

K-ROC QT SERIES PANELS - NON FIRE RATED

HORIZONTAL PANEL INSTALLATION

REVISION

0	7/26/22
1	9/19/25

CI-DS-01-K-ROC-H	C & I DISCLAIMER
CI-PP-01-K-ROC-H	PANEL PROFILES
CI-PP-02-K-ROC-H	PANEL PROFILES
CI-PJ-01-K-ROC-H	4" EXPANDED PANEL JOINT
CI-PJ-02-K-ROC-H	4" ENGAGED PANEL JOINT
CI-PJ-03-K-ROC-H	6" EXPANDED PANEL JOINT
CI-PJ-04-K-ROC-H	6" ENGAGED PANEL JOINT
CI-PJ-05-K-ROC-H	8" EXPANDED PANEL JOINT
CI-PJ-06-K-ROC-H	8" ENGAGED PANEL JOINT
CI-PJ-07-K-ROC-H	4" SEALANTS IN JOINT
CI-PJ-08-K-ROC-H	6" SEALANTS IN JOINT
CI-PJ-09-K-ROC-H	8" SEALANTS IN JOINT
CI-FP-01-K-ROC-H	FASTENING PATTERNS
CI-FP-02-K-ROC-H	FASTENING PATTERNS ISOMETRIC
CI-BS-01-K-ROC-H	FLUSH BASE W/ FLAT TRIM
CI-BS-02-K-ROC-H	FLUSH BASE W/ PROFILED TRIM
CI-BS-03-K-ROC-H	OVERHANG W/ BASE SUPPORT W/ FLAT TRIM
CI-BS-04-K-ROC-H	OVERHANG W/ BASE SUPPORT W/ PROFILED TRIM
CI-OC-01-K-ROC-H	OUTSIDE CORNER W/ FLAT TRIM AT PANEL JOINT
CI-OC-02-K-ROC-H	OUTSIDE CORNER W/ FLAT TRIM AT MID PANEL
CI-OC-03-K-ROC-H	OUTSIDE CORNER W/ PROFILED TRIM AT PANEL JOINT
CI-OC-04-K-ROC-H	OUTSIDE CORNER W/ PROFILED TRIM AT MID PANEL
CI-IC-01-K-ROC-H	INSIDE CORNER W/ FLAT TRIM AT PANEL JOINT

INDEX SHEET HORIZONTAL PANEL
INSTALLATION

DETAIL #: XX-XX-XX-K-ROC-H

RELEASE: 2025

REGION: NORTH AMERICA

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K-ROC QT SERIES PANELS - NON FIRE RATED

HORIZONTAL PANEL INSTALLATION

REVISION

0	7/26/22
1	9/19/25

CI-IC-02-K-ROC-H	INSIDE CORNER W/ FLAT TRIM AT MID PANEL
CI-IC-03-K-ROC-H	INSIDE CORNER W/ PROFILED TRIM AT PANEL JOINT
CI-IC-04-K-ROC-H	INSIDE CORNER W/ PROFILED TRIM AT MID PANEL
CI-IP-01-K-ROC-H	BASE DETAIL - PARTITION
CI-IP-02-K-ROC-H	NON FIRE RATED ASSEMBLY PARTITION TO ROOF
CI-IP-03-K-ROC-H	INTERIOR PARTITION ENDWALL DETAIL
CI-FO-01-K-ROC-H	F.O. HEAD W/ FLAT RIM AND DRIP EDGE
CI-FO-02-K-ROC-H	F.O. HEAD W/ PROFILED TRIM AND DRIP EDGE
CI-FO-03-K-ROC-H	F.O. JAMB W/ FLAT JAMB TRIM AT PANEL JOINT
CI-FO-04-K-ROC-H	F.O. JAMB W/ FLAT JAMB TRIM AT MID PANEL
CI-FO-05-K-ROC-H	F.O. JAMB W/ PROFILED JAMB TRIM AT MID PANEL
CI-FO-06-K-ROC-H	F.O. SILL W/ FLAT TRIM
CI-FO-07-K-ROC-H	F.O. SILL W/ PROFILED TRIM
CI-VJ-01-K-ROC-H	VERTICAL JOINT DETAIL - AT JOINT
CI-VJ-02-K-ROC-H	VERTICAL JOINT DETAIL - MID PANEL
CI-PR-01-K-ROC-H	PARAPET W/ FLUSH TRIM

INDEX SHEET HORIZONTAL PANEL
INSTALLATION

DETAIL #: XX-XX-XX-K-ROC-H

RELEASE: 2025

REGION: NORTH AMERICA

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K-ROC QT SERIES PANELS - NON FIRE RATED

HORIZONTAL PANEL INSTALLATION

REVISION

0	7/26/22
1	9/19/25

CI-PR-02-K-ROC-H	PARAPET W/ PROFILED TRIM
CI-WR-01-K-ROC-H	WALL TO ROOF W/ LOW EAVE TRIM
CI-WR-02-K-ROC-H	WALL TO ROOF W/ RAKE FASCIA TRIM
CI-WR-03-K-ROC-H	WALL TO ROOF W/ HIGH EAVE TRIM
CI-TL-01-K-ROC-H	TRIM END LAP
CI-TL-02-K-ROC-H	TRIM END LAP W/ HEM
CI-TL-03-K-ROC-H	PARAPET TRIM END LAP W/ LAP STRIP
CI-TL-04-K-ROC-H	TRIM AT FRAMED OPENING
CI-PN-01-K-ROC-H	STRUCTURAL MEMBER PENETRATION
CI-PN-02-K-ROC-H	STRUCTURAL MEMBER PENETRATION
CI-PN-03-K-ROC-H	I-BEAM PENETRATION ELEVATION
CI-PN-04-K-ROC-H	I-BEAM PENETRATION SECTION

INDEX SHEET HORIZONTAL PANEL
INSTALLATION

DETAIL #: XX-XX-XX-K-ROC-H

RELEASE: 2025

REGION: NORTH AMERICA

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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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REVISION	
REVISION #	DATE
1	9/19/25

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DISCLAIMER

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RELEASE: 2025
REGION: NORTH AMERICA
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CORE DEPTHS:
4", 6", 8"

STEEL GAUGES:
EXTERIOR: 24, 22
INTERIOR: 24

MODULE WIDTH: 42"

PANEL ORIENTATION:
HORIZONTAL

REVEAL OPTIONS: N/A

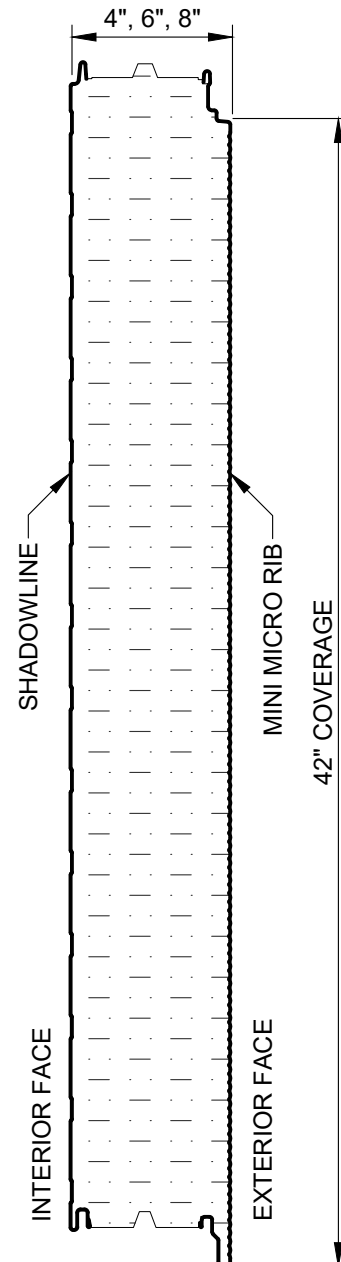
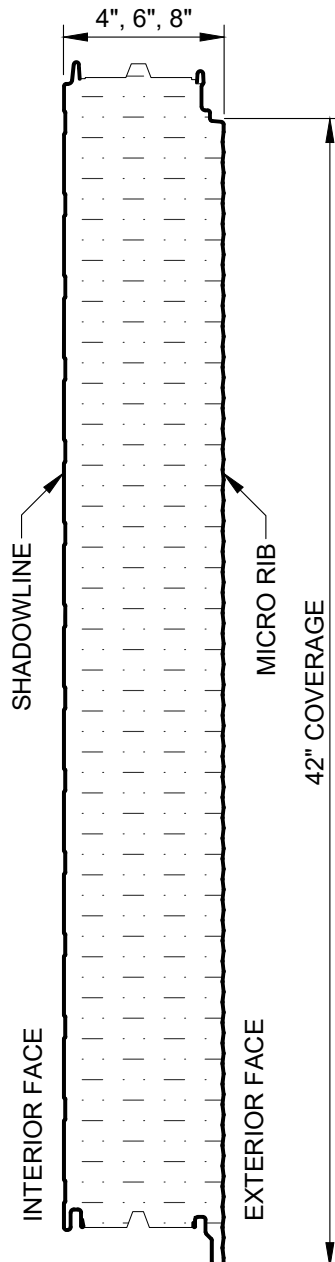
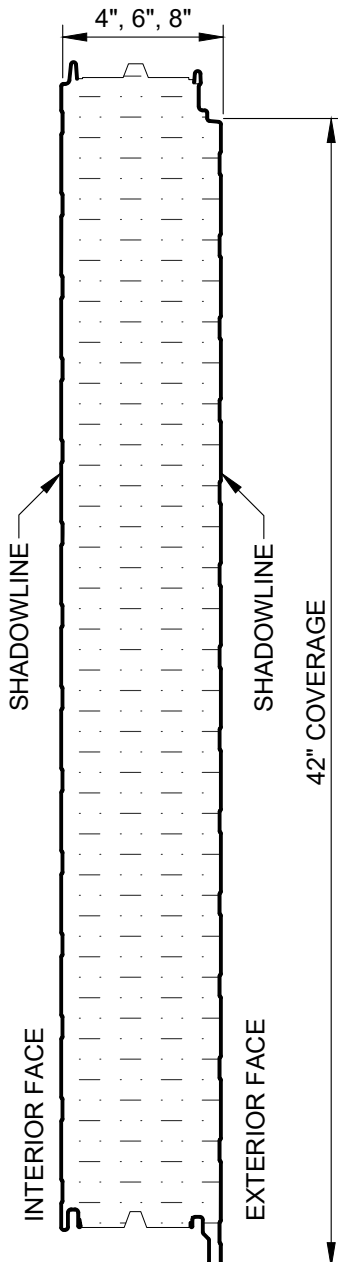
EMBOSSING:

EXTERIOR: STUCCO / NON-EMBOSSSED
INTERIOR: NON-EMBOSSSED

LENGTHS:

MINIMUM: 8'-0"

MAXIMUM: 48'-0" (ALL THICKNESSES)



REVISION	
REVISION #	DATE
1	9/19/25

PANEL PROFILES

DETAIL #: CI-PP-01-K-ROC-H

RELEASE: 2025

REGION: NORTH AMERICA

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K-ROC QT SERIES PANELS - NON FIRE RATED

CORE DEPTHS:
4", 6", 8"

STEEL GAUGES:
EXTERIOR: 24, 22
INTERIOR: 24

MODULE WIDTH: 42"

PANEL ORIENTATION:
HORIZONTAL

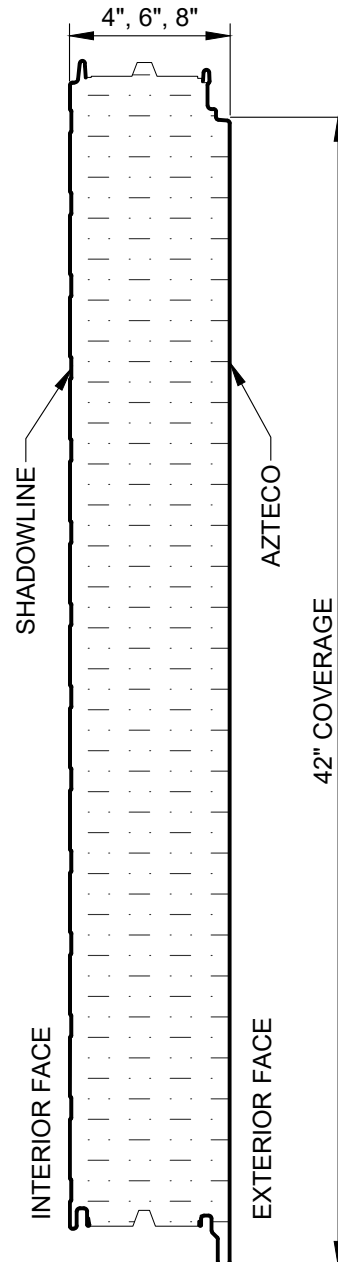
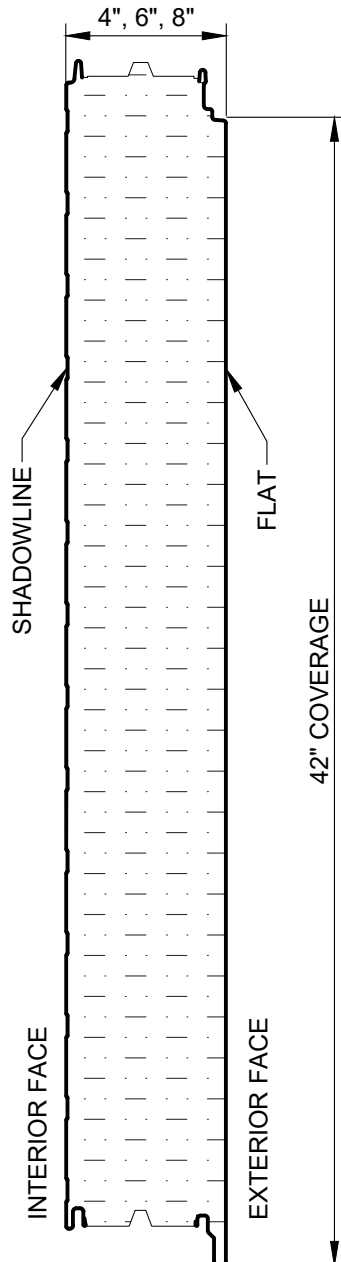
REVEAL OPTIONS: N/A

EMBOSSING:

EXTERIOR: STUCCO / NON-EMBOSSSED
INTERIOR: NON-EMBOSSSED

LENGTHS:

MINIMUM: 8'-0"
MAXIMUM: 48'-0" (ALL THICKNESSES)



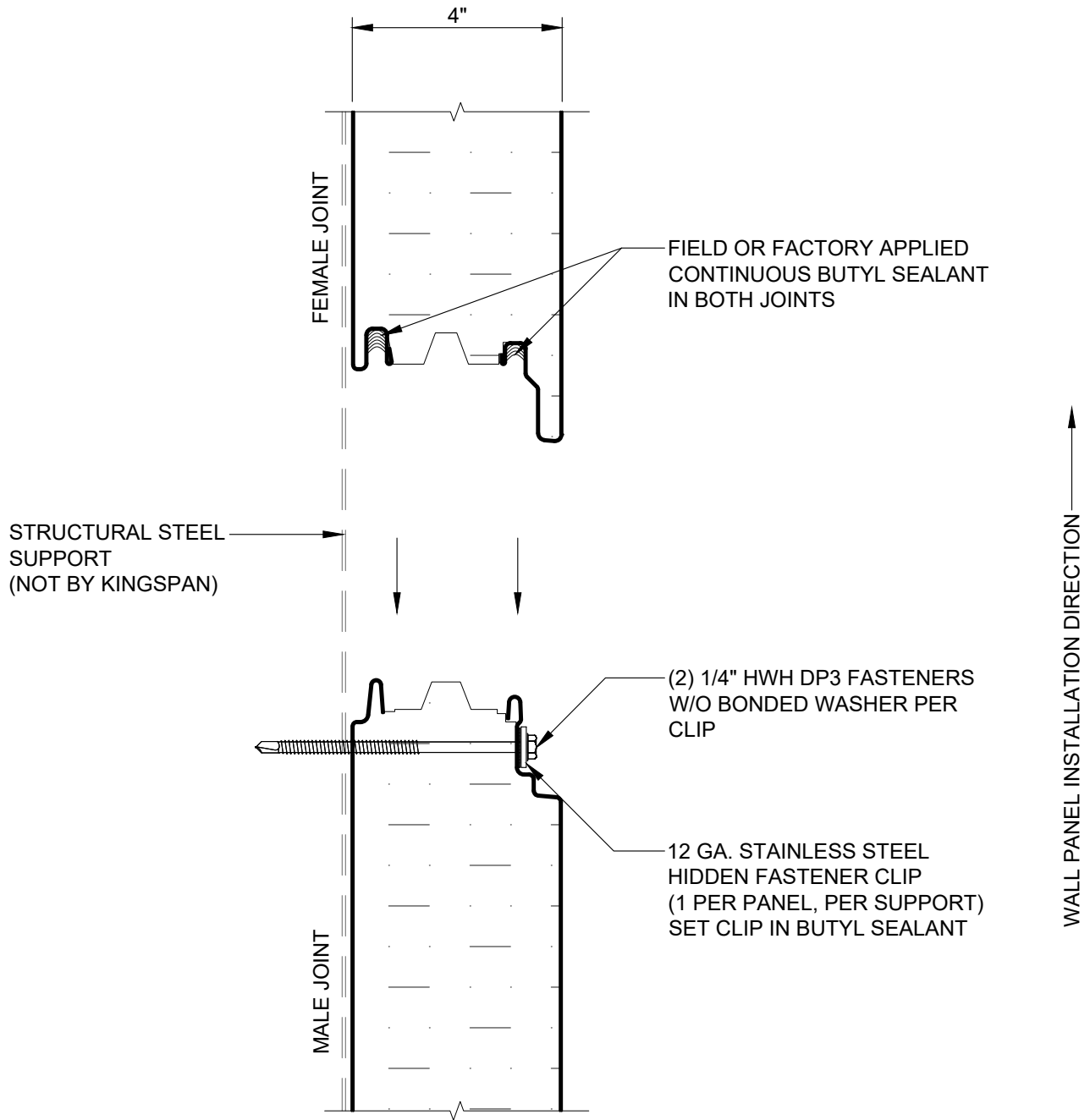
REVISION	
REVISION #	DATE
1	9/19/25

PANEL PROFILES

DETAIL #: CI-PP-02-K-ROC-H
RELEASE: 2025
REGION: NORTH AMERICA
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K-ROC QT SERIES PANELS - NON FIRE RATED



REVISION	
REVISION #	DATE
1	9/19/25

K-ROC 4" EXPANDED
PANEL JOINT

DETAIL #: CI-PJ-01-K-ROC-H

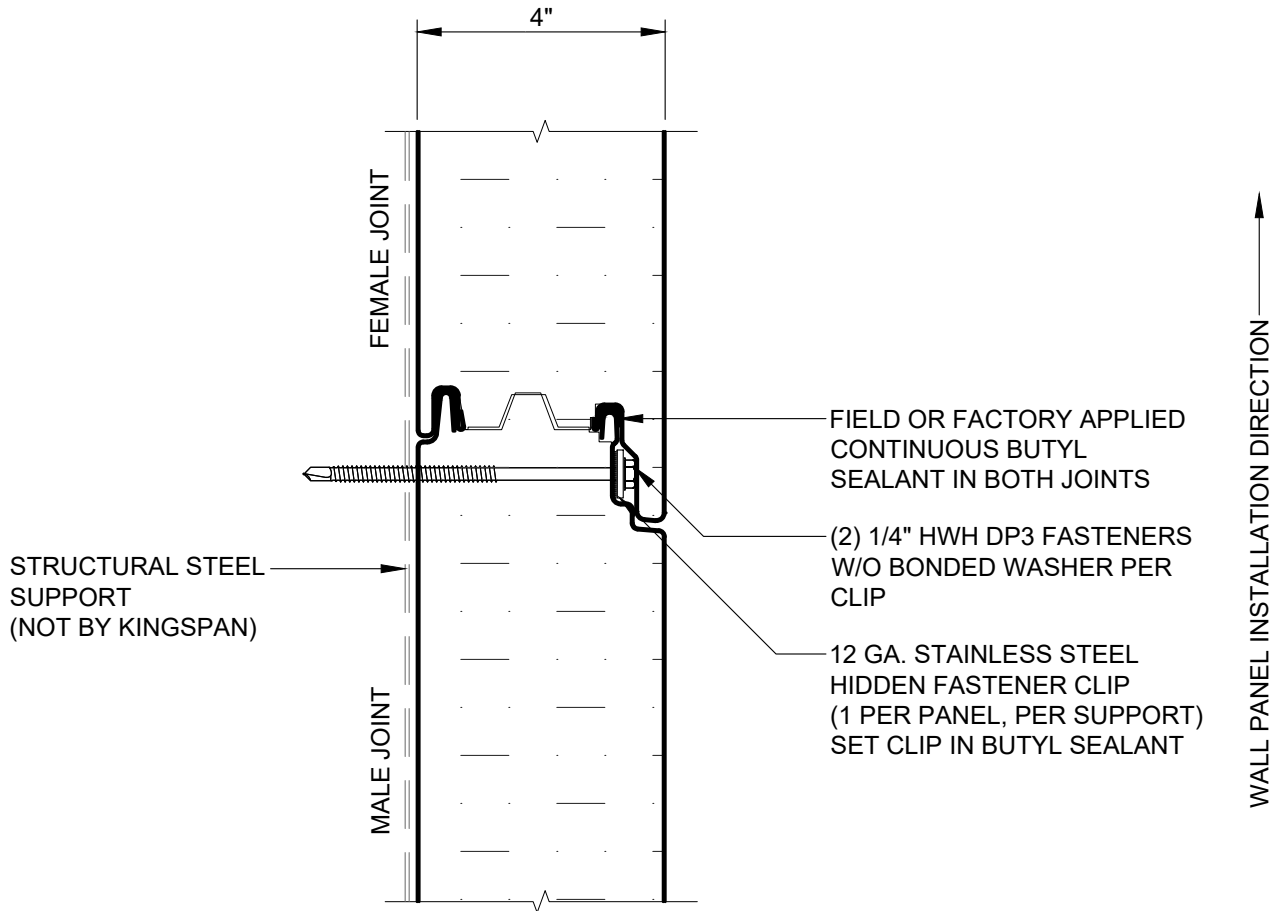
RELEASE: 2025

REGION: NORTH AMERICA

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K-ROC QT SERIES PANELS - NON FIRE RATED



