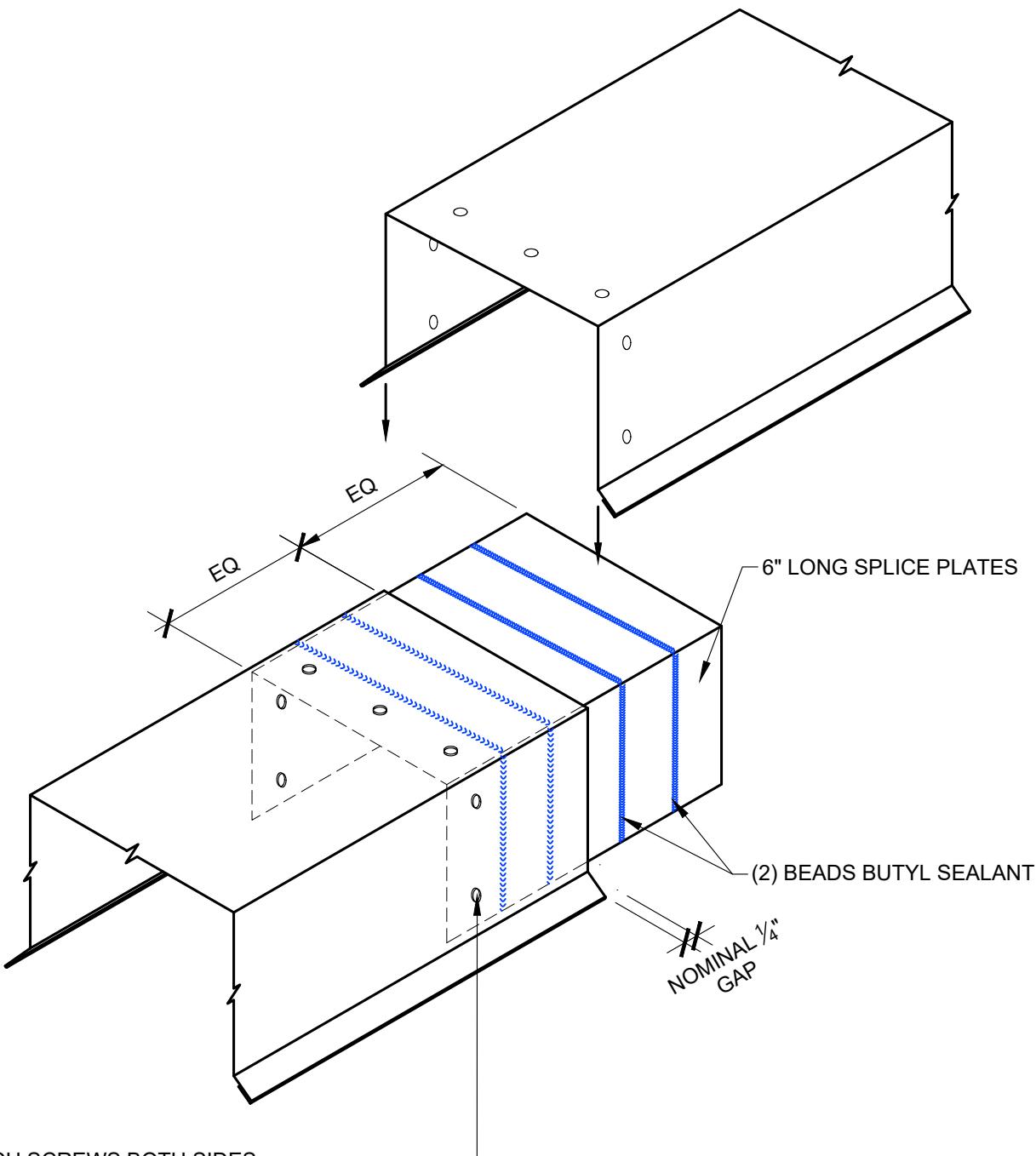
REVISION	
REVISION #	DATE
11	1/30/26

TRIM END LAP  
W/ HEM

DETAIL #: CI-TL-02-KSV  
RELEASE: 2026  
REGION: NORTH AMERICA  
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# KS SERIES - VERTICAL INSTALLATION



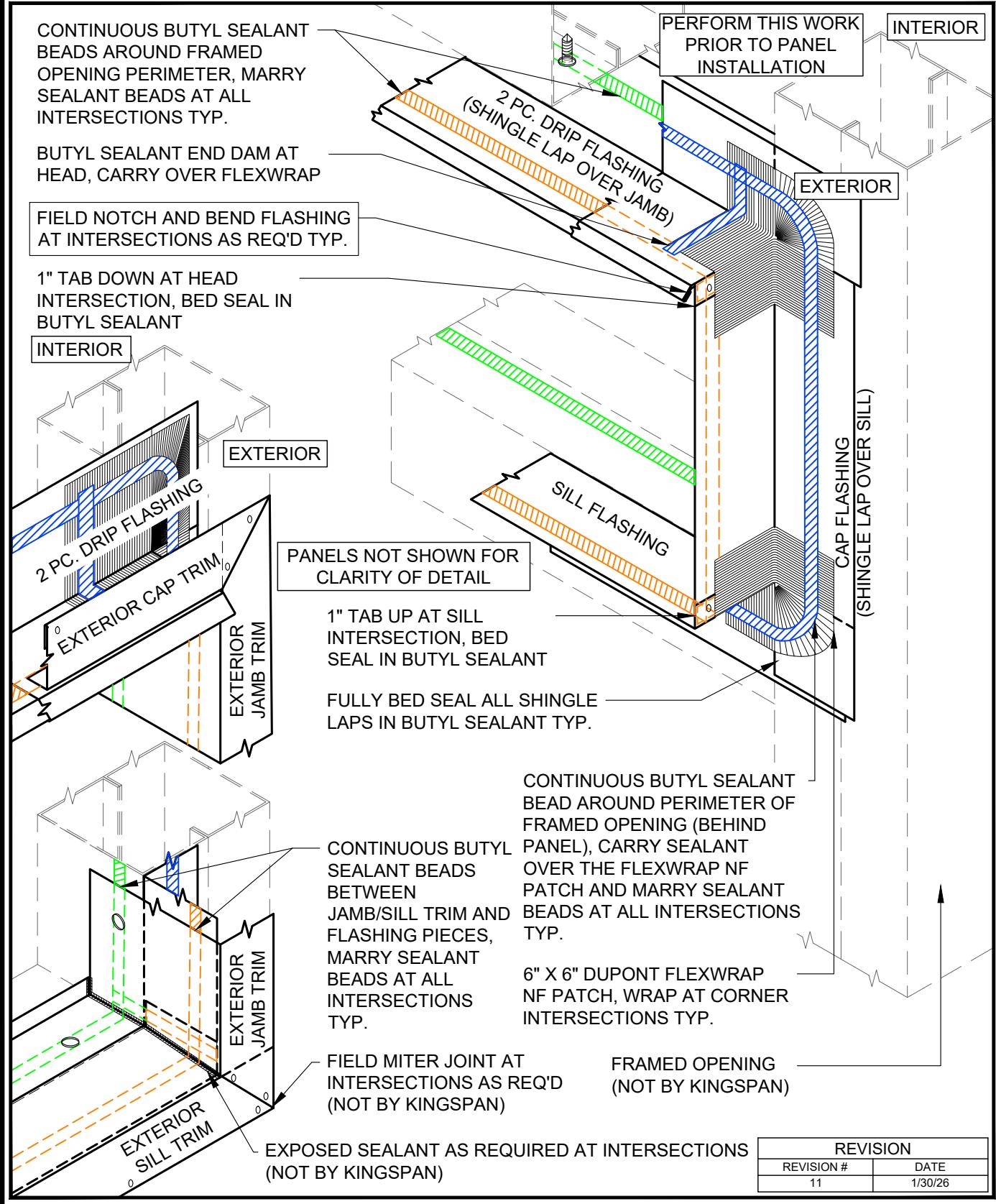
REVISION	
REVISION #	DATE
11	1/30/26

TRIM END LAP  
W/ LAP STRIP

DETAIL #: CI-TL-03-KSV  
RELEASE: 2026  
REGION: NORTH AMERICA  
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# KS SERIES - VERTICAL INSTALLATION



TRIM AT FRAMED OPENING

DETAIL #: CI-TL-04-KSV

RELEASE: 2026

REGION: NORTH AMERICA

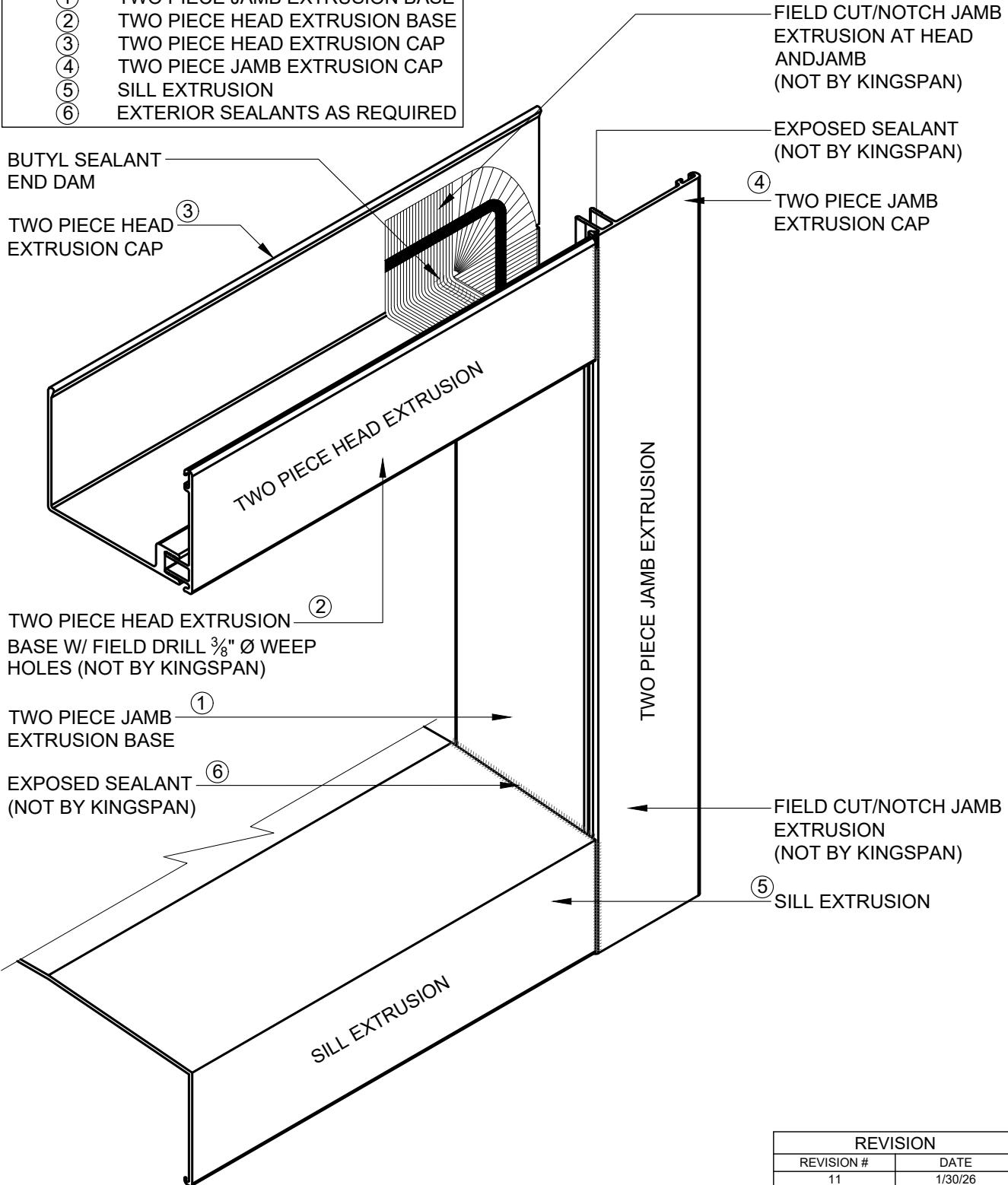
[www.kingspanpanels.com](http://www.kingspanpanels.com)