REVISION	
REVISION #	DATE
1	9/19/25

K-ROC 4" ENGAGED
PANEL JOINT

DETAIL #: CI-PJ-02-K-ROC-H

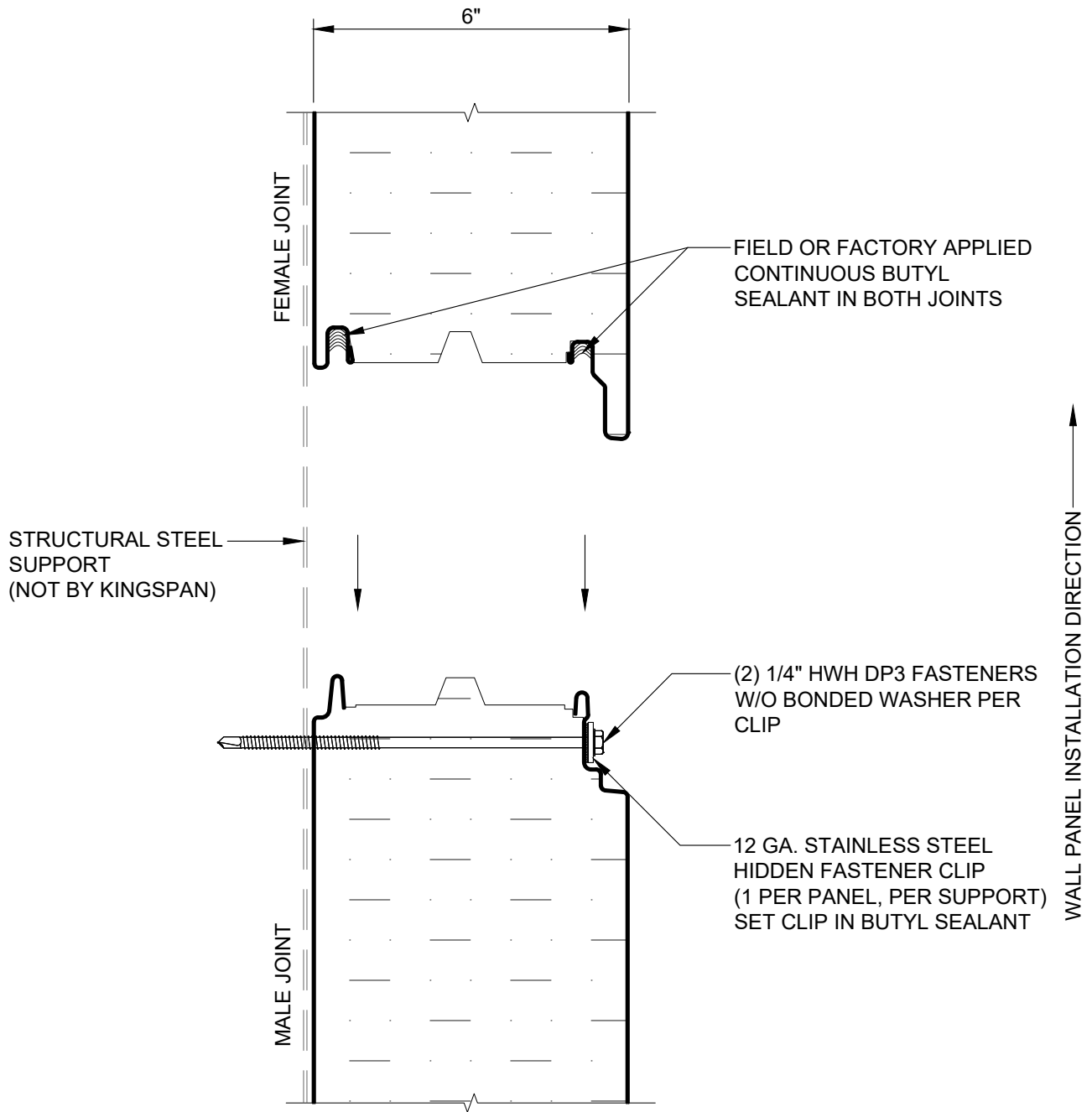
RELEASE: 2025

REGION: NORTH AMERICA

www.kingspanpanels.com



K-ROC QT SERIES PANELS - NON FIRE RATED



REVISION	
REVISION #	DATE
1	9/19/25

K-ROC 6" EXPANDED
PANEL JOINT

DETAIL #: CI-PJ-03-K-ROC-H

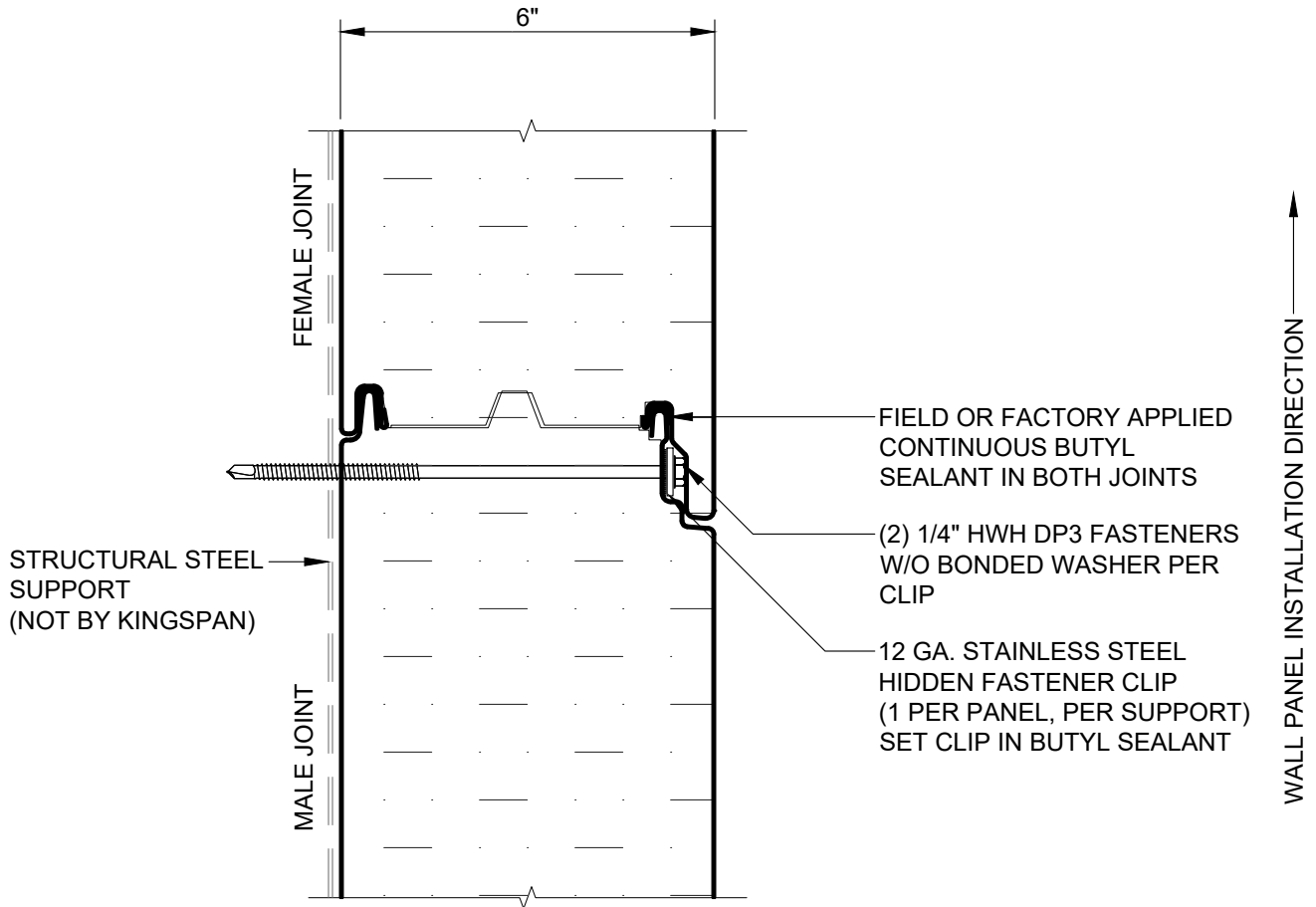
RELEASE: 2025

REGION: NORTH AMERICA

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K-ROC QT SERIES PANELS - NON FIRE RATED



REVISION	
REVISION #	DATE
1	9/19/25

K-ROC 6" ENGAGED
PANEL JOINT

DETAIL #: CI-PJ-04-K-ROC-H

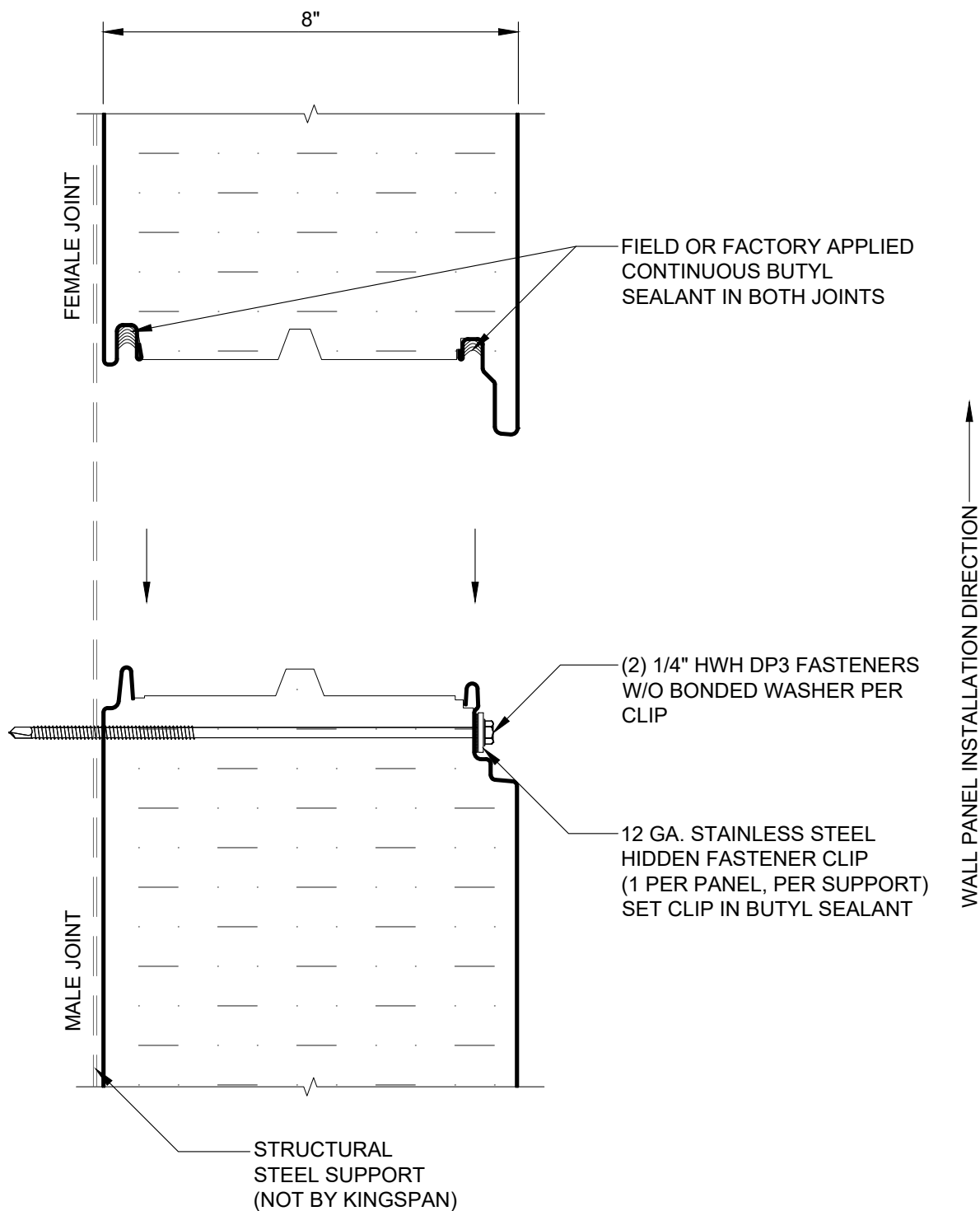
RELEASE: 2025

REGION: NORTH AMERICA

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K-ROC QT SERIES PANELS - NON FIRE RATED



REVISION	
REVISION #	DATE
1	9/19/25

K-ROC 8" EXPANDED
PANEL JOINT

DETAIL #: CI-PJ-05-K-ROC-H

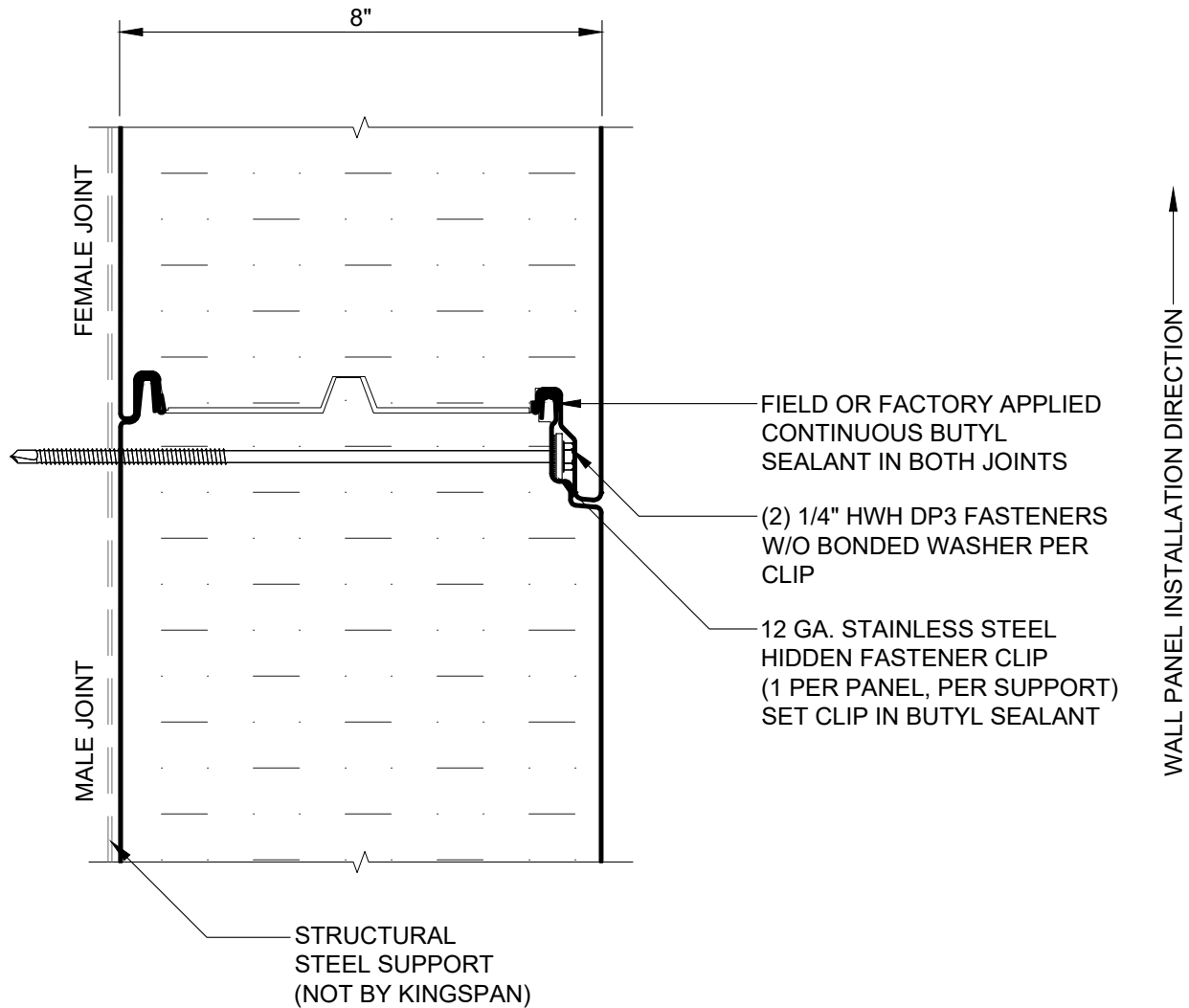
RELEASE: 2025

REGION: NORTH AMERICA

www.kingspanpanels.com



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REVISION	
REVISION #	DATE
1	9/19/25

K-ROC 8" ENGAGED
PANEL JOINT

DETAIL #: CI-PJ-06-K-ROC-H

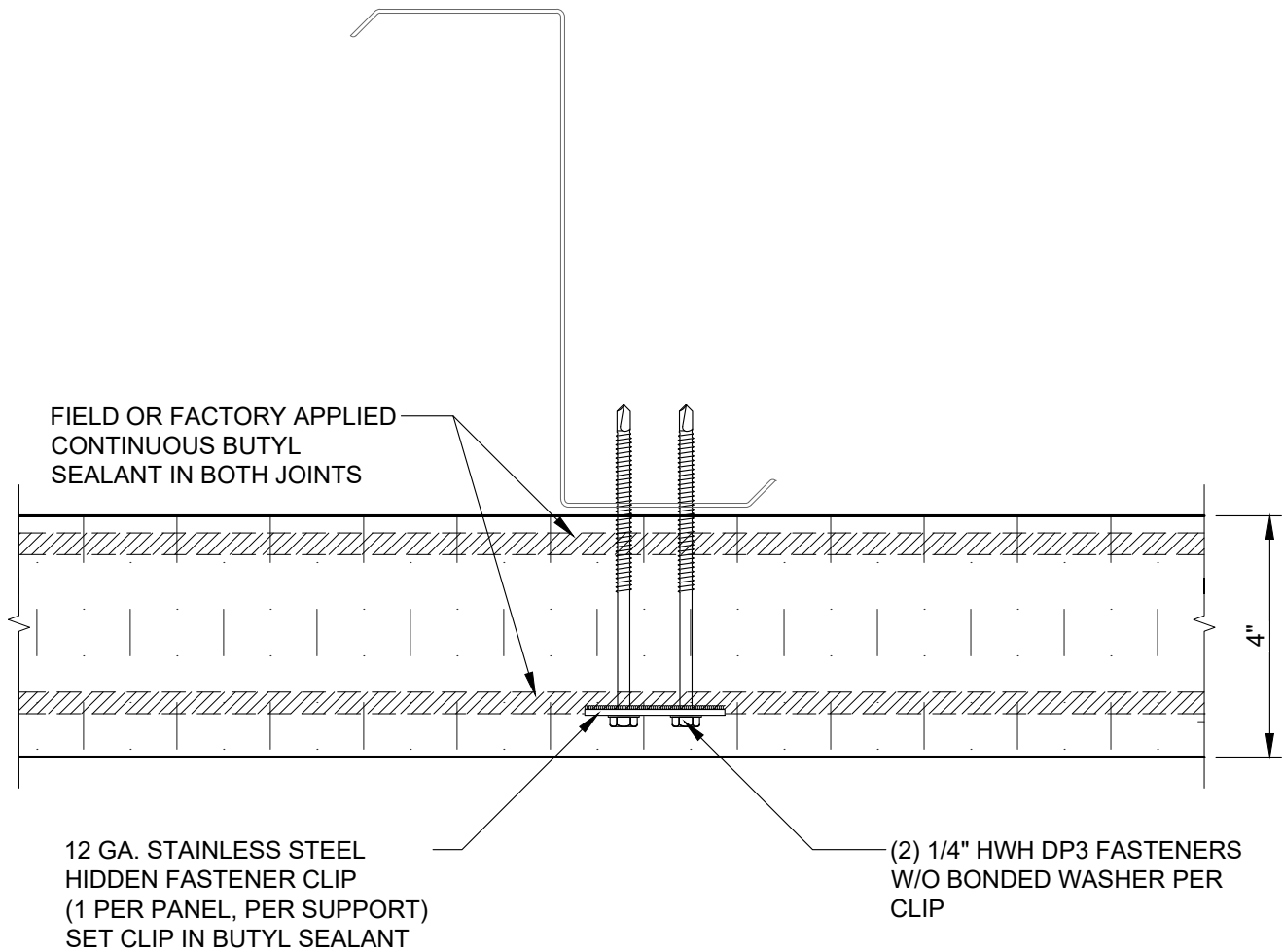
RELEASE: 2025

REGION: NORTH AMERICA

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REVISION	
REVISION #	DATE
1	9/19/25

4" SEALANTS IN JOINT

DETAIL #: CI-PJ-07-K-ROC-H

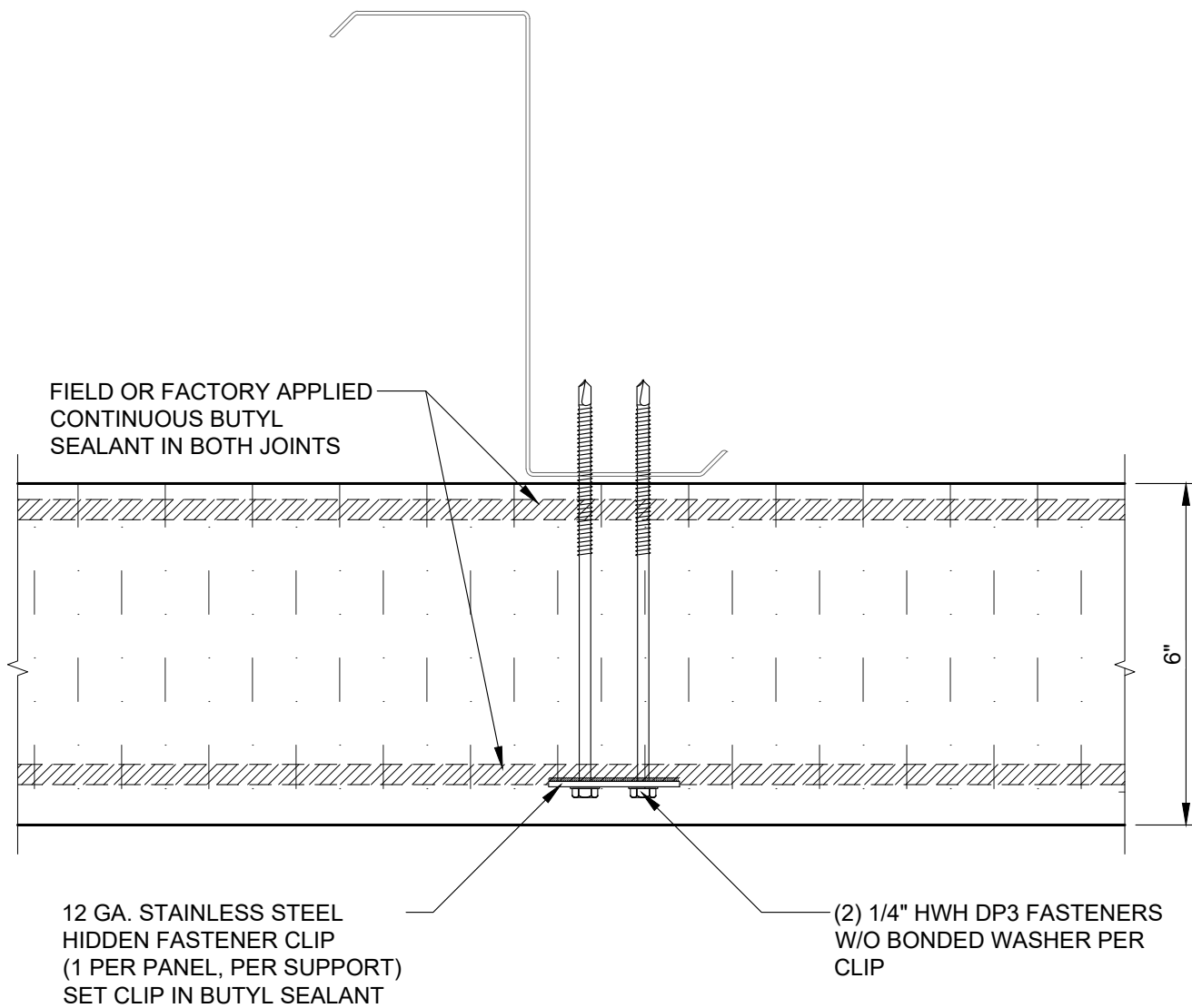
RELEASE: 2025

REGION: NORTH AMERICA

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K-ROC QT SERIES PANELS - NON FIRE RATED



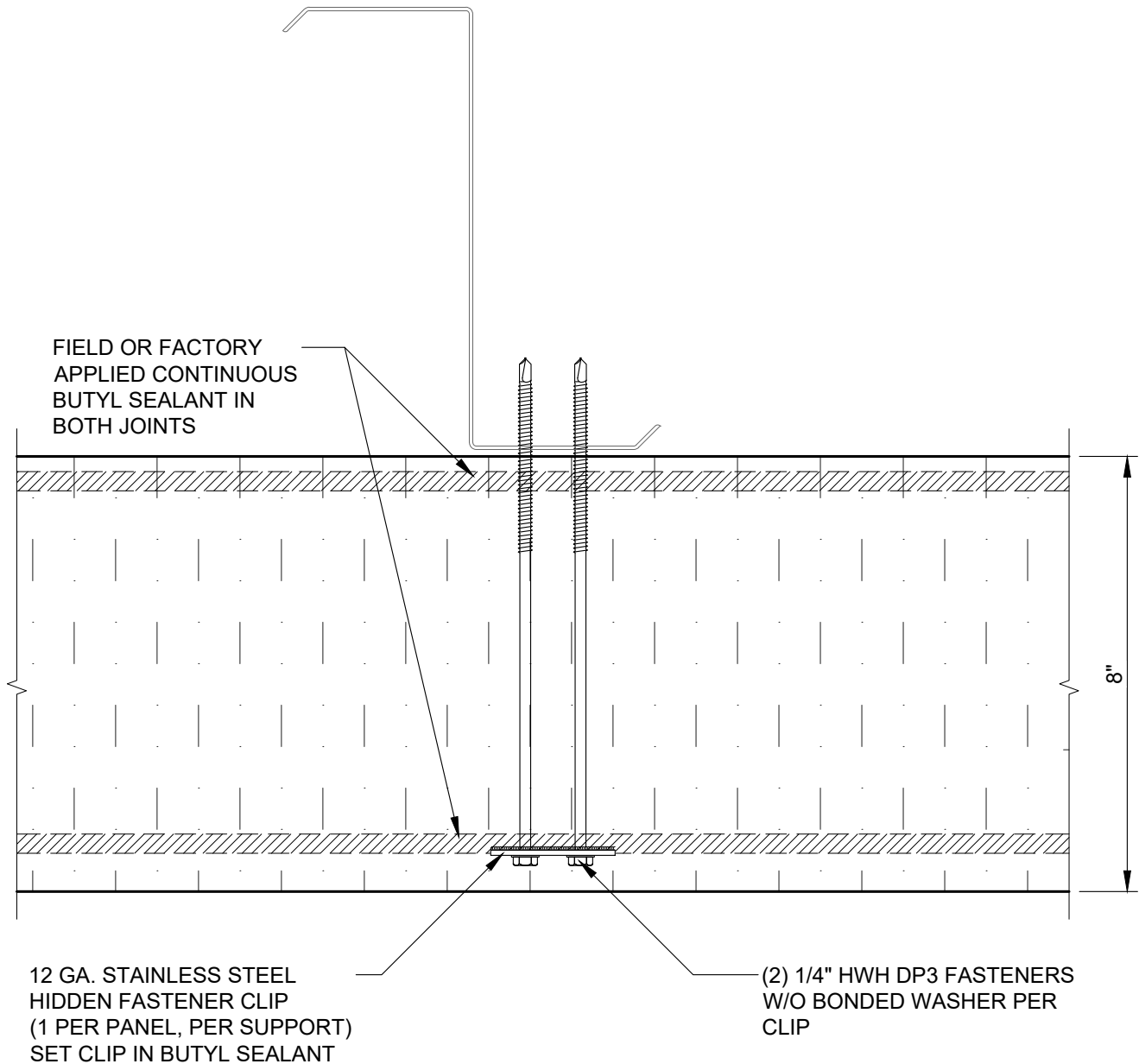
REVISION	
REVISION #	DATE
1	9/19/25

6" SEALANTS IN JOINT

DETAIL #: CI-PJ-08-K-ROC-H
RELEASE: 2025
REGION: NORTH AMERICA
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K-ROC QT SERIES PANELS - NON FIRE RATED