# KS SERIES - VERTICAL INSTALLATION

## EXTRUSION INSTALLATION SEQUENCE:

- ① TWO PIECE JAMB EXTRUSION BASE
- ② TWO PIECE HEAD EXTRUSION BASE
- ③ TWO PIECE HEAD EXTRUSION CAP
- ④ TWO PIECE JAMB EXTRUSION CAP
- ⑤ SILL EXTRUSION
- ⑥ EXTERIOR SEALANTS AS REQUIRED



REVISION	
REVISION #	DATE
11	1/30/26

EXTRUSION W/ FLEXWRAP AT FRAMED OPENING

DETAIL #: CI-TL-05-KSV

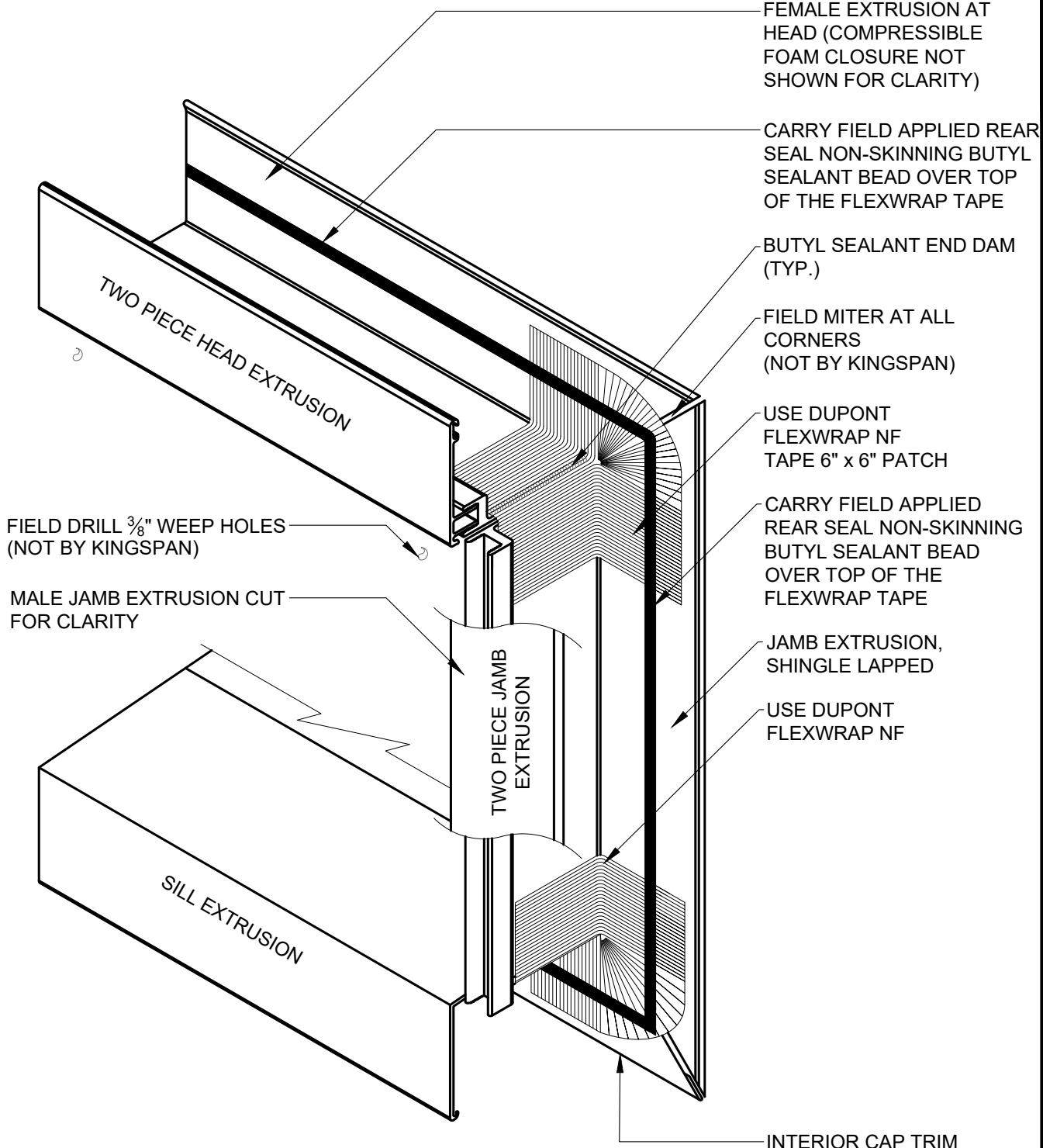
RELEASE: 2026

REGION: NORTH AMERICA

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# KS SERIES - VERTICAL INSTALLATION



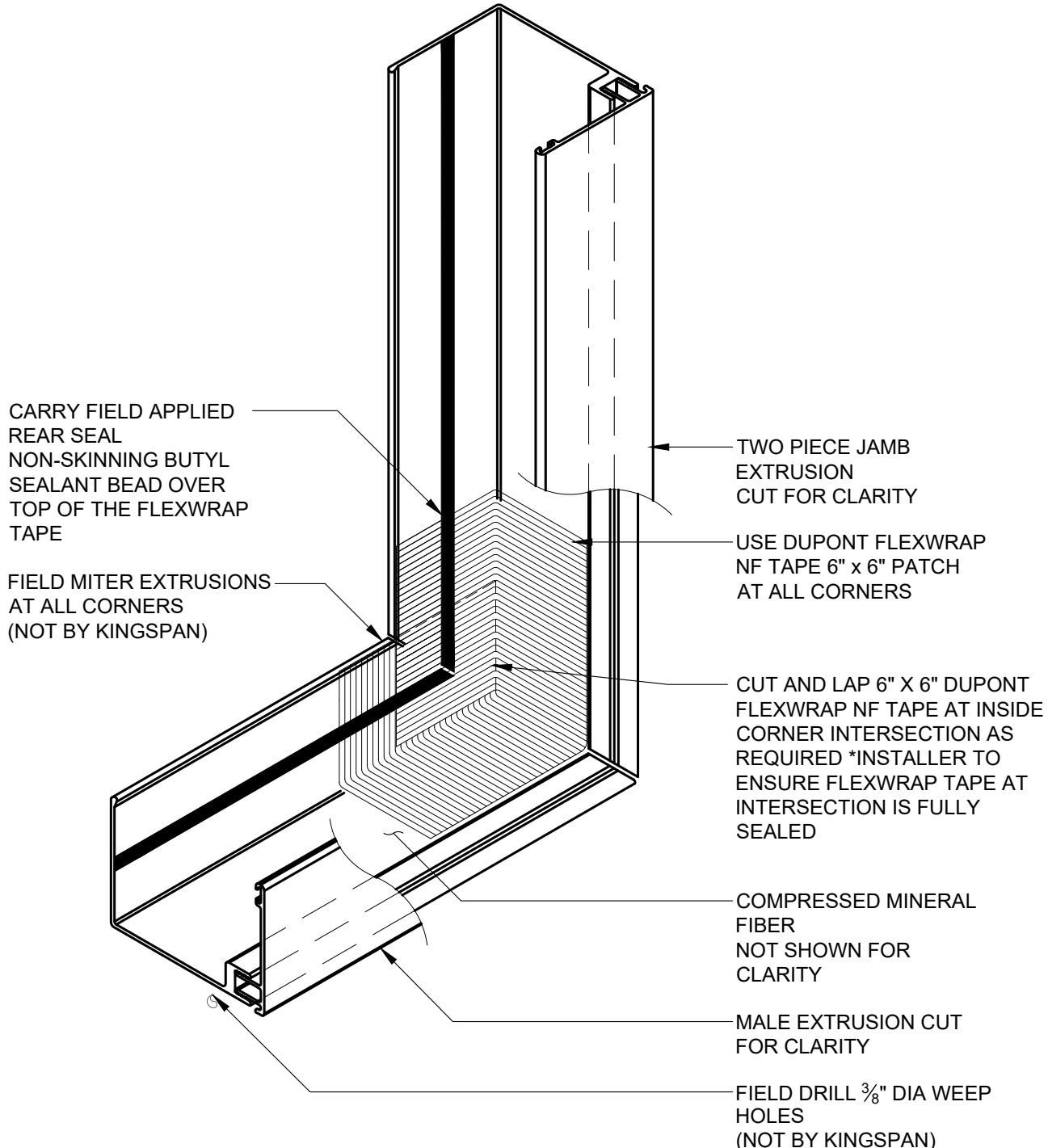
REVISION	
REVISION #	DATE
11	1/30/26

EXTRUSION W/ FLEXWRAP AT  
FRAMED OPENING

DETAIL #: CI-TL-06-KSV  
RELEASE: 2026  
REGION: NORTH AMERICA  
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# KS SERIES - VERTICAL INSTALLATION