REVISION	
REVISION #	DATE
1	9/19/25

8" SEALANTS IN JOINT

DETAIL #: CI-PJ-09-K-ROC-H

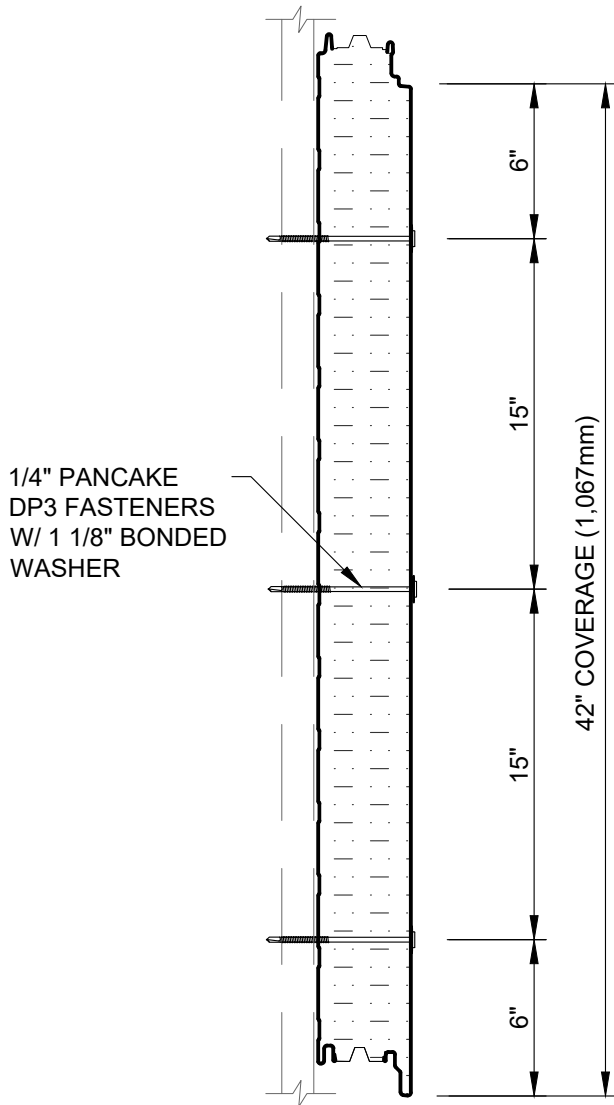
RELEASE: 2025

REGION: NORTH AMERICA

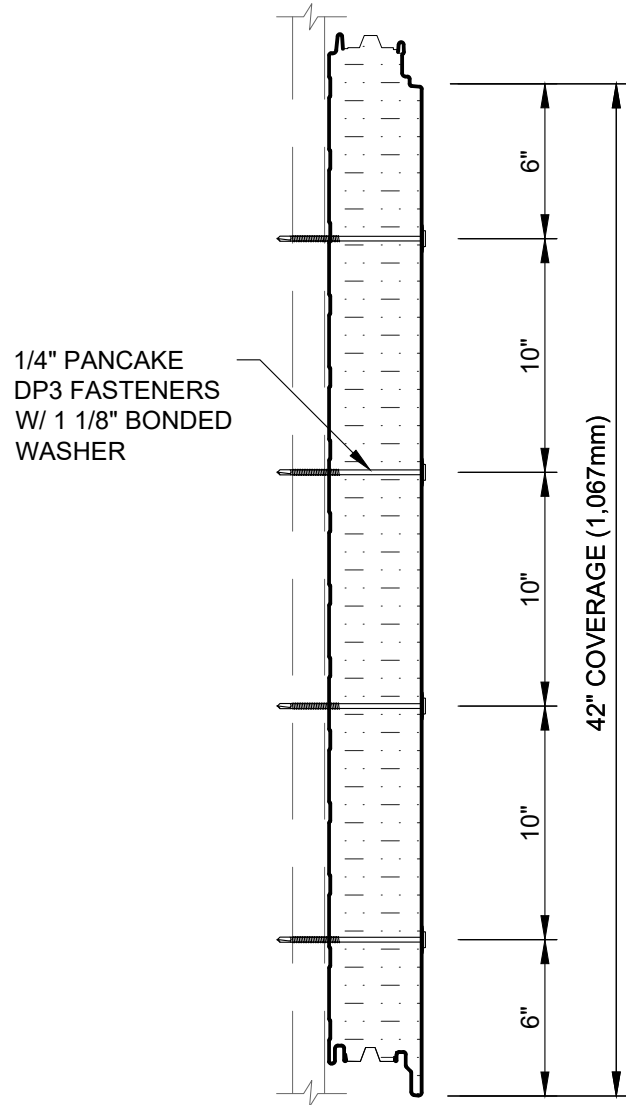
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THROUGH FASTENING REQUIREMENTS
(3 - THROUGH FASTENER PATTERN EXAMPLE)



THROUGH FASTENING REQUIREMENTS
(4 - THROUGH FASTENER PATTERN EXAMPLE)

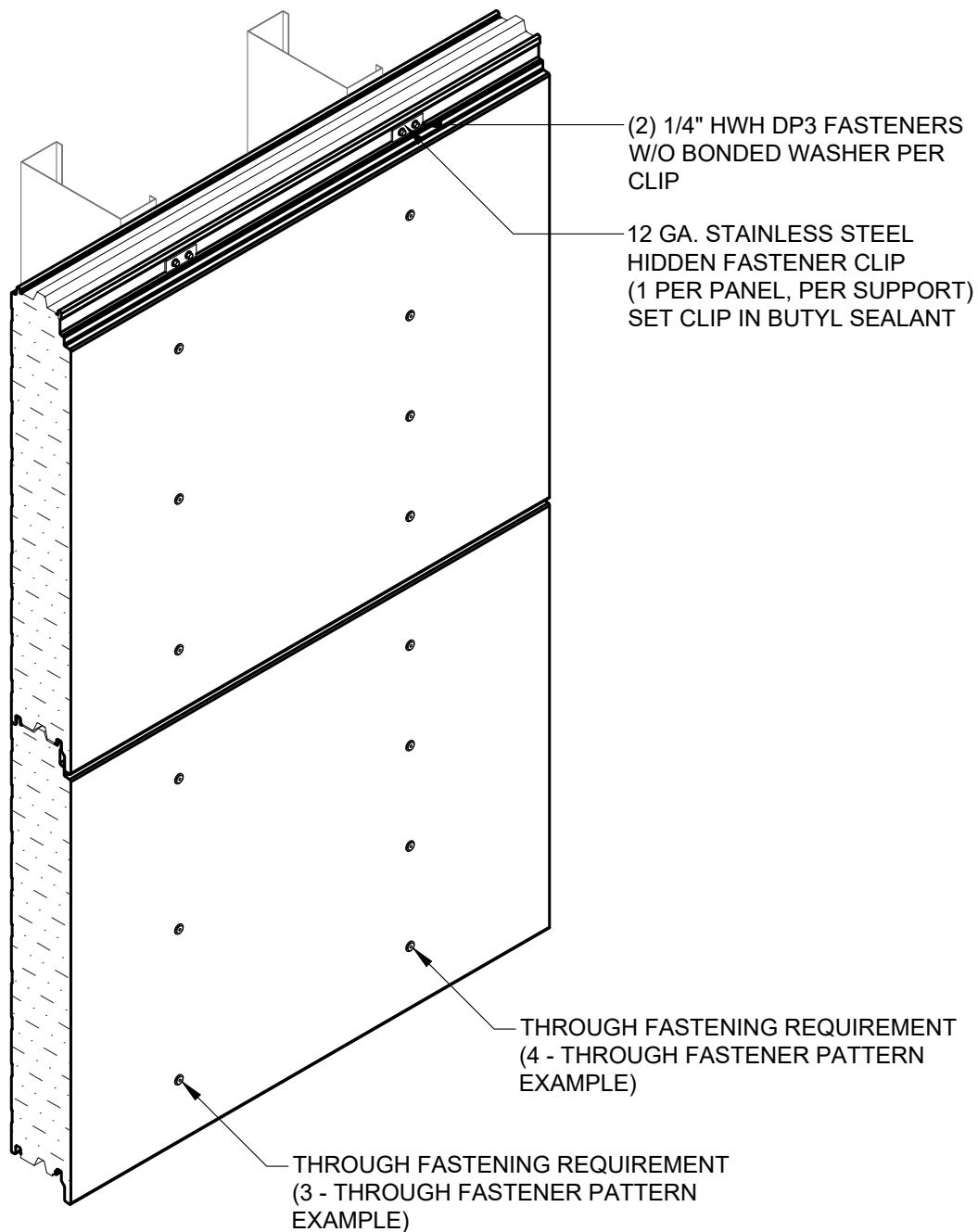
REVISION	
REVISION #	DATE
1	9/19/25

FASTENING PATTERNS

DETAIL #: CI-FP-01-K-ROC-H
RELEASE: 2025
REGION: NORTH AMERICA
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K-ROC QT SERIES PANELS - NON FIRE RATED



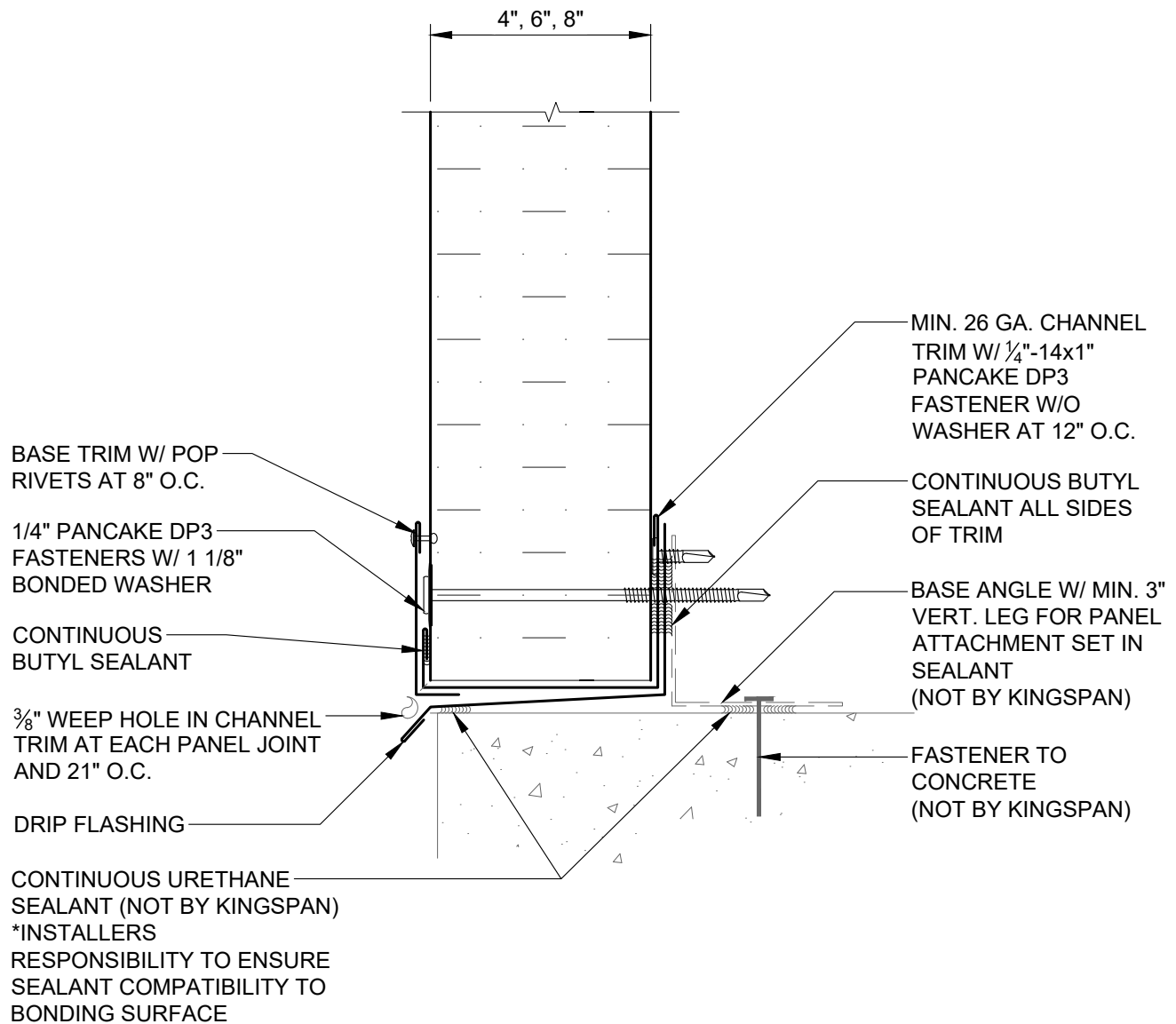
REVISION	
REVISION #	DATE
1	9/19/25

FASTENING PATTERNS
ISOMETRIC

DETAIL #: CI-FP-02-K-ROC-H
RELEASE: 2025
REGION: NORTH AMERICA
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NOTE: SEE DETAIL CI-TL-01-K-ROC-H AND CI-TL-02-K-ROC-H FOR TYPICAL TRIM LAP INSTRUCTIONS.

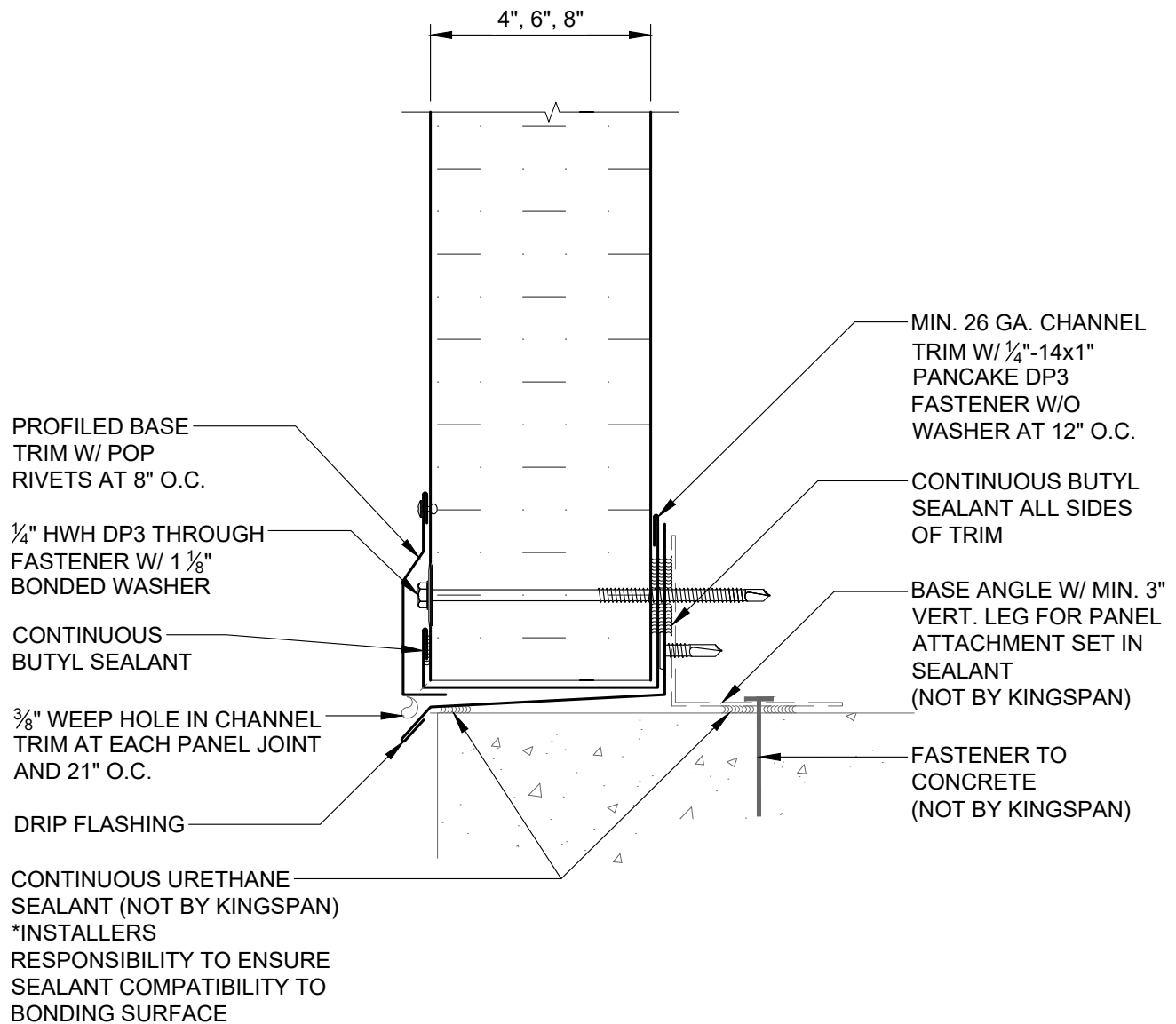
REVISION	
REVISION #	DATE
1	9/19/25

FLUSH BASE W/ FLAT TRIM

DETAIL #: CI-BS-01-K-ROC-H
RELEASE: 2025
REGION: NORTH AMERICA
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K-ROC QT SERIES PANELS - NON FIRE RATED



NOTE: SEE DETAIL CI-TL-01-K-ROC-H AND CI-TL-02-K-ROC-H FOR TYPICAL TRIM LAP INSTRUCTIONS.

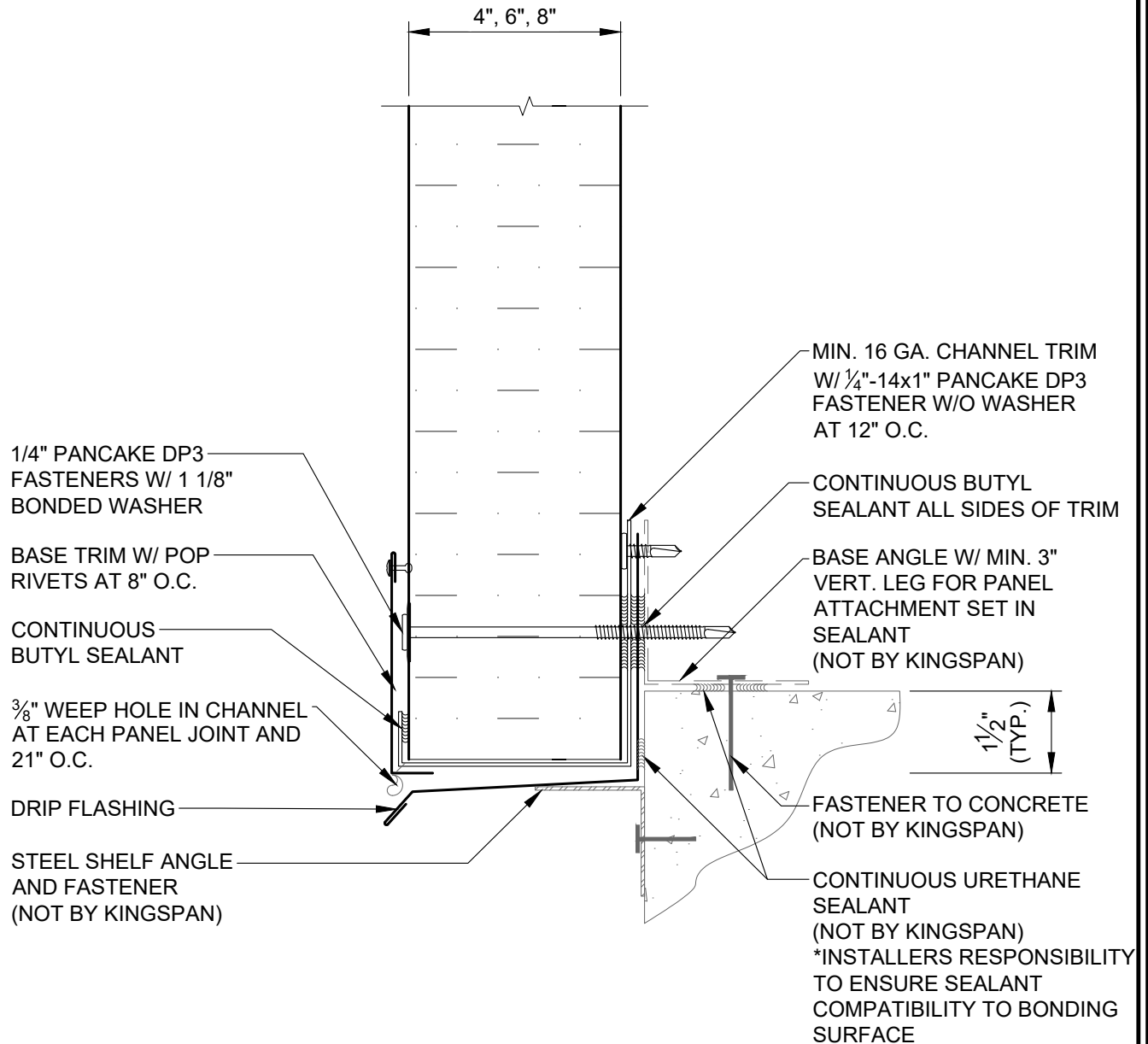
REVISION	
REVISION #	DATE
1	9/19/25

FLUSH BASE W/ PROFILED TRIM

DETAIL #: CI-BS-02-K-ROC-H
RELEASE: 2025
REGION: NORTH AMERICA
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K-ROC QT SERIES PANELS - NON FIRE RATED



NOTE: SEE DETAIL CI-TL-01-K-ROC-H AND CI-TL-02-K-ROC-H FOR TYPICAL TRIM LAP INSTRUCTIONS.

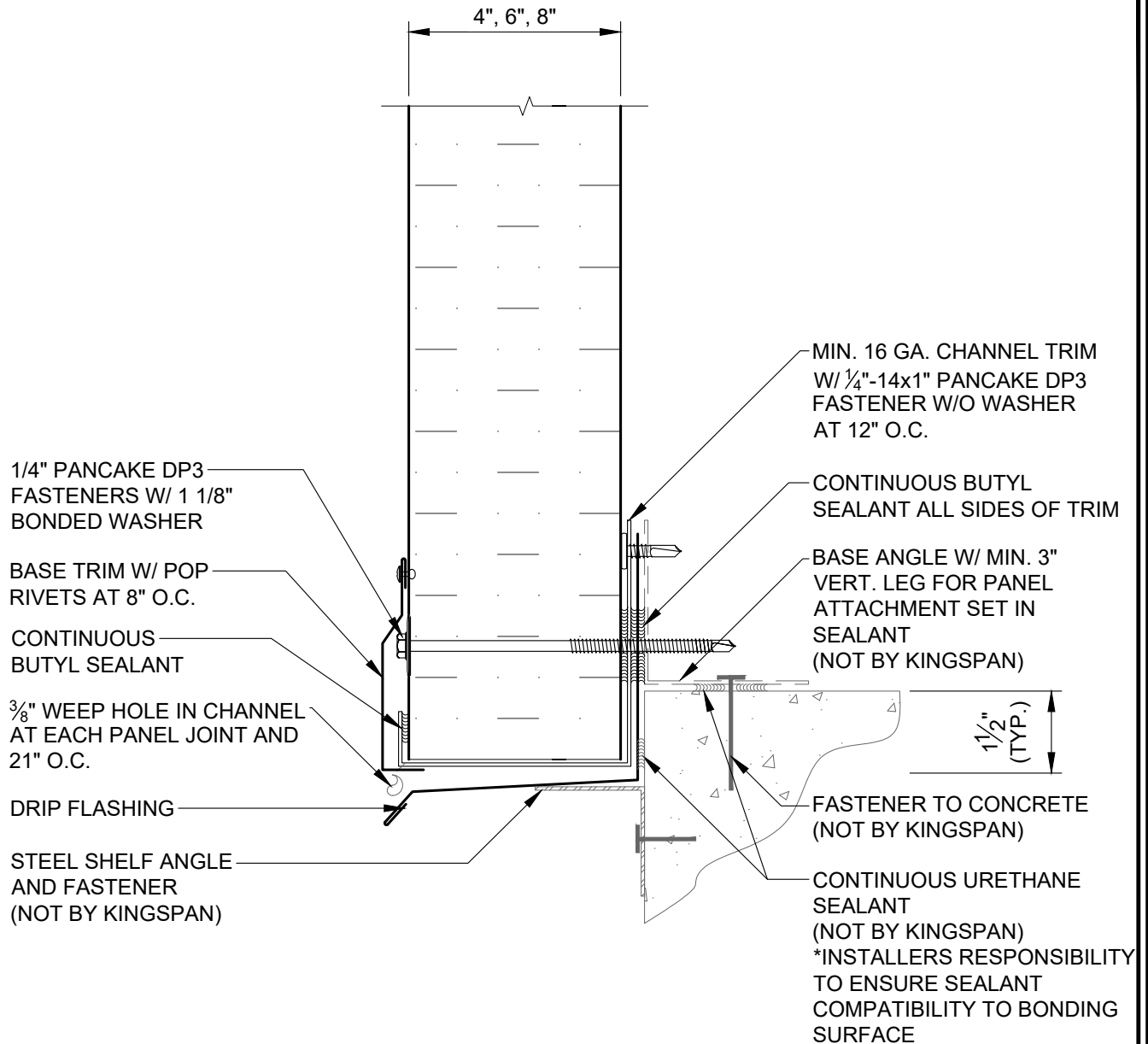
REVISION	
REVISION #	DATE
1	9/19/25

OVERHANG W/ BASE SUPPORT
W/ FLAT TRIM

DETAIL #: CI-BS-03-K-ROC-H
RELEASE: 2025
REGION: NORTH AMERICA
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K-ROC QT SERIES PANELS - NON FIRE RATED



NOTE: SEE DETAIL CI-TL-01-K-ROC-H AND CI-TL-02-K-ROC-H FOR TYPICAL TRIM LAP INSTRUCTIONS.

REVISION	
REVISION #	DATE
1	9/19/25

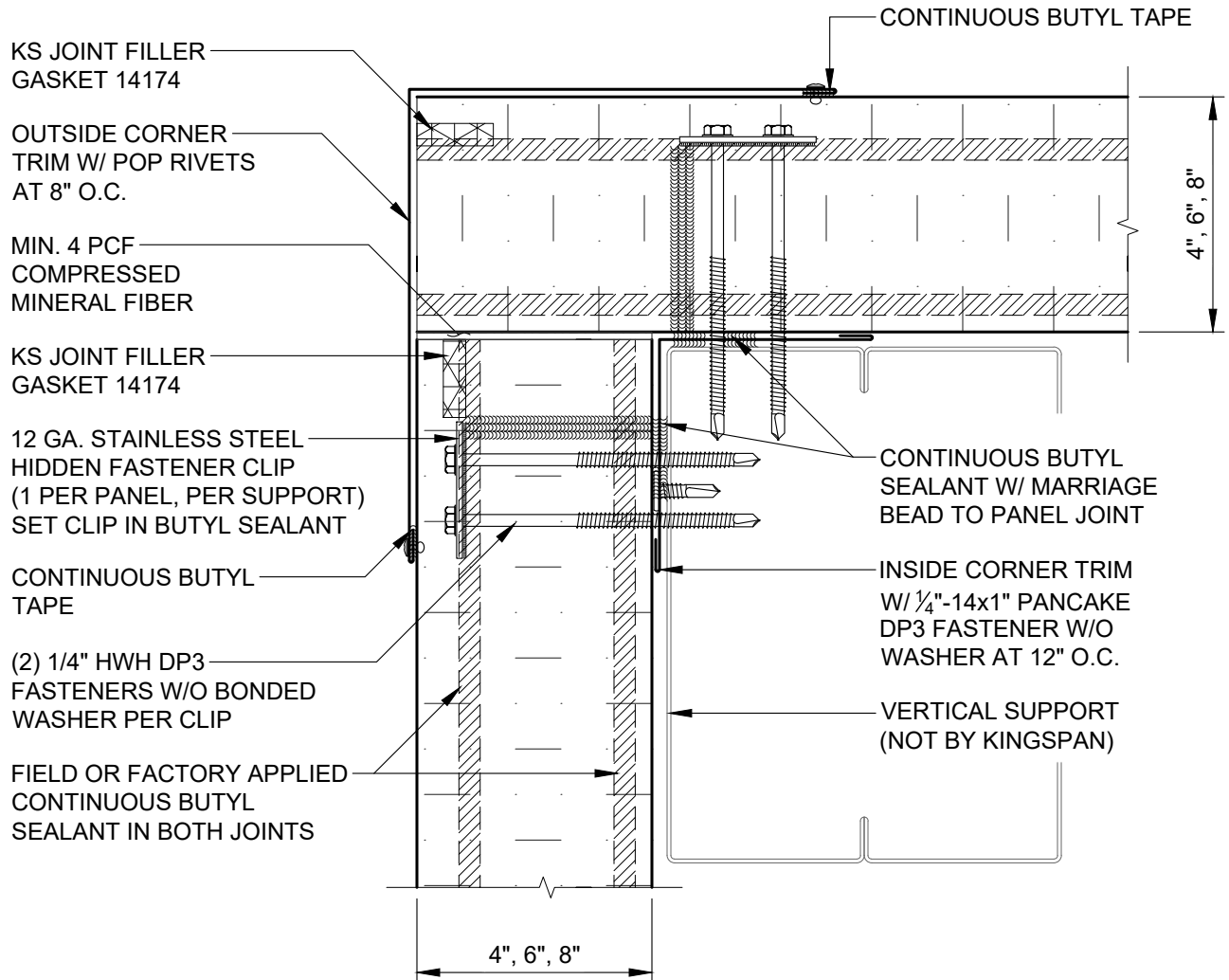
OVERHANG W/ BASE SUPPORT
W/ PROFILED TRIM

DETAIL #: CI-BS-04-K-ROC-H
RELEASE: 2025
REGION: NORTH AMERICA
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K-ROC QT SERIES PANELS - NON FIRE RATED

DETAIL DEPICTS PANEL
SECTION AT PANEL
JOINTS AND FASTENING
REQUIREMENTS



REVISION

REVISION #	DATE
1	9/19/25

OUTSIDE CORNER W/ FLAT TRIM
AT PANEL JOINT

DETAIL #: CI-OC-01-K-ROC-H

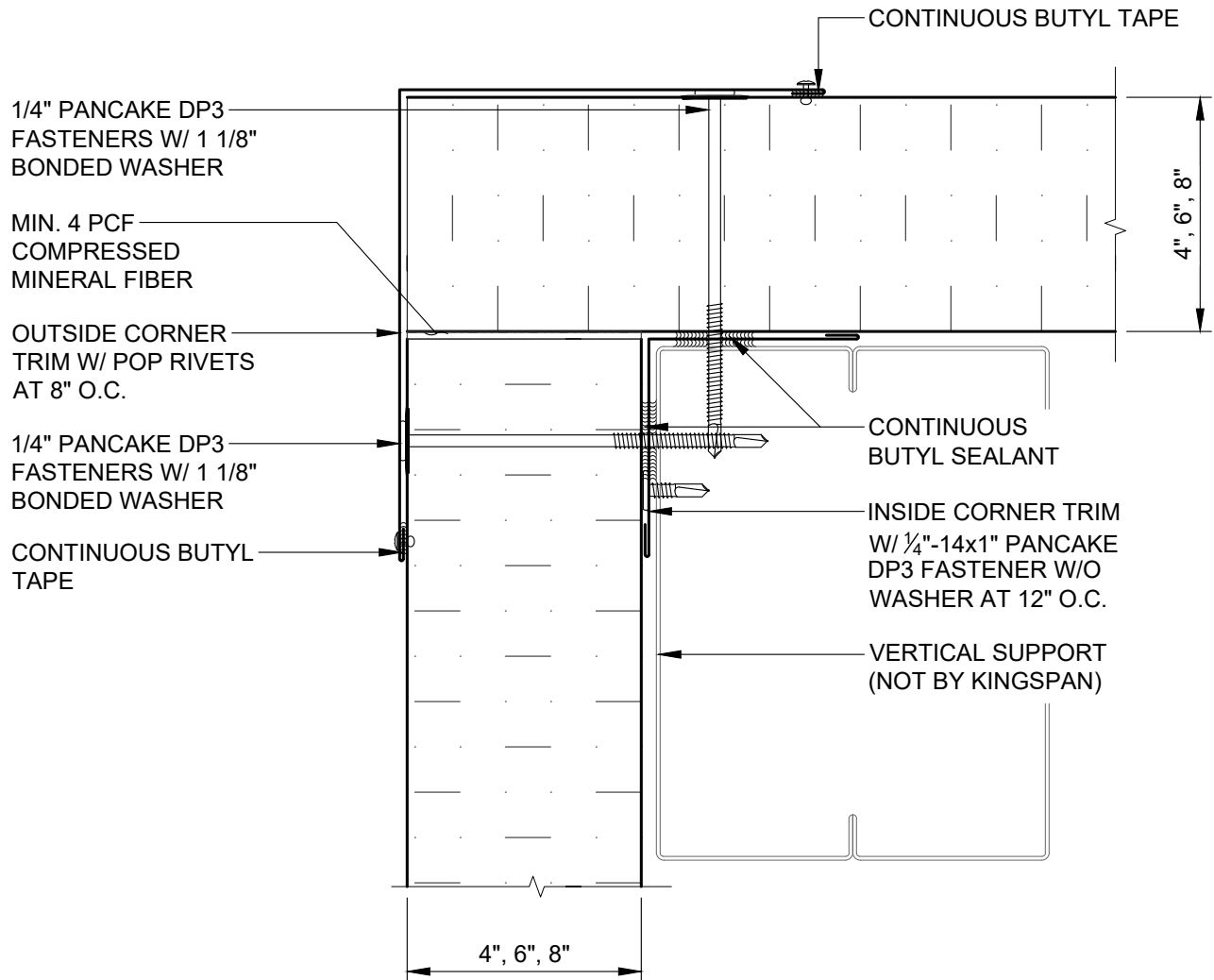
RELEASE: 2025

REGION: NORTH AMERICA

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K-ROC QT SERIES PANELS - NON FIRE RATED



REVISION	
REVISION #	DATE
1	9/19/25

OUTSIDE CORNER W/ FLAT TRIM
AT MID PANEL

DETAIL #: CI-OC-02-K-ROC-H

RELEASE: 2025

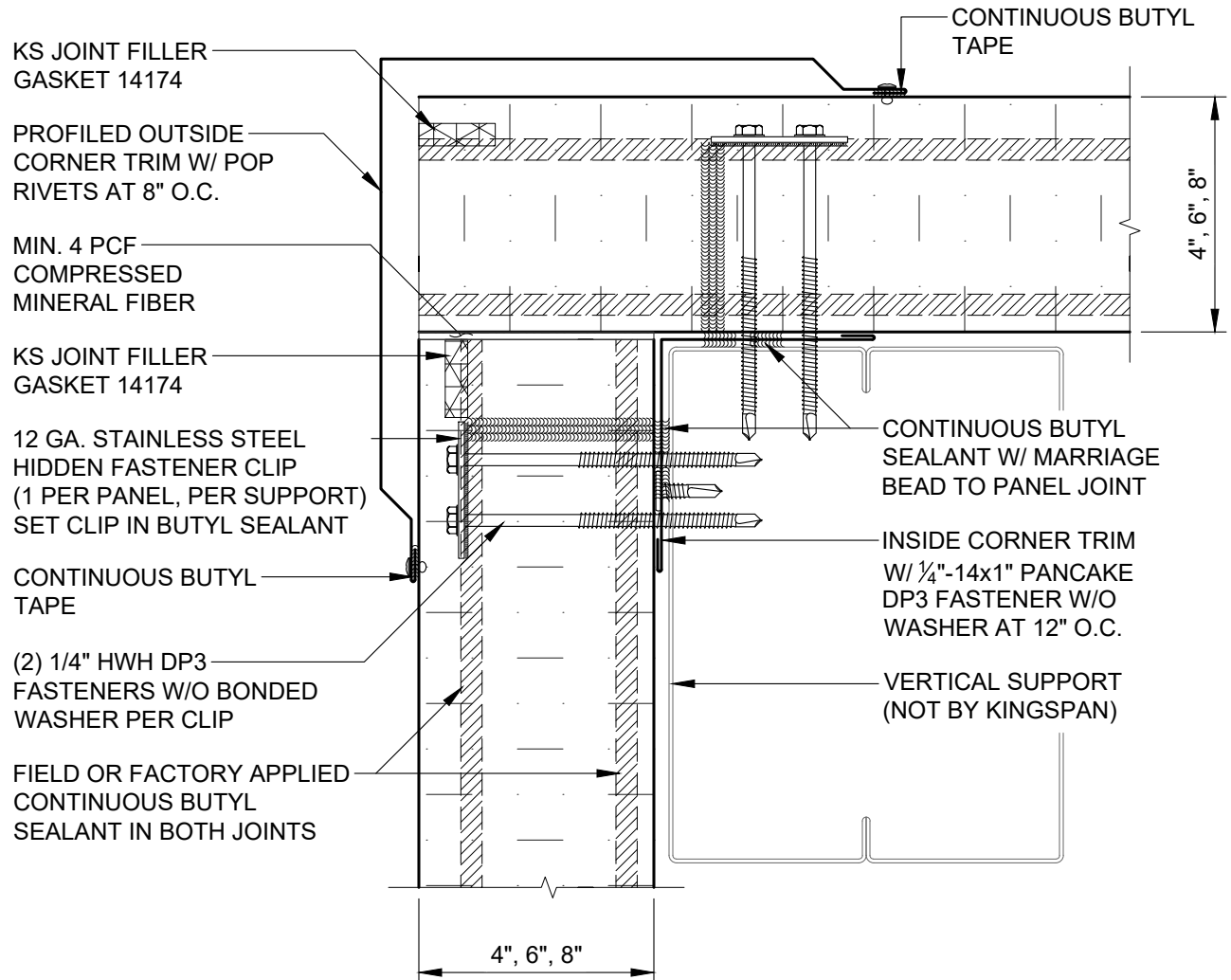
REGION: NORTH AMERICA

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K-ROC QT SERIES PANELS - NON FIRE RATED

DETAIL DEPICTS PANEL
SECTION AT PANEL
JOINTS AND FASTENING
REQUIREMENTS



REVISION

REVISION #	DATE
1	9/19/25

OUTSIDE CORNER W/ PROFIED TRIM
AT PANEL JOINT

DETAIL #: CI-OC-03-K-ROC-H

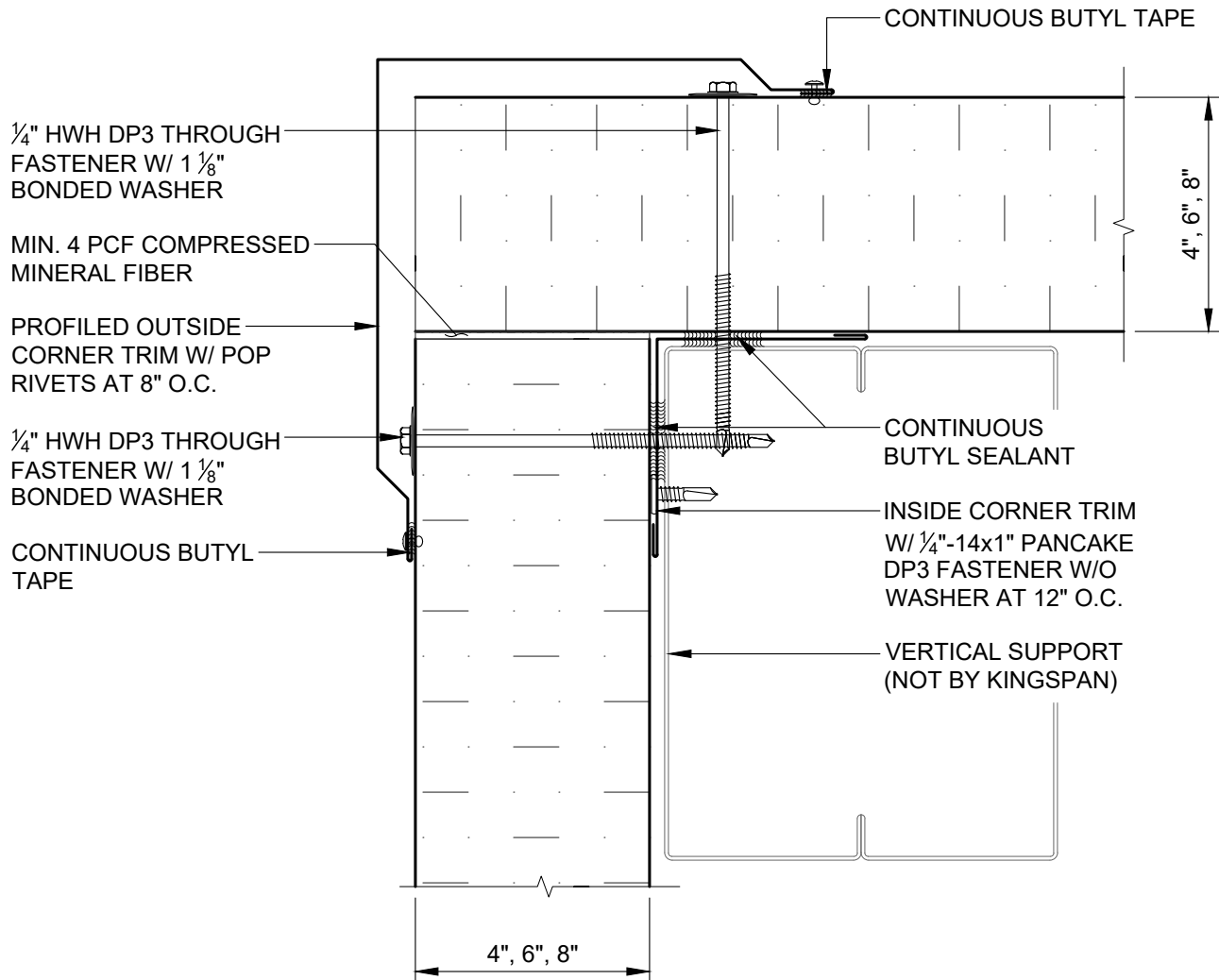
RELEASE: 2025

REGION: NORTH AMERICA

www.kingspanpanels.com



K-ROC QT SERIES PANELS - NON FIRE RATED



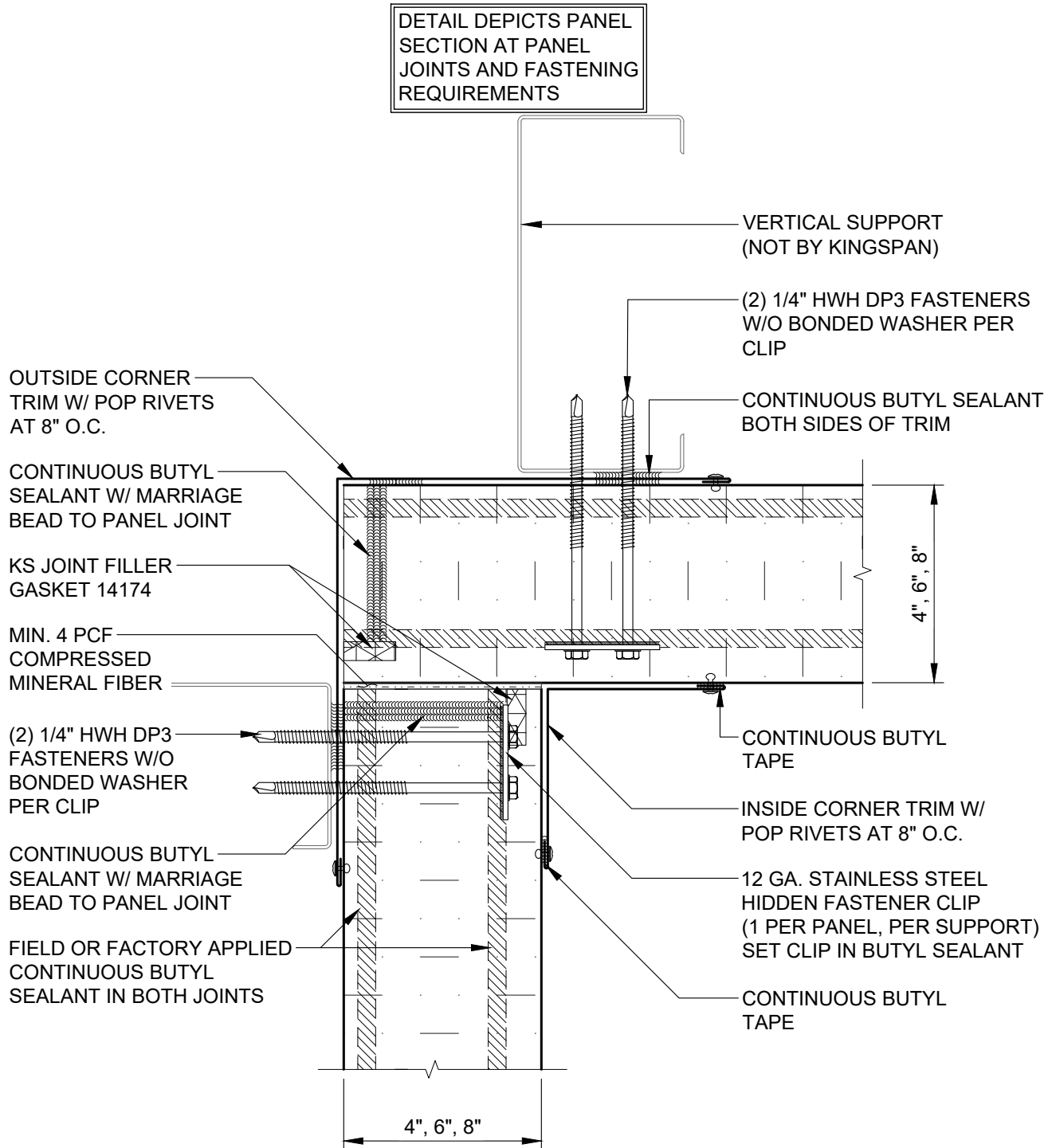
REVISION	
REVISION #	DATE
1	9/19/25

OUTSIDE CORNER W/ PROFILED TRIM
AT MID PANEL

DETAIL #: CI-OC-04-K-ROC-H
RELEASE: 2025
REGION: NORTH AMERICA
www.kingspanpanels.com