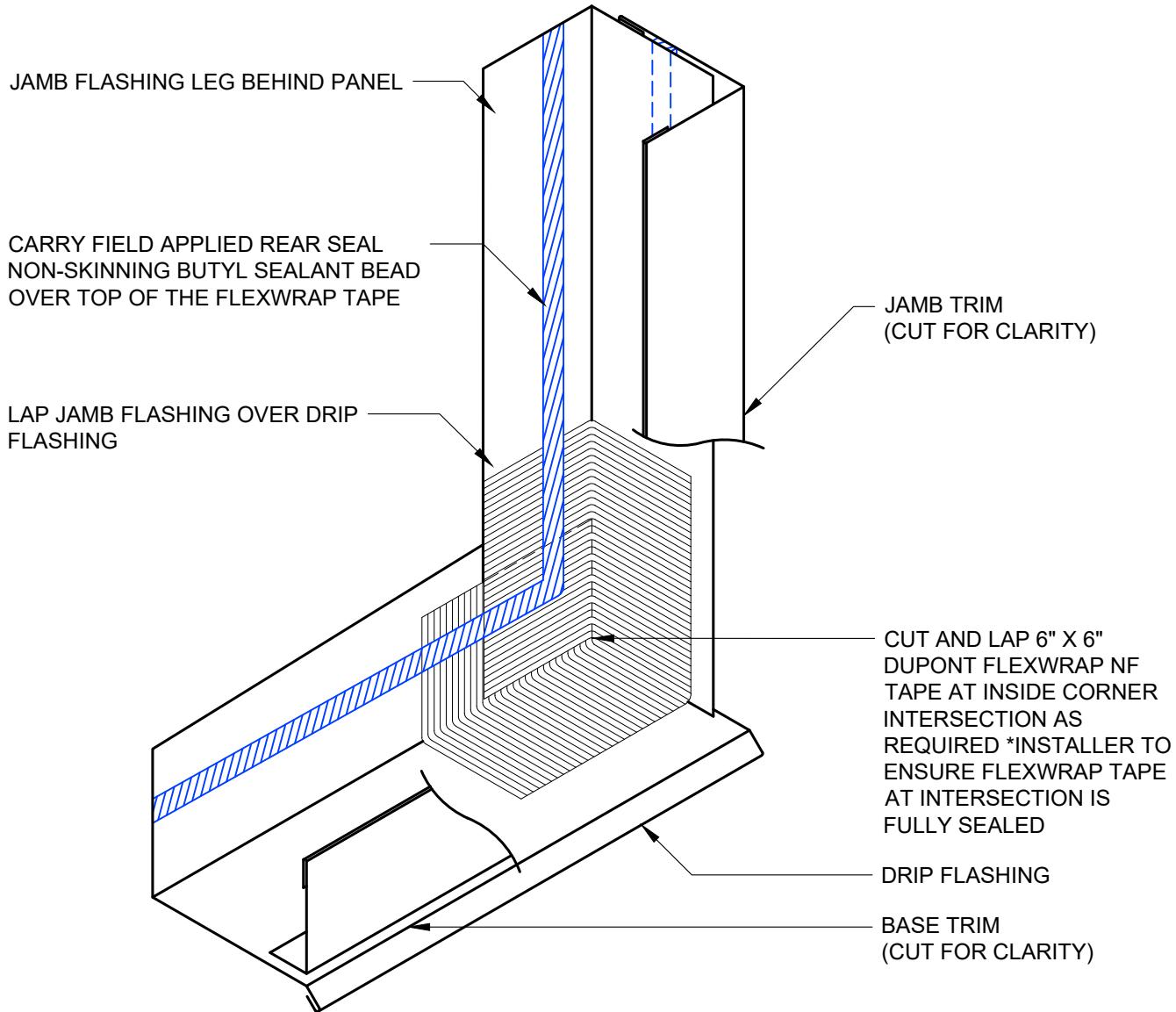
REVISION	
REVISION #	DATE
11	1/30/26

EXTRUSION W/ FLEXWRAP AT REMOVABLE FRAMED OPENING

DETAIL #: CI-TL-07-KSV  
RELEASE: 2026  
REGION: NORTH AMERICA  
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# KS SERIES - VERTICAL INSTALLATION



TRIM W/ FLEXWRAP AT  
REMOVABLE FRAMED OPENING

DETAIL #: CI-TL-08-KSV

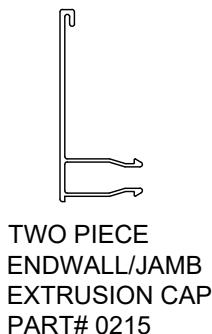
RELEASE: 2026

REGION: NORTH AMERICA

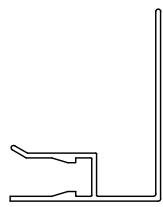
[www.kingspanpanels.com](http://www.kingspanpanels.com)

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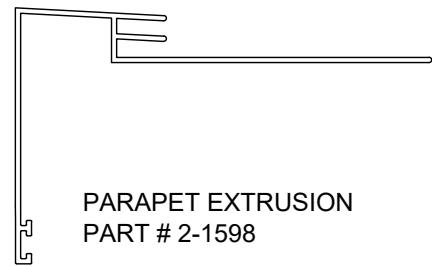
# KS SERIES - VERTICAL INSTALLATION



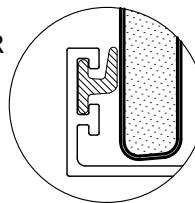
TWO PIECE  
ENDWALL/JAMB  
EXTRUSION CAP  
PART# 0215



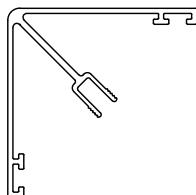
2" TWO PIECE  
ENDWALL/JAMB  
EXTRUSION RECEIVER  
PART# 0214



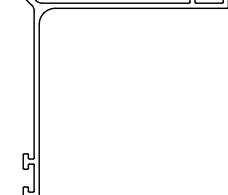
PARAPET EXTRUSION  
PART # 2-1598



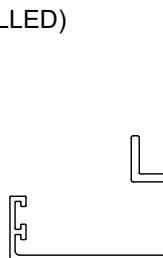
OPTIONAL WIPER  
GASKET  
(FIELD INSTALLED)



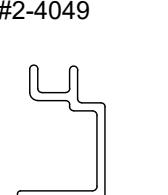
2" CORNER  
MALE EXTRUSION  
(SEE EXTRUSION DETAIL  
SET FOR COMPATIBILITY)



2" CORNER  
FEMALE EXTRUSION  
PART #2-3998



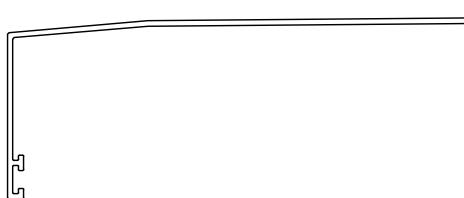
2" PANEL BASE "A"  
EXTRUSION  
PART # 2-4045