K-ROC QT SERIES PANELS - NON FIRE RATED



REVISION	
REVISION #	DATE
1	9/19/25

INSIDE CORNER W/ FLAT TRIM
AT PANEL JOINT

DETAIL #: CI-IC-01-K-ROC-H

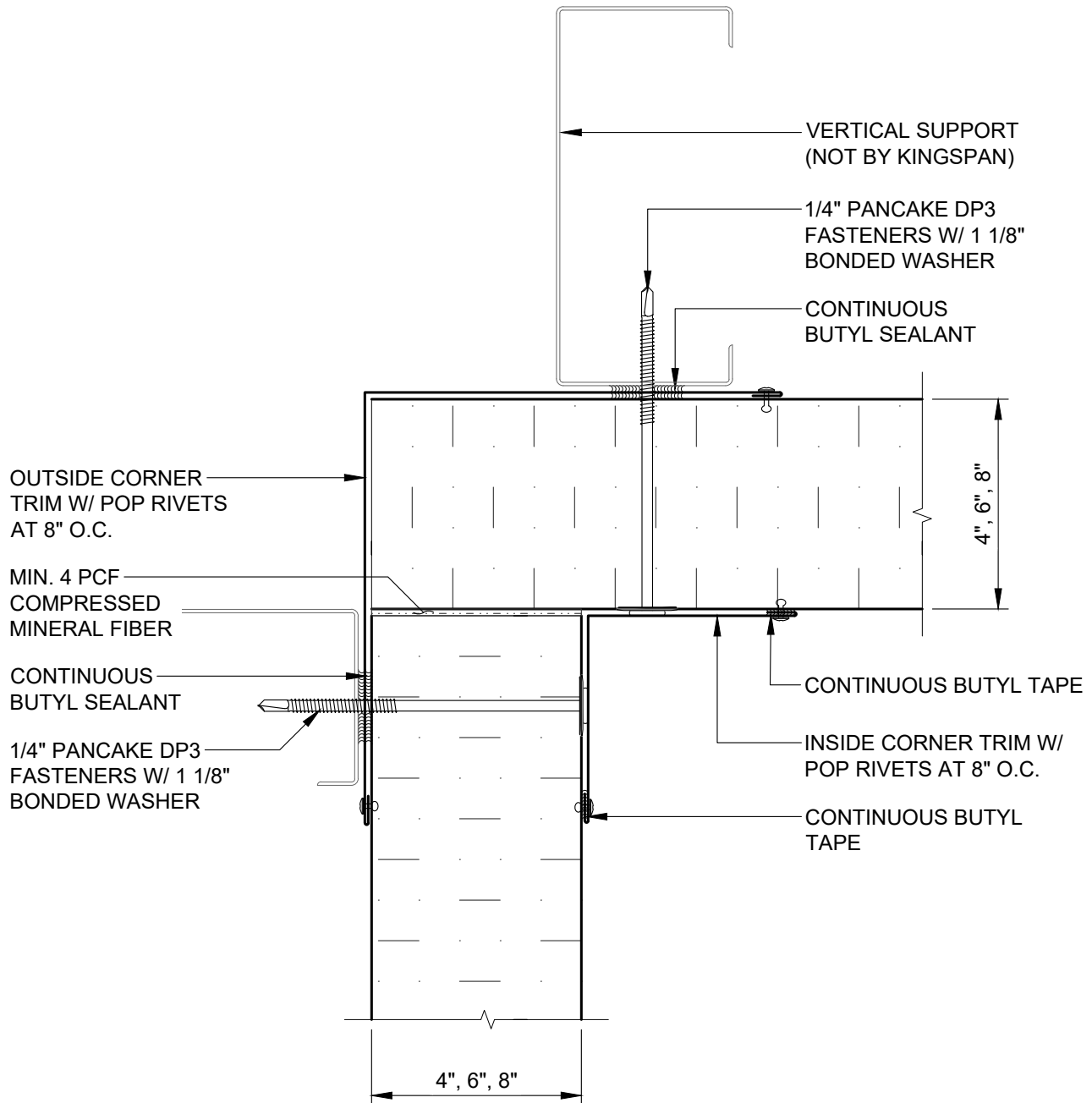
RELEASE: 2025

REGION: NORTH AMERICA

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K-ROC QT SERIES PANELS - NON FIRE RATED



REVISION	
REVISION #	DATE
1	9/19/25

INSIDE CORNER W/ FLAT TRIM
AT MID PANEL

DETAIL #: CI-IC-02-K-ROC-H

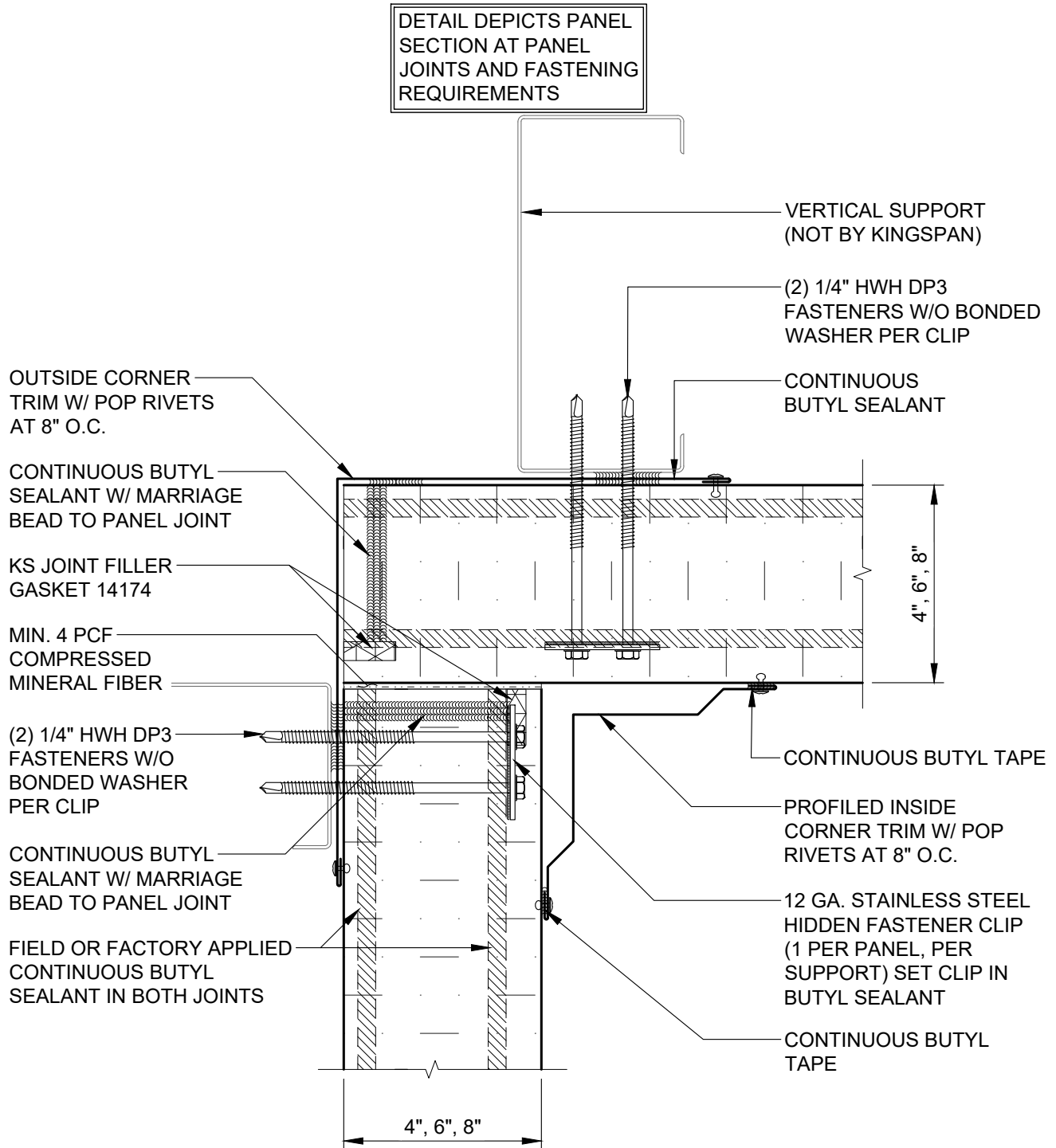
RELEASE: 2025

REGION: NORTH AMERICA

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K-ROC QT SERIES PANELS - NON FIRE RATED



REVISION	
REVISION #	DATE
1	9/19/25

INSIDE CORNER W/ PROFIED TRIM
AT PANEL JOINT

DETAIL #: CI-IC-03-K-ROC-H

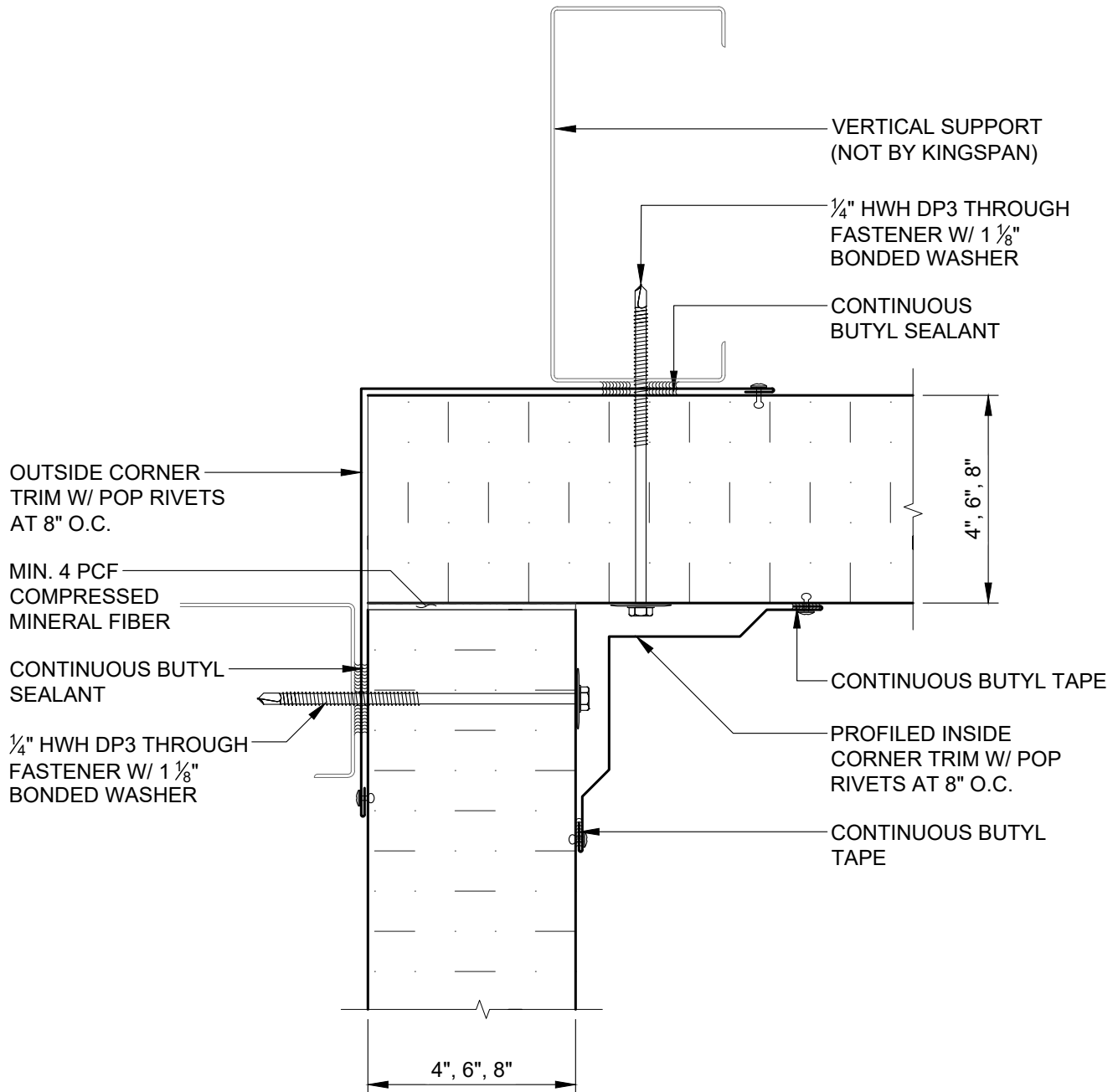
RELEASE: 2025

REGION: NORTH AMERICA

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K-ROC QT SERIES PANELS - NON FIRE RATED



REVISION	
REVISION #	DATE
1	9/19/25

INSIDE CORNER W/ PROFIED TRIM
AT MID PANEL

DETAIL #: CI-IC-04-K-ROC-H

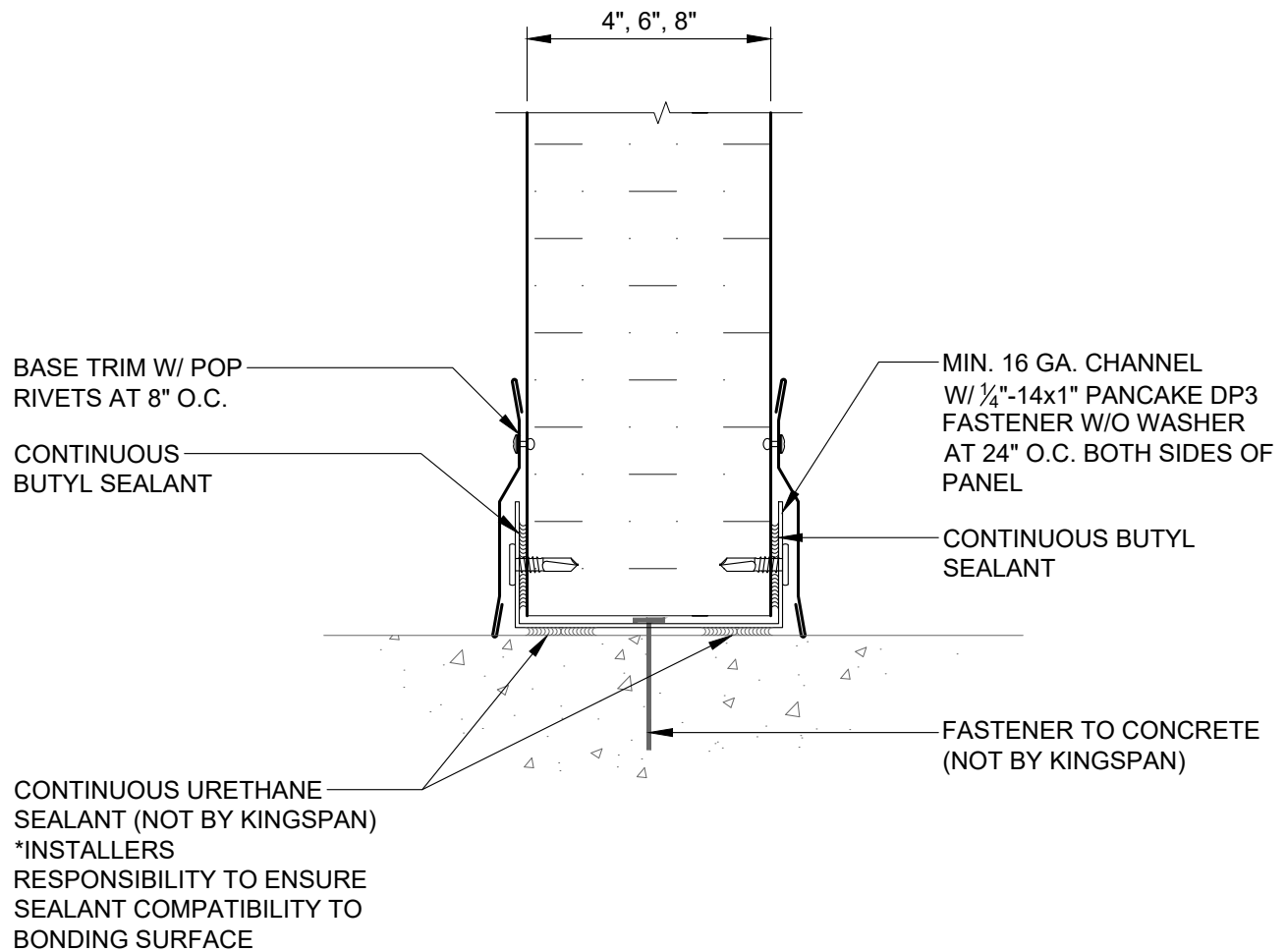
RELEASE: 2025

REGION: NORTH AMERICA

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K-ROC QT SERIES PANELS - NON FIRE RATED



REVISION	
REVISION #	DATE
1	9/19/25

BASE DETAIL - PARTITION

DETAIL #: CI-IP-01-K-ROC-H

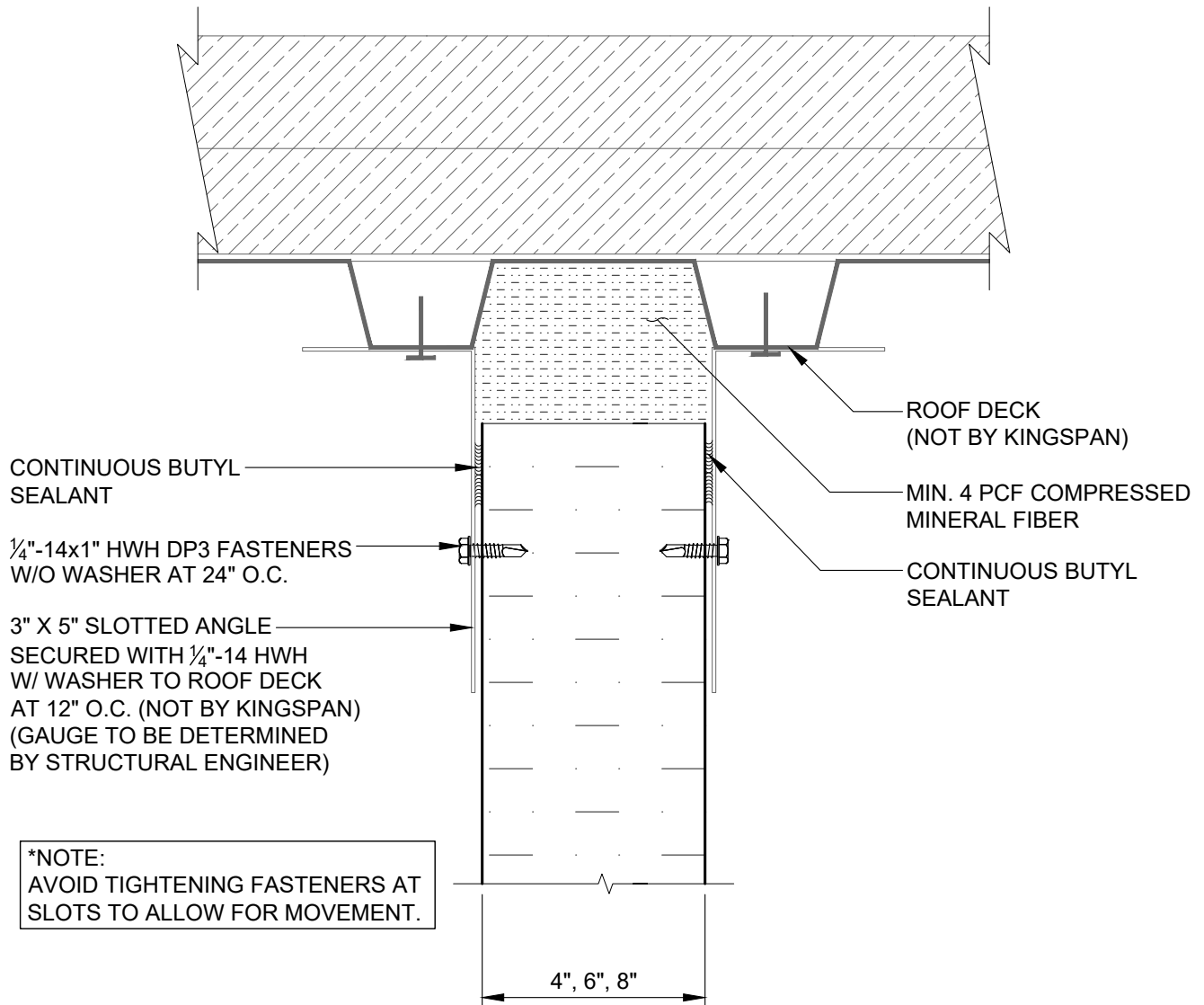
RELEASE: 2025

REGION: NORTH AMERICA

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K-ROC QT SERIES PANELS - NON FIRE RATED



REVISION	
REVISION #	DATE
1	9/19/25

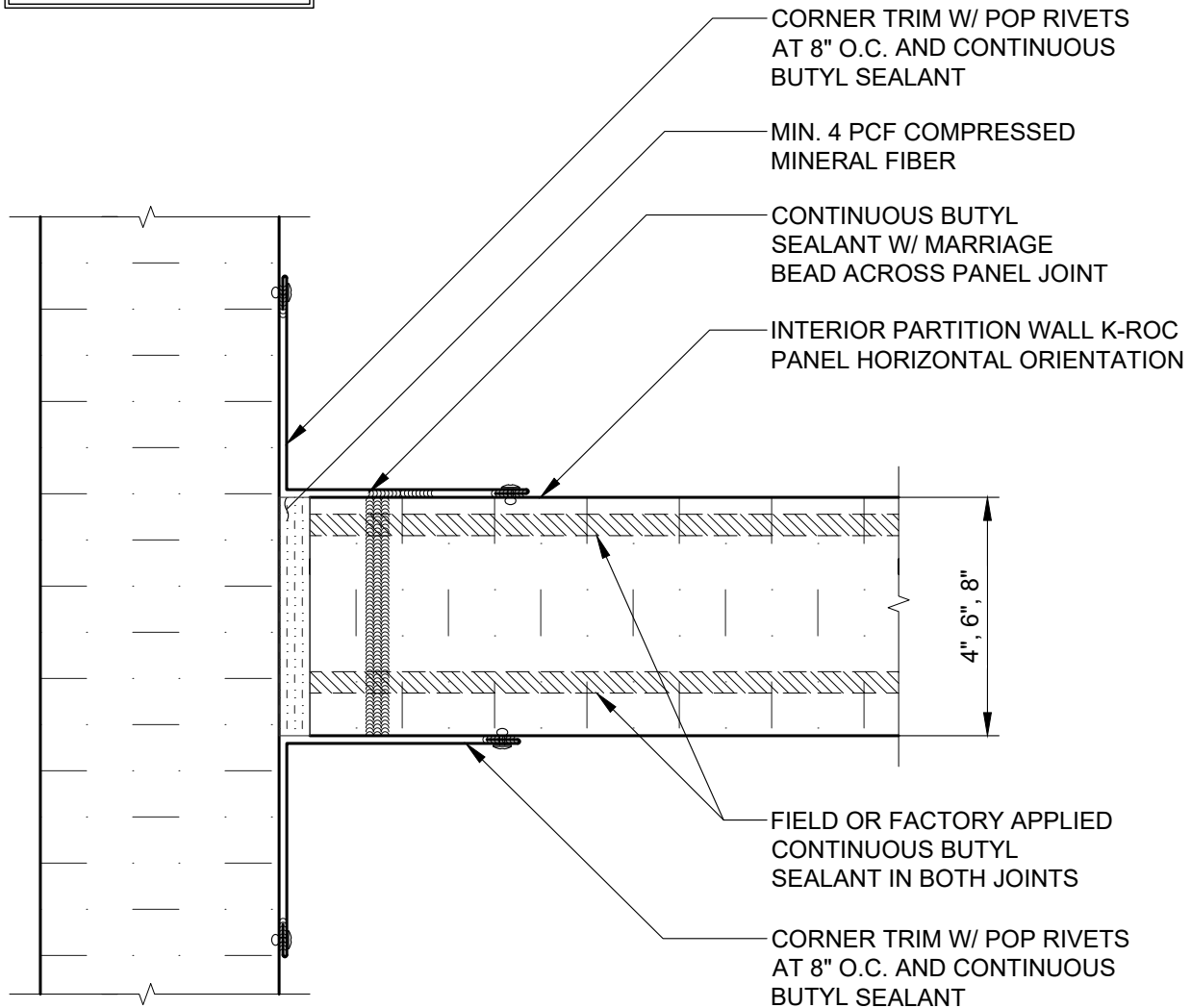
NON FIRE RATED ASSEMBLY PARTITION
TO ROOF

DETAIL #: CI-IP-02-K-ROC-H
RELEASE: 2025
REGION: NORTH AMERICA
www.kingspanpanels.com



K-ROC QT SERIES PANELS - NON FIRE RATED

DETAIL DEPICTS PANEL
SECTION AT PANEL
JOINTS AND FASTENING
REQUIREMENTS



REVISION	
REVISION #	DATE
1	9/19/25

INTERIOR PARTITION ENDWALL DETAIL

DETAIL #: CI-IP-03-K-ROC-H

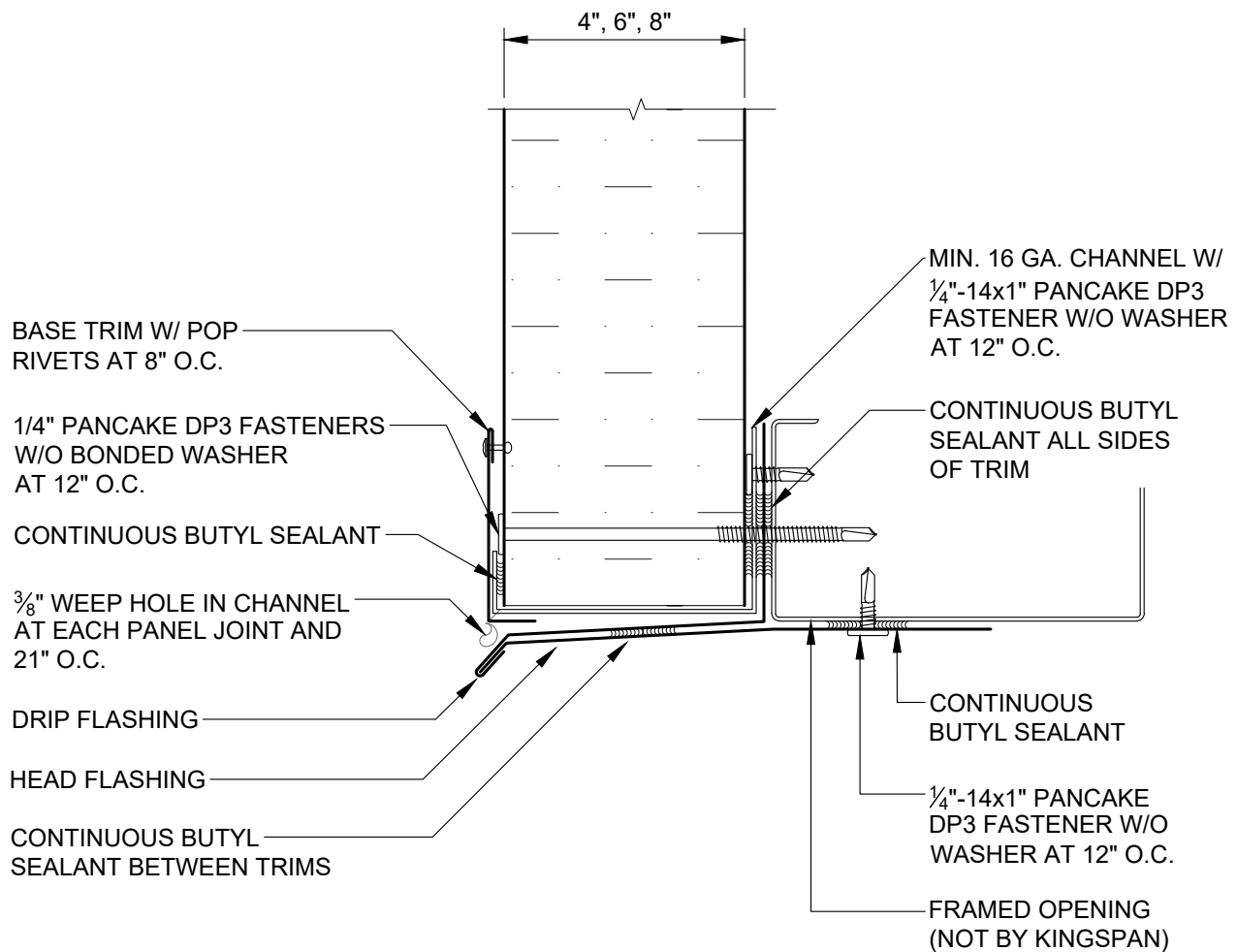
RELEASE: 2025

REGION: NORTH AMERICA

www.kingspanpanels.com



K-ROC QT SERIES PANELS - NON FIRE RATED



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

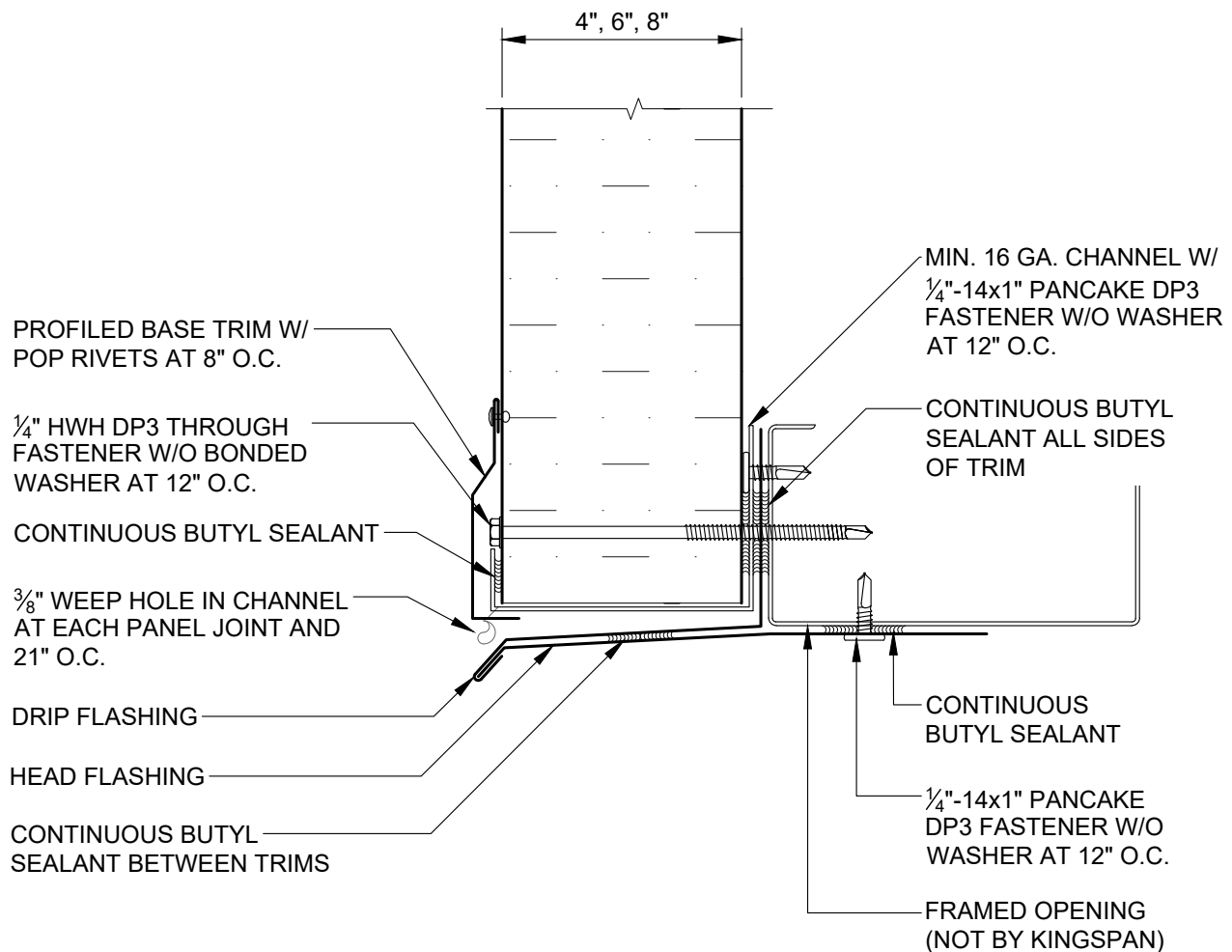
REVISION	
REVISION #	DATE
1	9/19/25

FRAMED OPENING HEAD W/
FLAT TRIM AND DRIP EDGE

DETAIL #: CI-FO-01-K-ROC-H
RELEASE: 2025
REGION: NORTH AMERICA
www.kingspanpanels.com



K-ROC QT SERIES PANELS - NON FIRE RATED



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

REVISION	
REVISION #	DATE
1	9/19/25

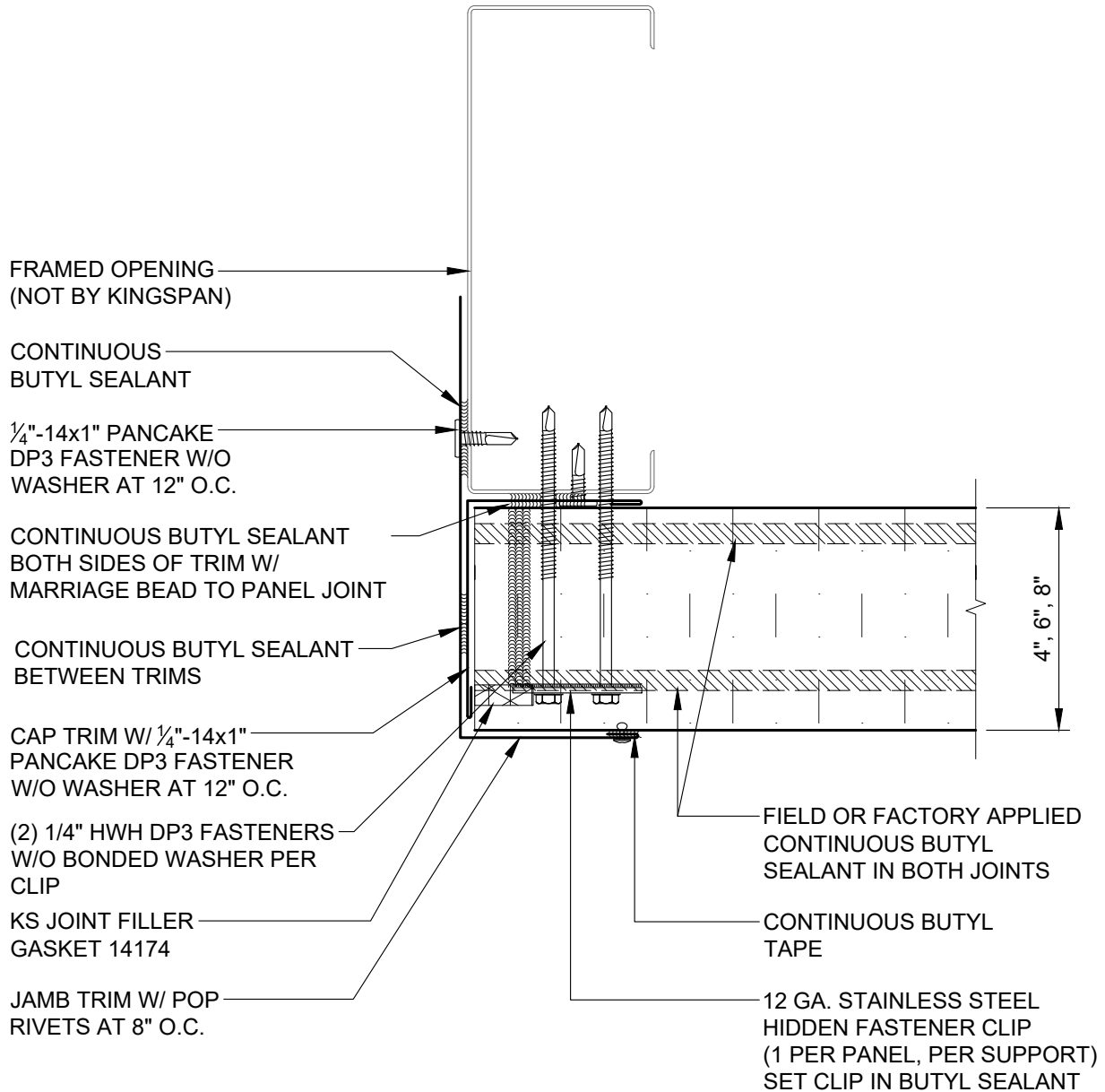
FRAMED OPENING HEAD W/
PROFILED TRIM AND DRIP EDGE

DETAIL #: CI-FO-02-K-ROC-H
RELEASE: 2025
REGION: NORTH AMERICA
www.kingspanpanels.com



K-ROC QT SERIES PANELS - NON FIRE RATED

DETAIL DEPICTS PANEL
SECTION AT PANEL
JOINTS AND FASTENING
REQUIREMENTS



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

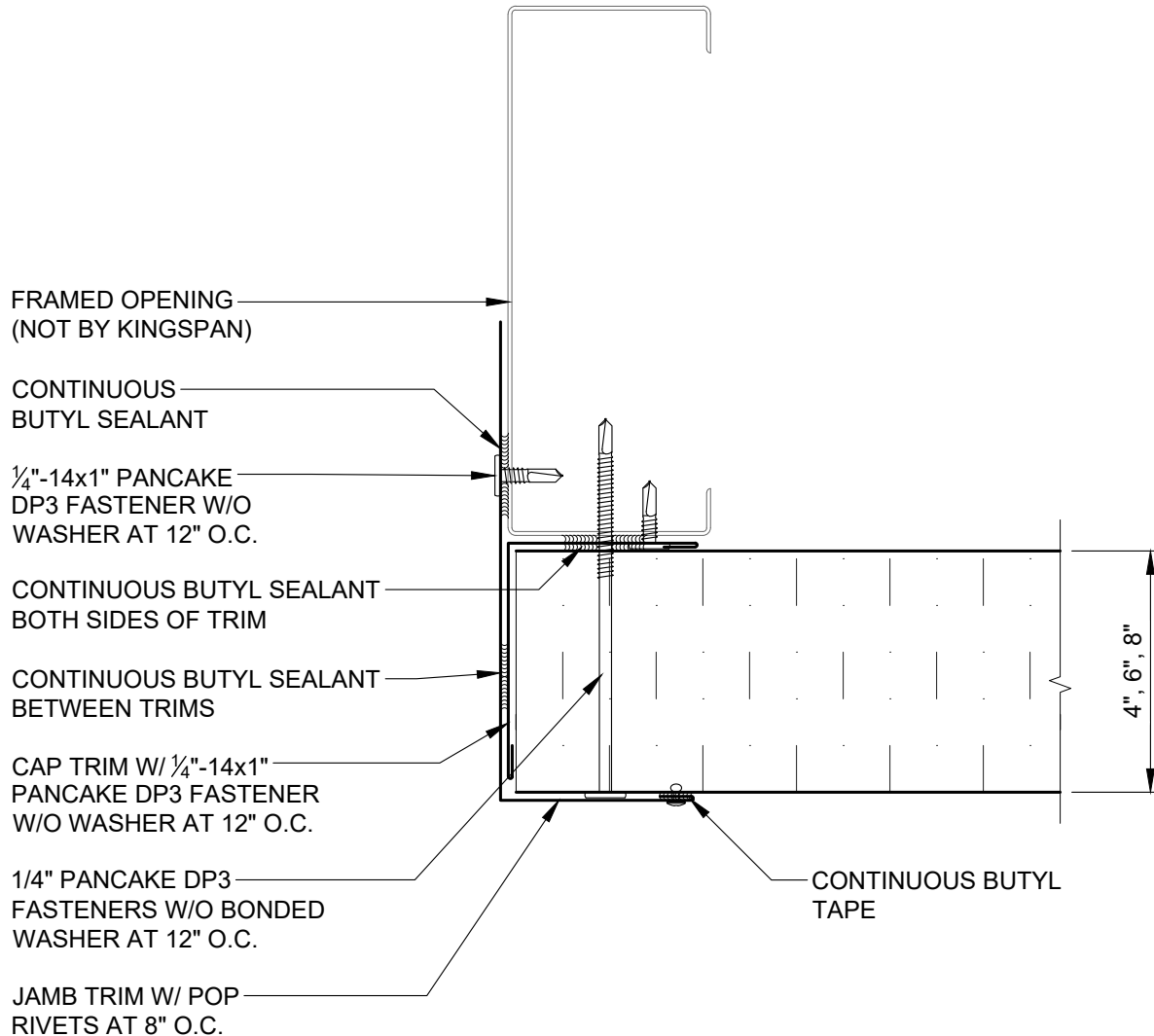
REVISION	
REVISION #	DATE
1	9/19/25

FRAMED OPENING JAMB W/
FLAT JAMB TRIM AT PANEL JOINT

DETAIL #: CI-FO-03-K-ROC-H
RELEASE: 2025
REGION: NORTH AMERICA
www.kingspanpanels.com



K-ROC QT SERIES PANELS - NON FIRE RATED



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

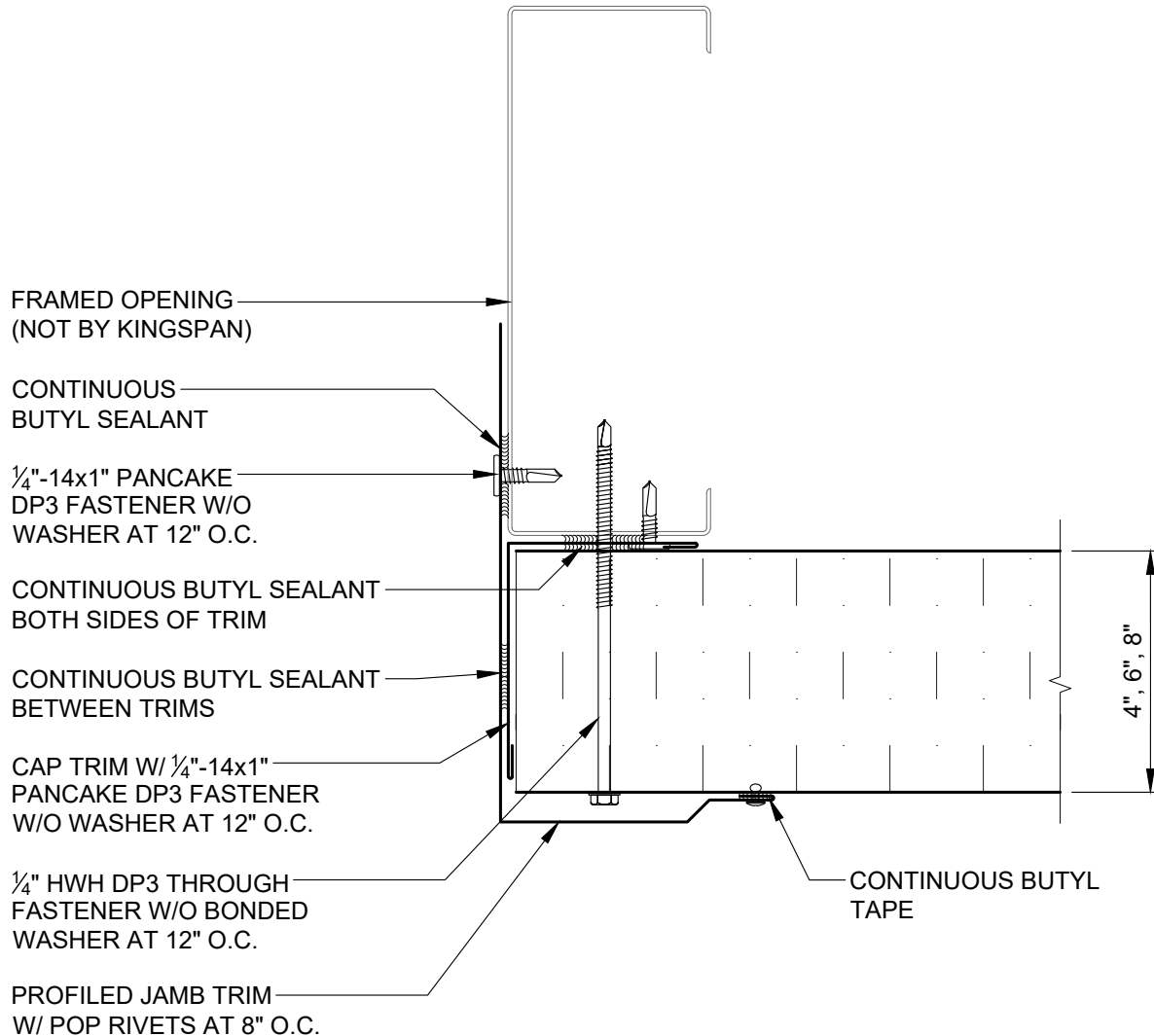
REVISION	
REVISION #	DATE
1	9/19/25

FRAMED OPENING JAMB W/
FLAT JAMB TRIM AT MID PANEL

DETAIL #: CI-FO-04-K-ROC-H
RELEASE: 2025
REGION: NORTH AMERICA
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K-ROC QT SERIES PANELS - NON FIRE RATED



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

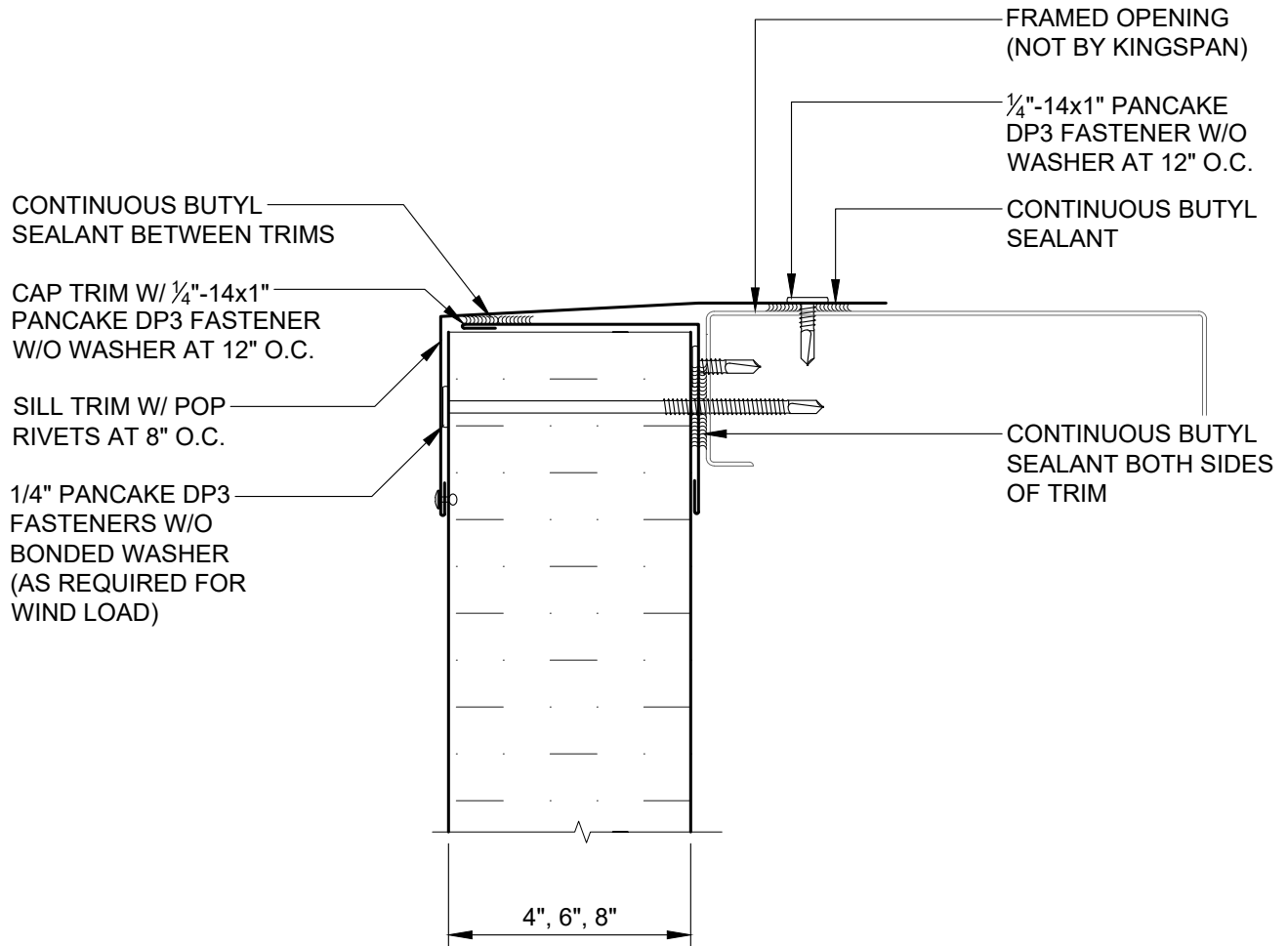
REVISION	
REVISION #	DATE
1	9/19/25

FRAMED OPENING JAMB W/
PROFILED JAMB TRIM AT MID PANEL

DETAIL #: CI-FO-05-K-ROC-H
RELEASE: 2025
REGION: NORTH AMERICA
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K-ROC QT SERIES PANELS - NON FIRE RATED