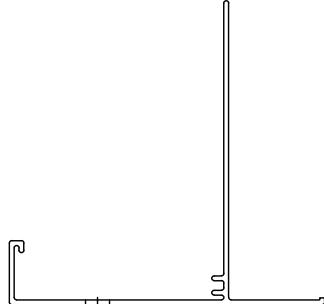
2" PANEL BASE "B"  
EXTRUSION  
PART #2-4049



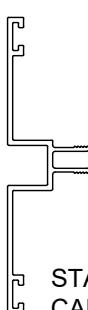
2" PANEL BASE "C"  
EXTRUSION  
PART # 2-4053



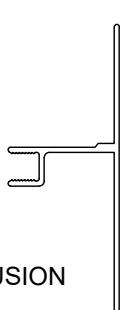
SILL EXTRUSION  
PART #2-4064



STANDARD SOFFIT  
EXTRUSION "D"



STACK EXTRUSION  
CAP 4070



STACK EXTRUSION  
BASE 4065

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2" EXTRUSIONS

DETAIL #: CI-TL-09-KSV

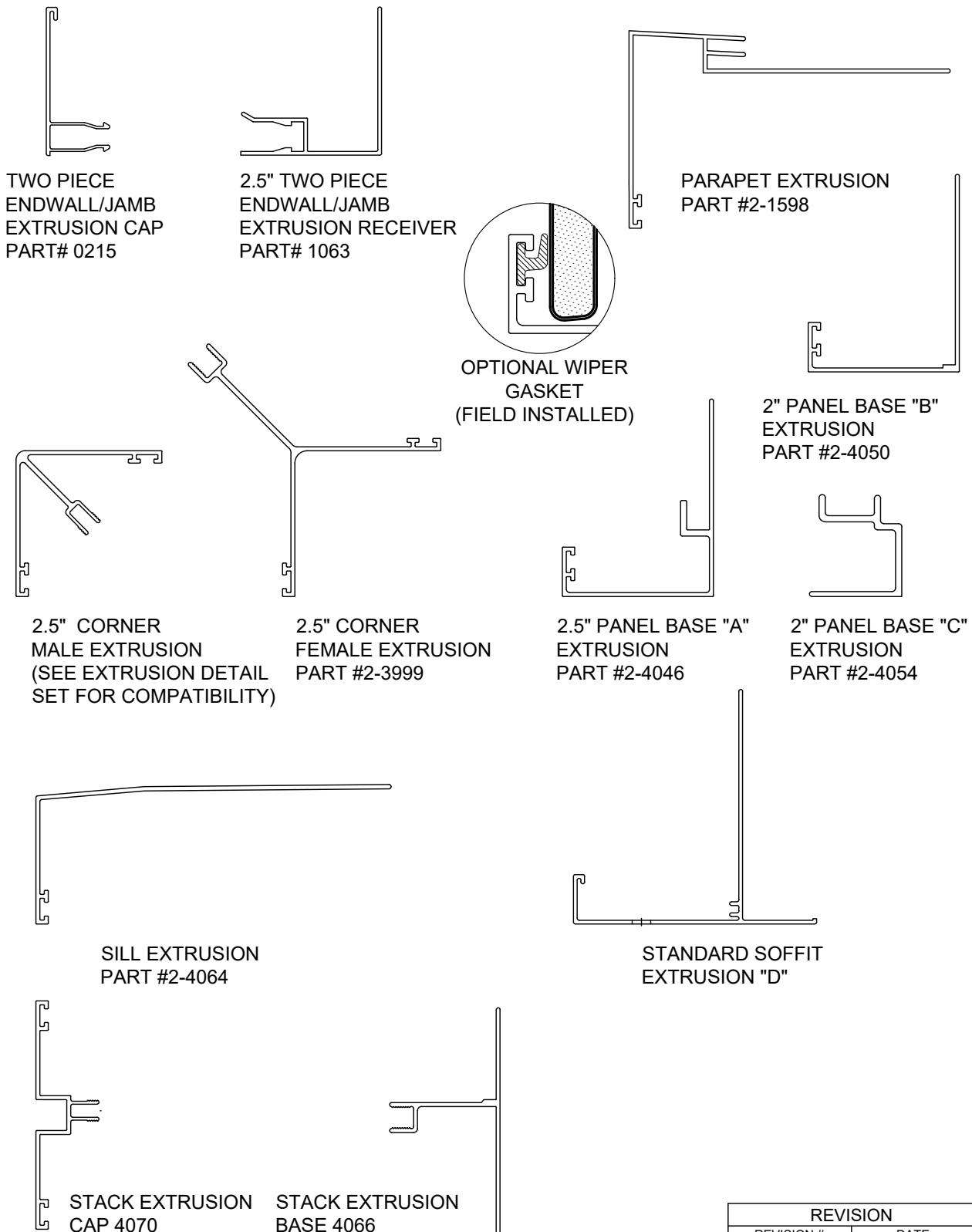
RELEASE: 2026

REGION: NORTH AMERICA

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# KS SERIES - VERTICAL INSTALLATION