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

REVISION

REVISION #	DATE
1	9/19/25

FRAMED OPENING SILL W/
FLAT TRIM

DETAIL #: CI-FO-06-K-ROC-H

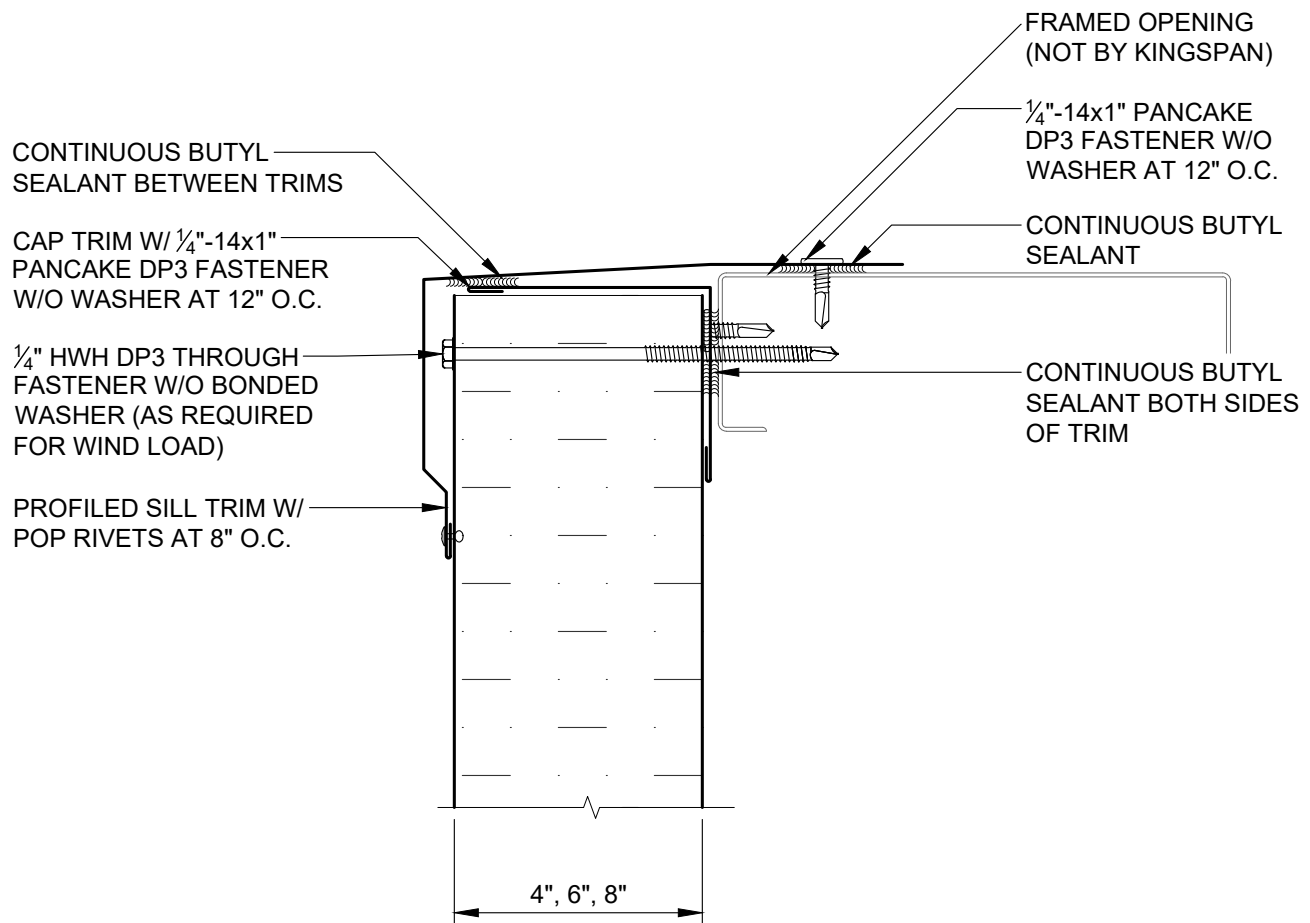
RELEASE: 2025

REGION: NORTH AMERICA

www.kingspanpanels.com



K-ROC QT SERIES PANELS - NON FIRE RATED



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

REVISION	
REVISION #	DATE
1	9/19/25

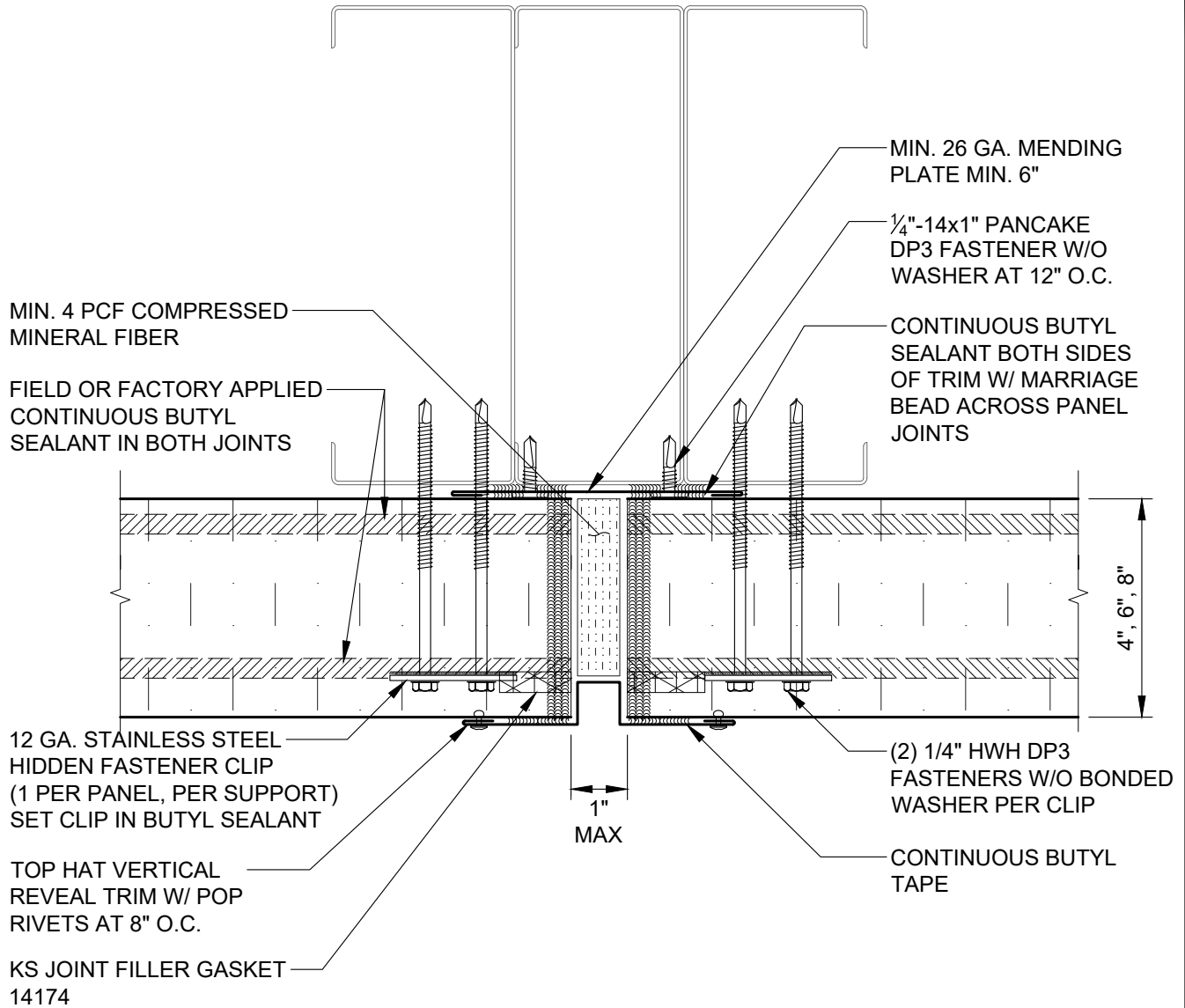
FRAMED OPENING SILL W/
PROFILED TRIM

DETAIL #: CI-FO-07-K-ROC-H
RELEASE: 2025
REGION: NORTH AMERICA
www.kingspanpanels.com



K-ROC QT SERIES PANELS - NON FIRE RATED

DETAIL DEPICTS PANEL
SECTION AT PANEL
JOINTS AND FASTENING
REQUIREMENTS



REVISION	
REVISION #	DATE
1	9/19/25

VERTICAL JOINT DETAIL
AT PANEL JOINT

DETAIL #: CI-VJ-01-K-ROC-H

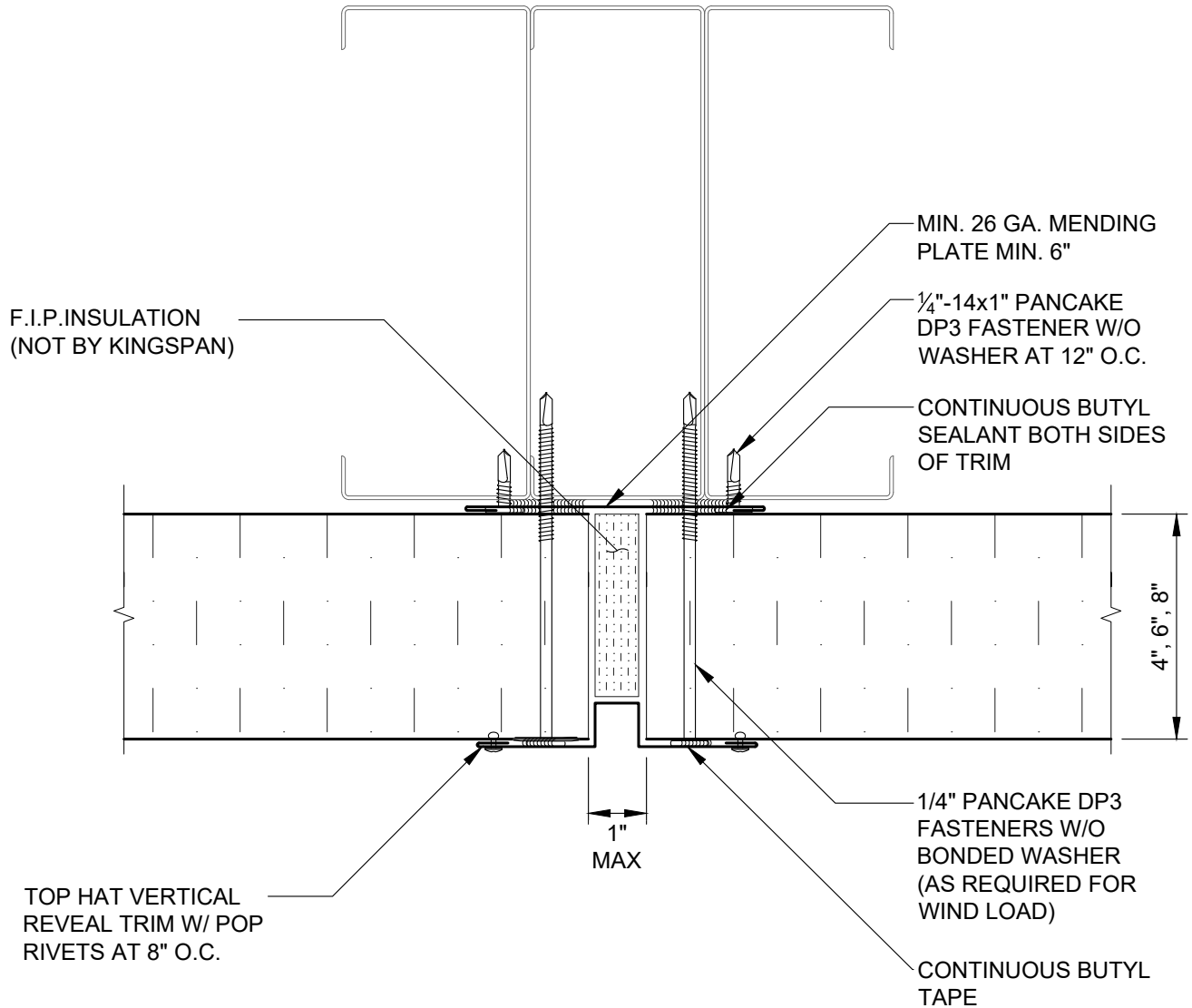
RELEASE: 2025

REGION: NORTH AMERICA

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K-ROC QT SERIES PANELS - NON FIRE RATED



REVISION	
REVISION #	DATE
1	9/19/25

VERTICAL JOINT DETAIL
AT MID PANEL

DETAIL #: CI-VJ-02-K-ROC-H

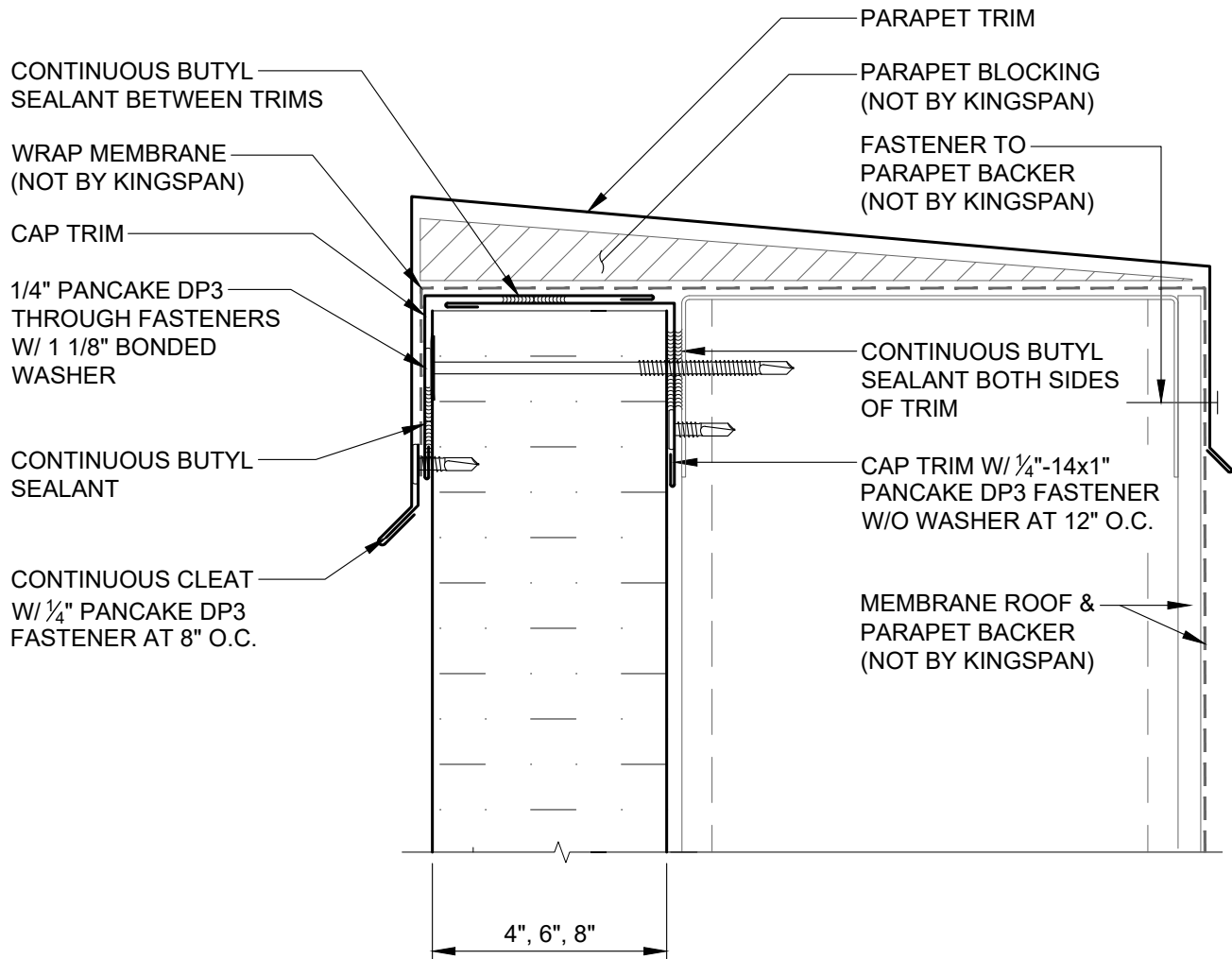
RELEASE: 2025

REGION: NORTH AMERICA

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K-ROC QT SERIES PANELS - NON FIRE RATED



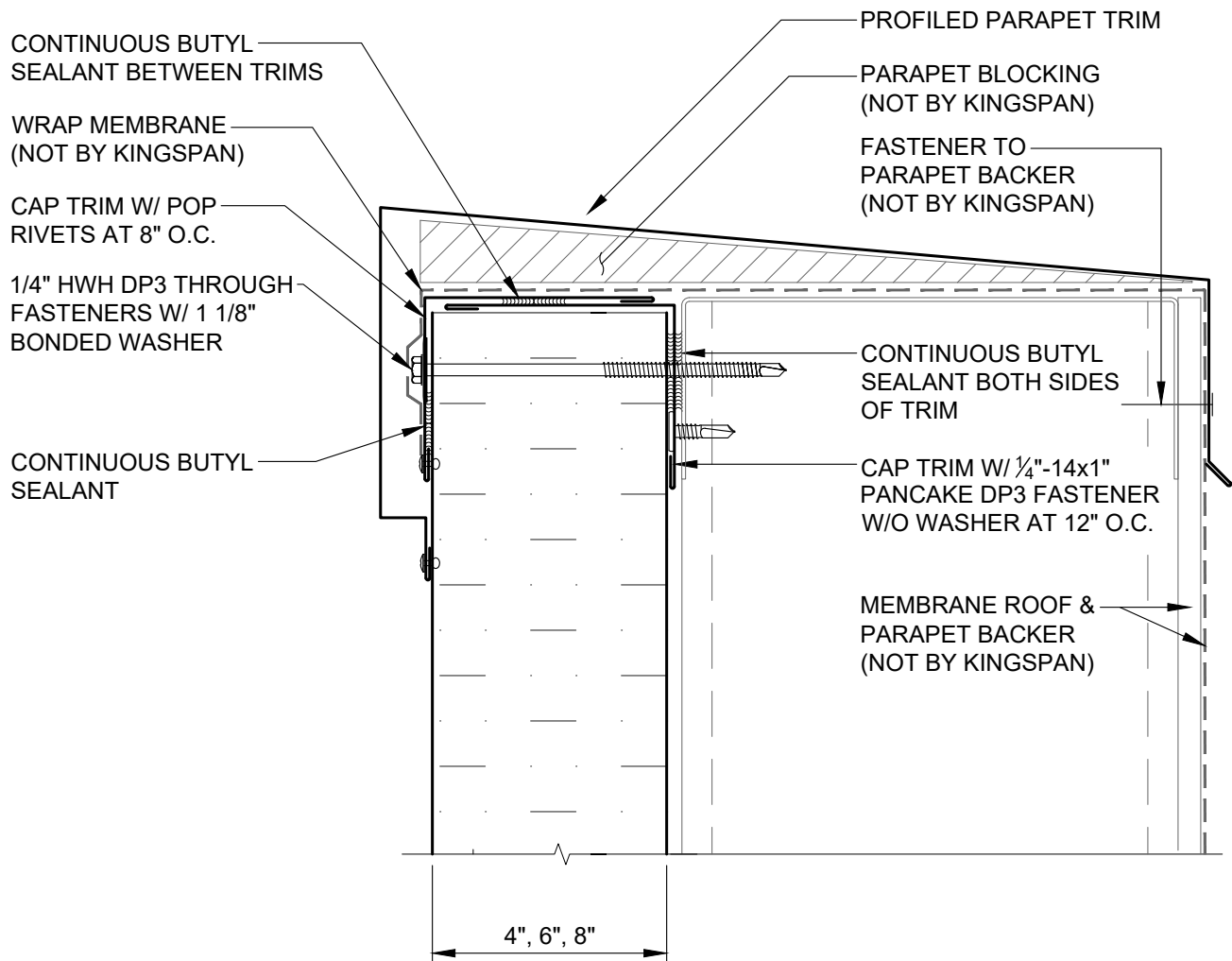
REVISION	
REVISION #	DATE
1	9/19/25

PARAPET W/ FLUSH TRIM

DETAIL #: CI-PR-01-K-ROC-H
RELEASE: 2025
REGION: NORTH AMERICA
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K-ROC QT SERIES PANELS - NON FIRE RATED



REVISION	
REVISION #	DATE
1	9/19/25

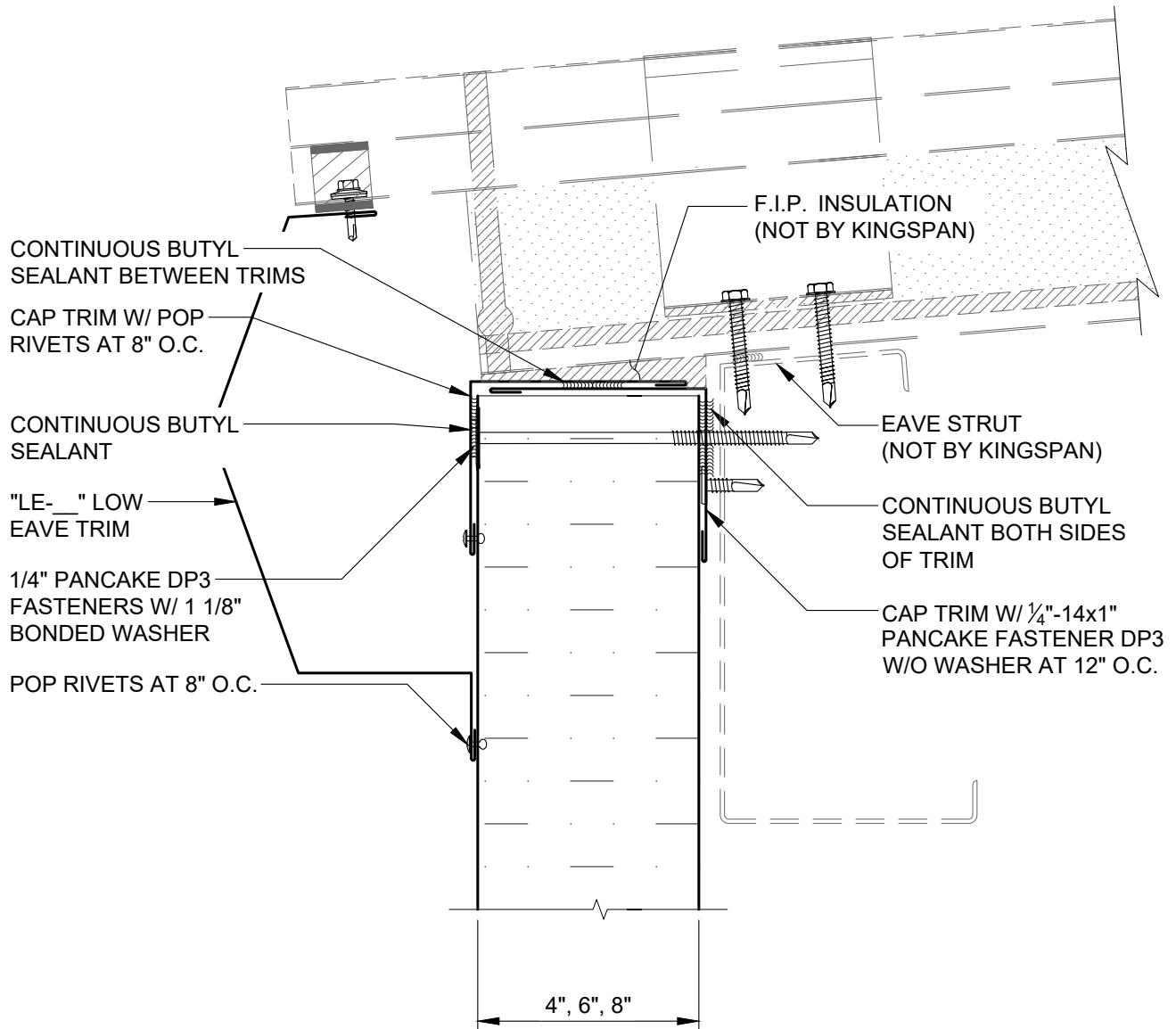
PARAPET W/ PROFILED TRIM

DETAIL #: CI-PR-02-K-ROC-H
RELEASE: 2025
REGION: NORTH AMERICA
www.kingspanpanels.com