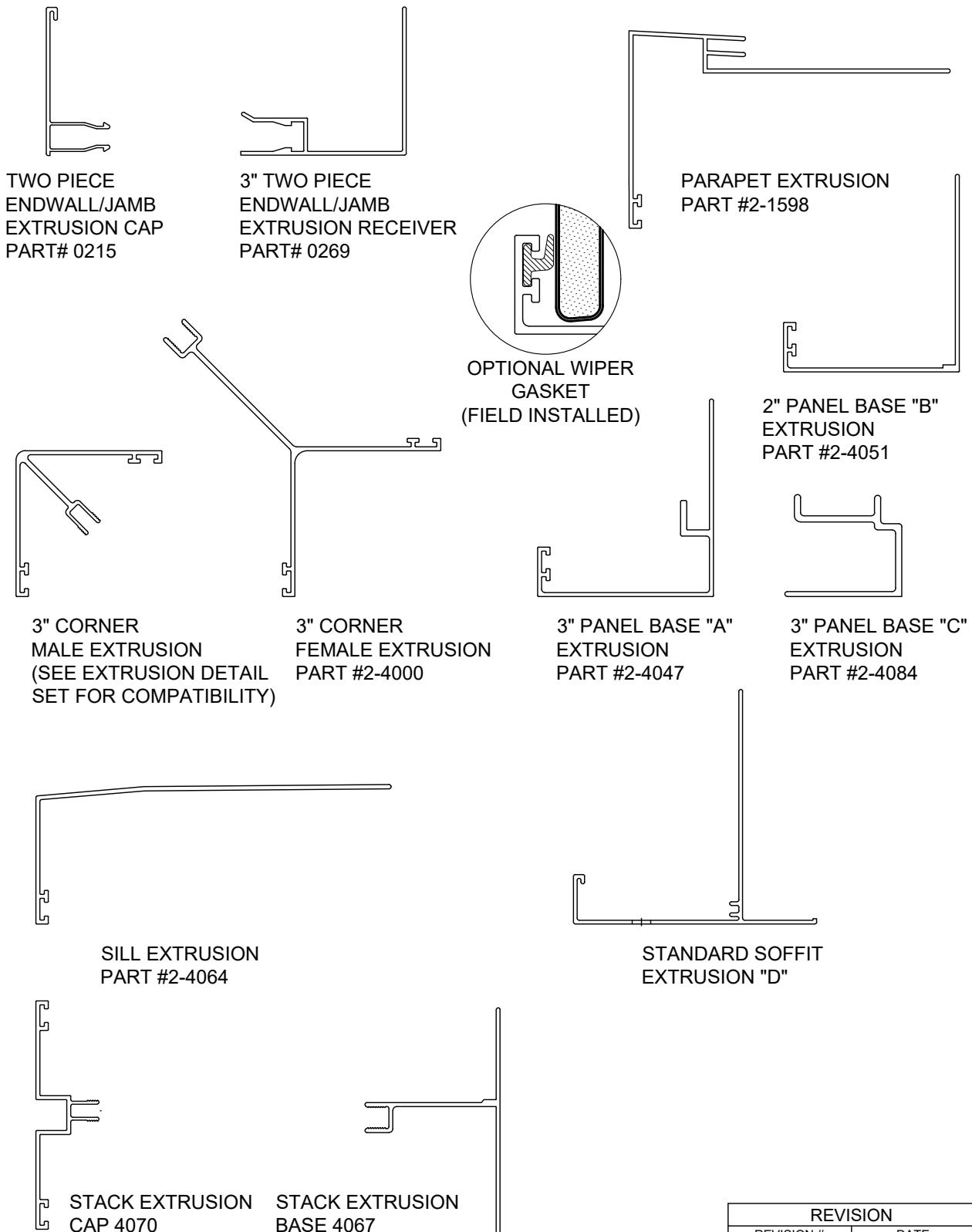
REVISION	
REVISION #	DATE
11	1/30/26

2½" EXTRUSIONS

DETAIL #: CI-TL-10-KSV  
RELEASE: 2026  
REGION: NORTH AMERICA  
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# KS SERIES - VERTICAL INSTALLATION



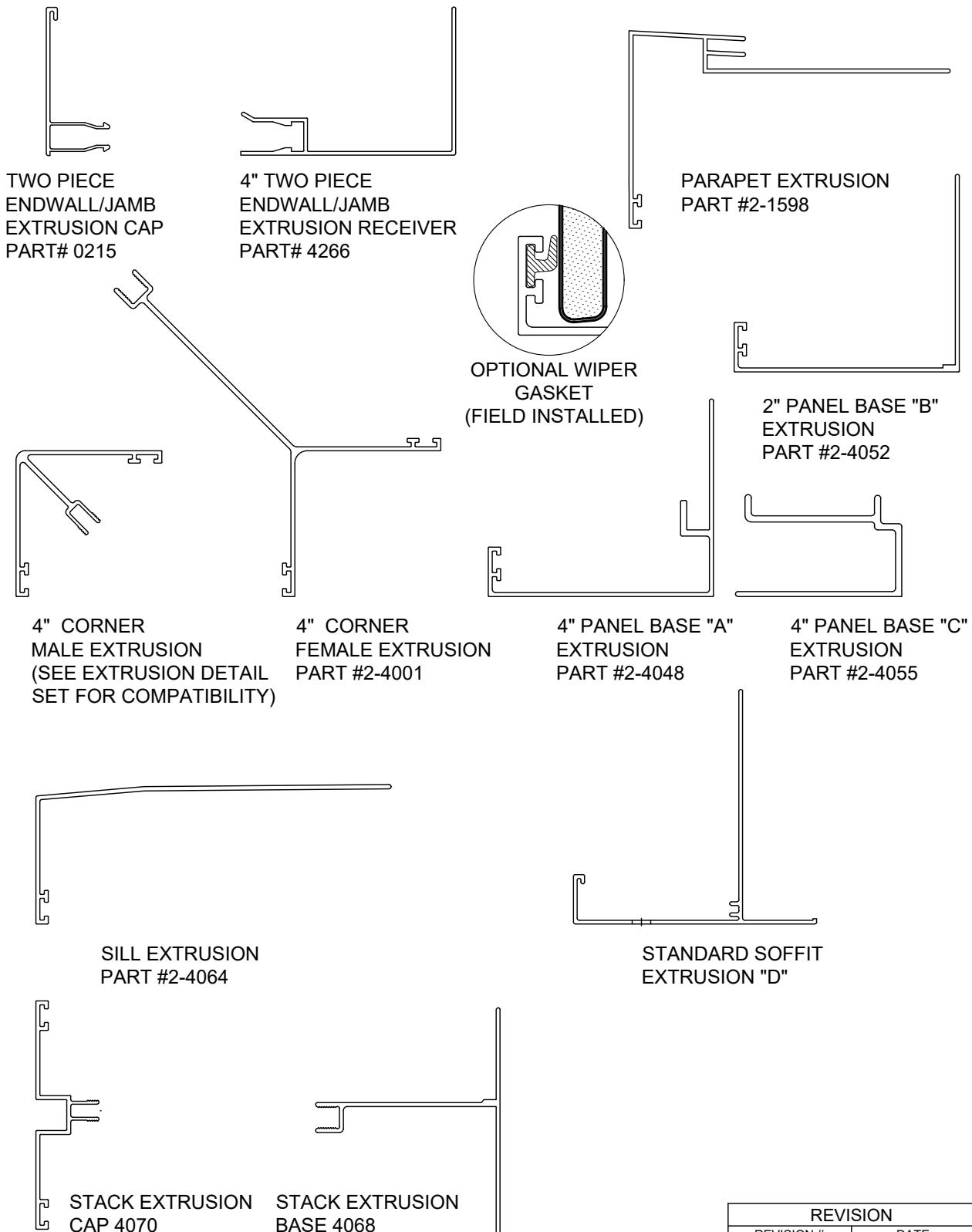
REVISION	
REVISION #	DATE
11	1/30/26

3" EXTRUSIONS

DETAIL #: CI-TL-11-KSV  
RELEASE: 2026  
REGION: NORTH AMERICA  
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# KS SERIES - VERTICAL INSTALLATION



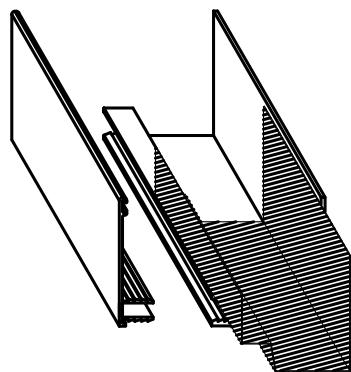
REVISION	
REVISION #	DATE
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4" EXTRUSIONS

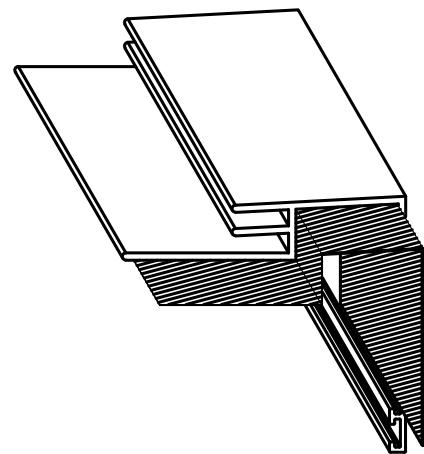
DETAIL #: CI-TL-12-KSV  
RELEASE: 2026  
REGION: NORTH AMERICA  
[www.kingspanpanels.com](http://www.kingspanpanels.com)

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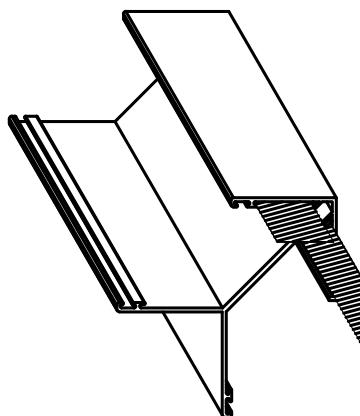
# KS SERIES - VERTICAL INSTALLATION



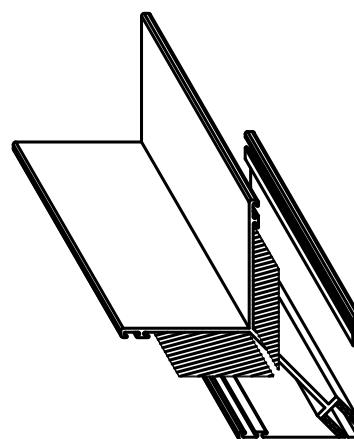
LAP STRIP FOR TWO PIECE JAMB EXTRUSION



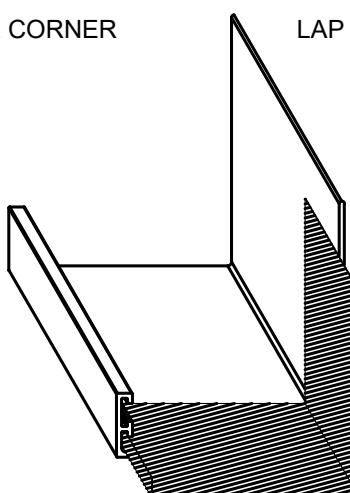
LAP STRIP FOR PARAPET EXTRUSION



LAP STRIPS FOR OUTSIDE CORNER EXTRUSION



LAP STRIPS FOR INSIDE CORNER EXTRUSION



LAP STRIP FOR "J" BASE EXTRUSION

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REVISION #	DATE
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EXTRUSION LAP STRIPS

DETAIL #: CI-TL-13-KSV

RELEASE: 2026

REGION: NORTH AMERICA

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