K-ROC QT SERIES PANELS - NON FIRE RATED

NOTE: REFER TO ROOF DETAILS
FOR ROOF INSTALLATION



REVISION	
REVISION #	DATE
1	9/19/25

WALL TO ROOF W/ LOW EAVE TRIM

DETAIL #: CI-WR-01-K-ROC-H

RELEASE: 2025

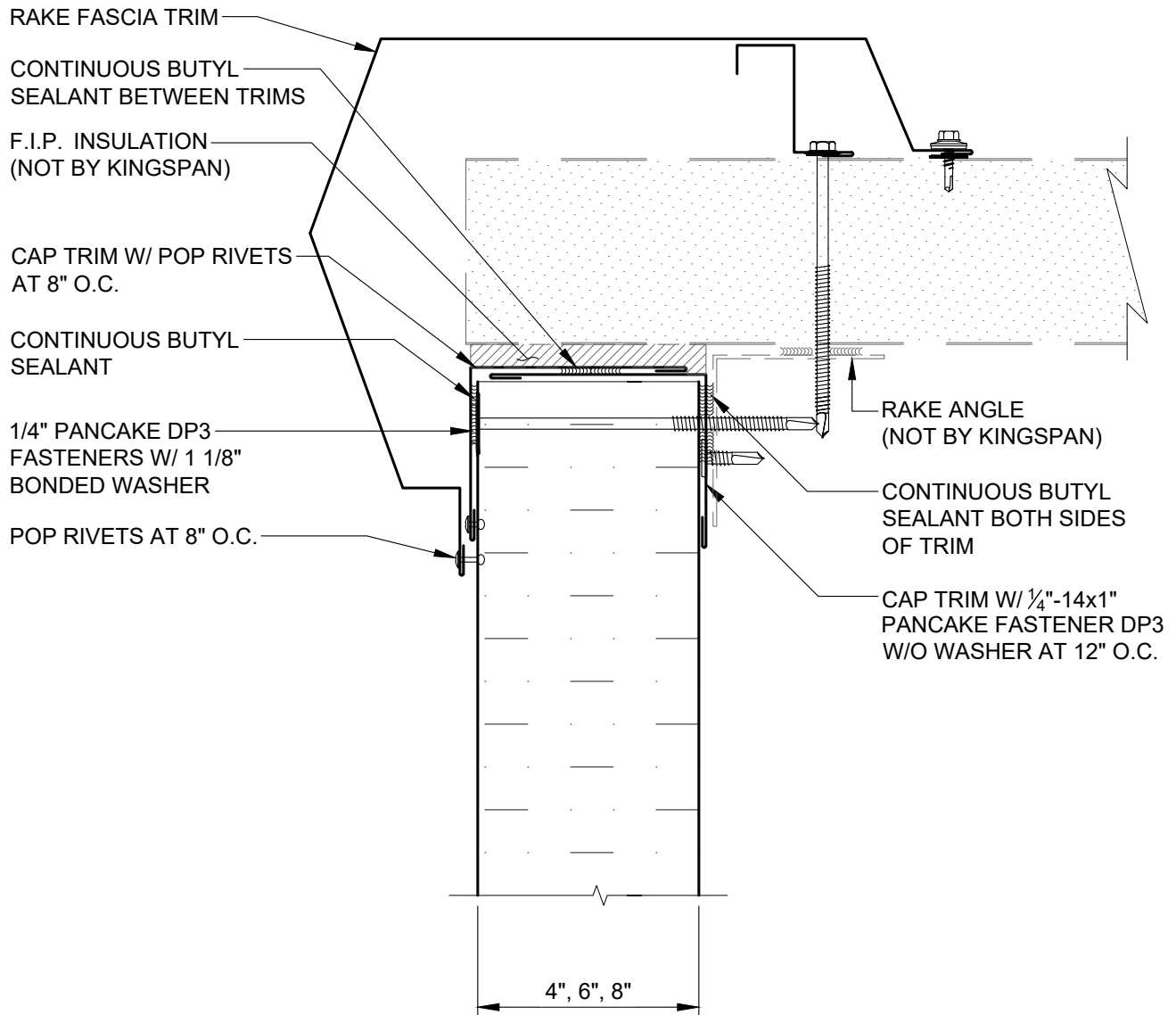
REGION: NORTH AMERICA

www.kingspanpanels.com



K-ROC QT SERIES PANELS - NON FIRE RATED

NOTE: REFER TO ROOF DETAILS
FOR ROOF INSTALLATION



REVISION	
REVISION #	DATE
1	9/19/25

WALL TO ROOF W/ RAKE FASCIA TRIM

DETAIL #: CI-WR-02-K-ROC-H

RELEASE: 2025

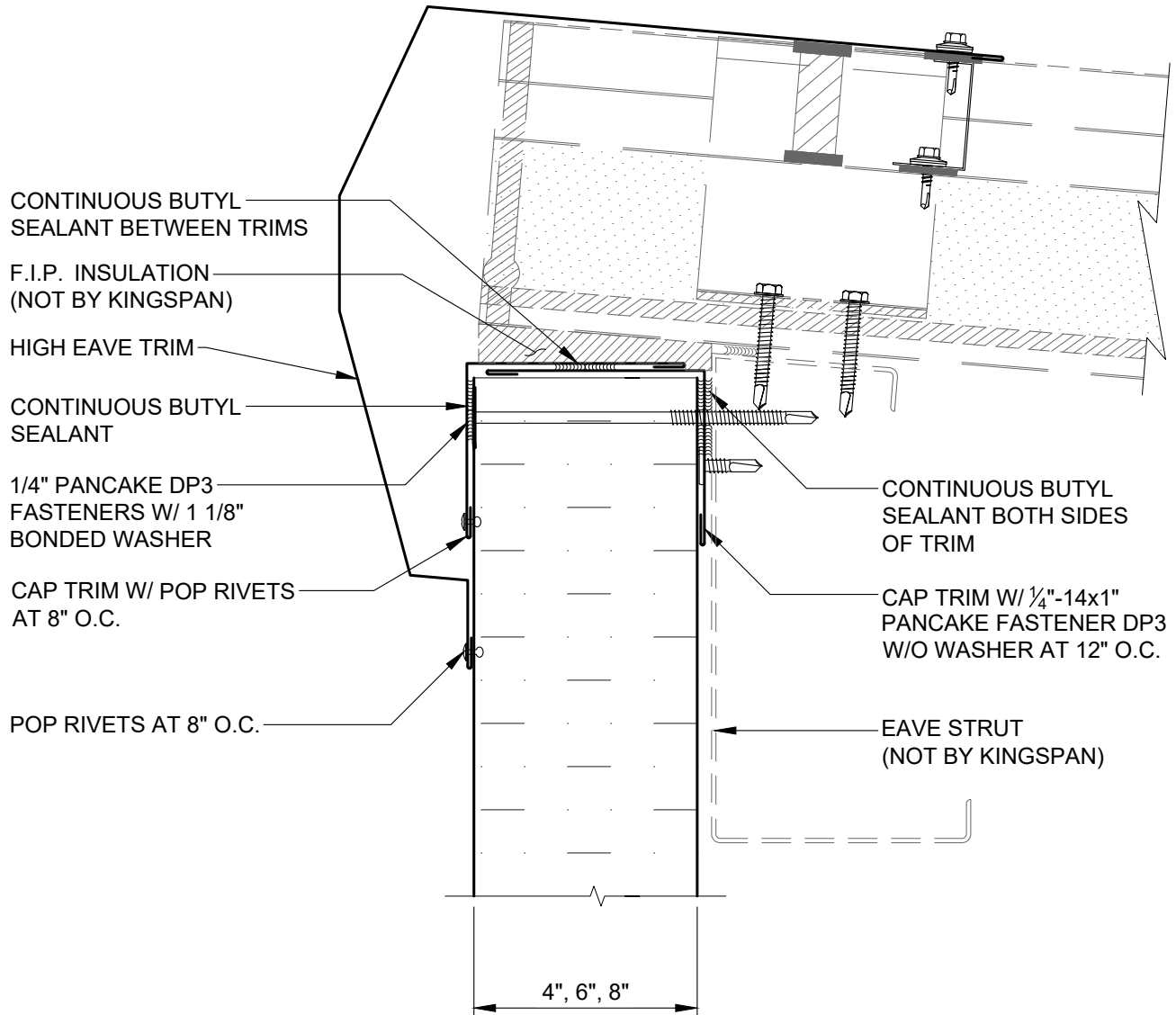
REGION: NORTH AMERICA

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K-ROC QT SERIES PANELS - NON FIRE RATED

NOTE: REFER TO ROOF DETAILS
FOR ROOF INSTALLATION



REVISION

REVISION #	DATE
1	9/19/25

WALL TO ROOF W/ HIGH EAVE TRIM

DETAIL #: CI-WR-03-K-ROC-H

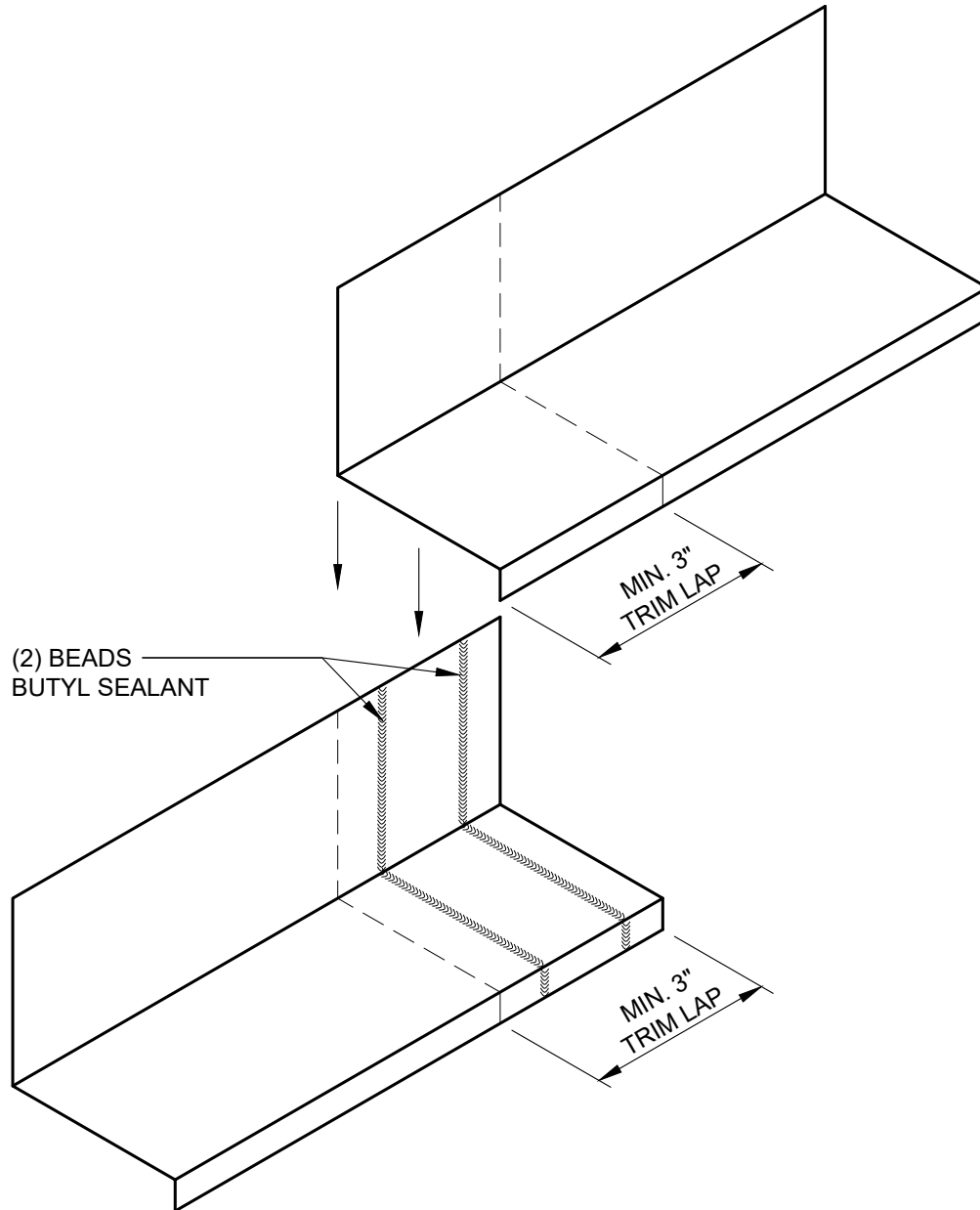
RELEASE: 2025

REGION: NORTH AMERICA

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K-ROC QT SERIES PANELS - NON FIRE RATED



REVISION	
REVISION #	DATE
1	9/19/25

TRIM END LAP

DETAIL #: CI-TL-01-K-ROC-H

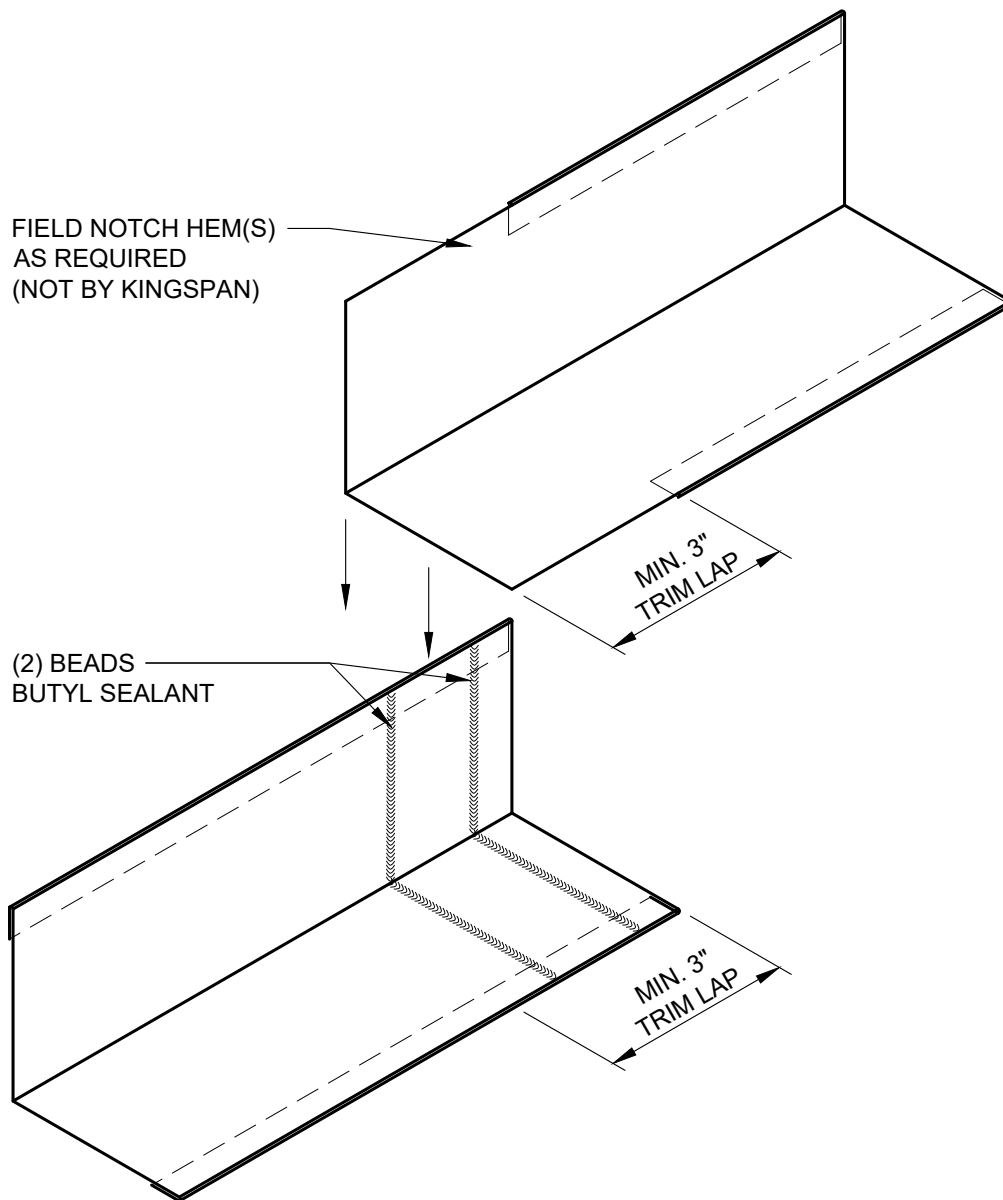
RELEASE: 2025

REGION: NORTH AMERICA

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K-ROC QT SERIES PANELS - NON FIRE RATED



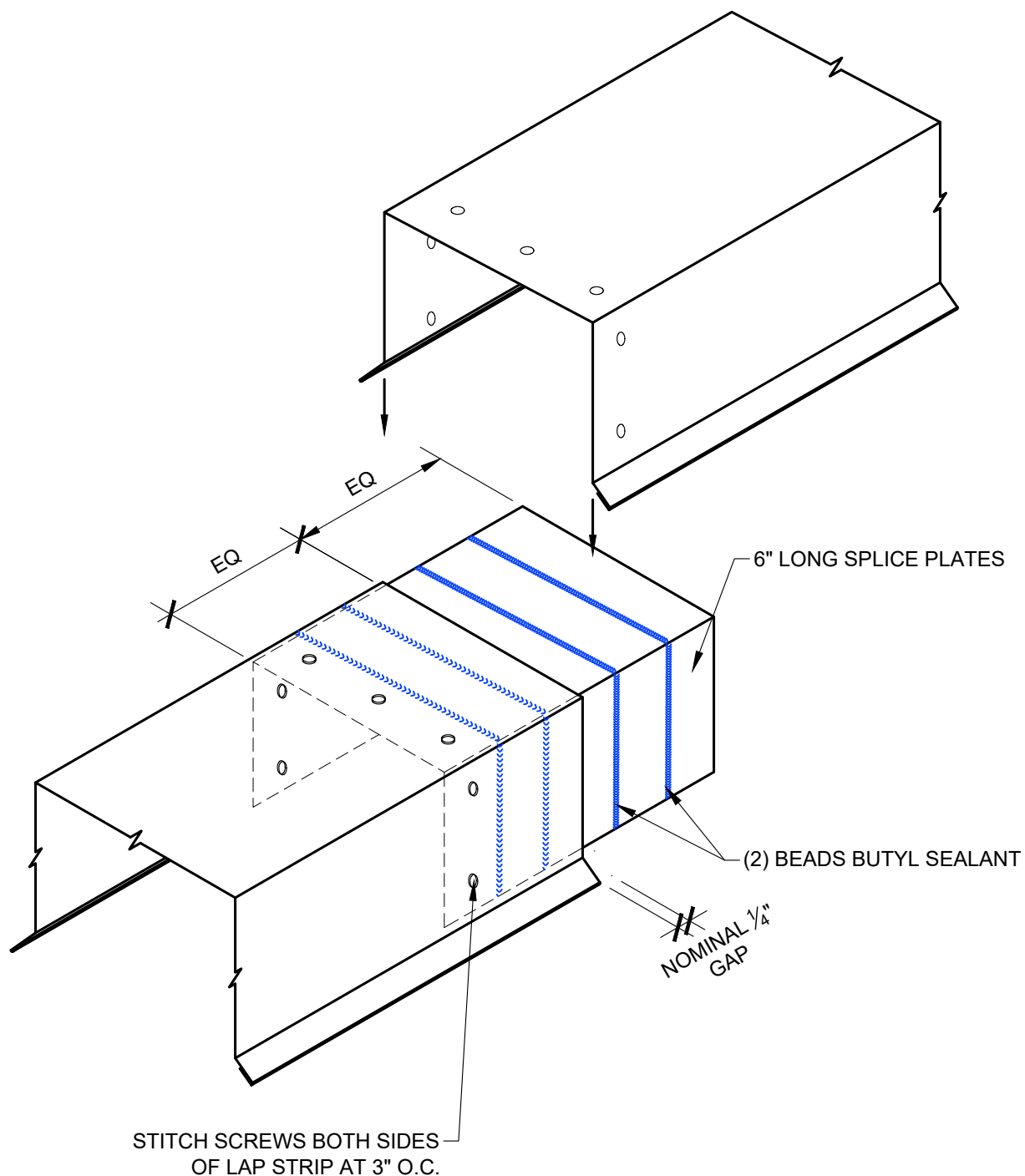
REVISION	
REVISION #	DATE
1	9/19/25

TRIM END LAP WITH HEM

DETAIL #: CI-TL-02-K-ROC-H
RELEASE: 2025
REGION: NORTH AMERICA
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K-ROC QT SERIES PANELS - NON FIRE RATED



REVISION	
REVISION #	DATE
1	9/19/25

PARAPET TRIM END LAP W/ LAP STRIP

DETAIL #: CI-TL-03-K-ROC-H

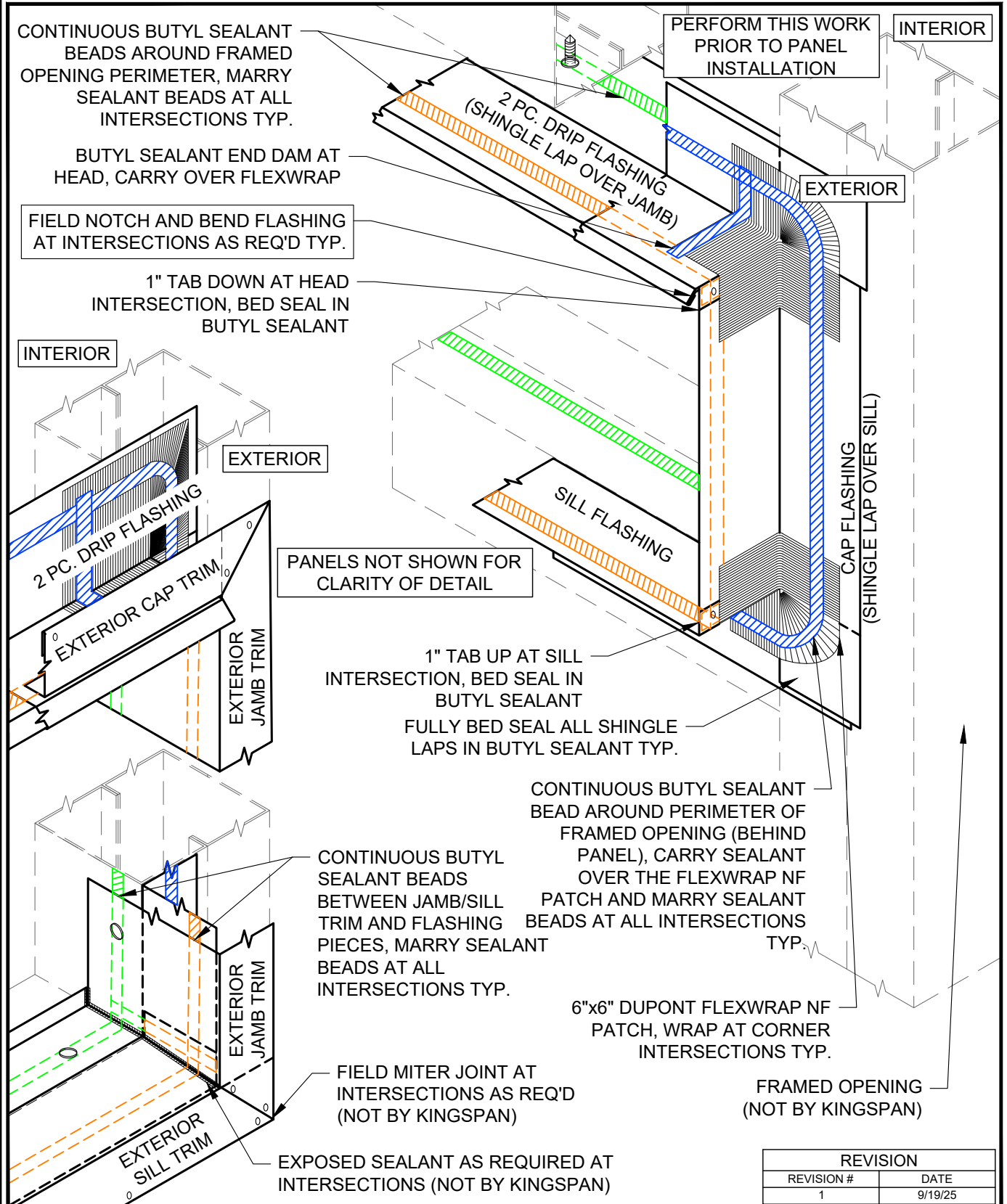
RELEASE: 2025

REGION: NORTH AMERICA

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K-ROC QT SERIES PANELS - NON FIRE RATED



TRIM AT FRAMED OPENING

DETAIL #: CI-TL-04-K-ROC-H

RELEASE: 2025

REGION: NORTH AMERICA

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K-ROC QT SERIES PANELS - NON FIRE RATED

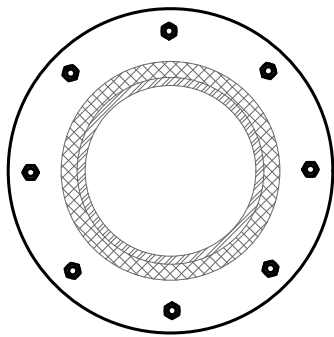
AVOID LOCATING PENETRATIONS AT JOINT LOCATIONS

MIN. 26 GA. METAL
SLEEVE W/ SEALANT
AND POP RIVETS AT 8"
O.C.

BUTYL SEALANT
PERIMETER OF
PENETRATION

SILICONE SEALANT
PERIMETER OF
STEEL PIPE
PENETRATION
(NOT BY KINGSPAN)

METAL SLEEVE ON SITE
TO FIT



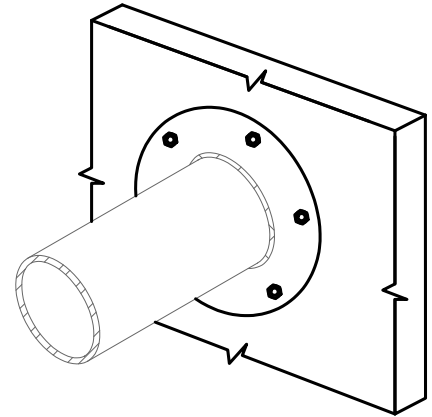
STEEL PIPE

BUTYL SEALANT PERIMETER
OF PENETRATION

MIN. 4 PCF COMPRESSED
MINERAL FIBER

BUTYL SEALANT
PERIMETER OF
PENETRATION

4", 6", 8"



REVISION

REVISION #	DATE
1	9/19/25

STRUCTURAL MEMBER PENETRATION

DETAIL #: CI-PN-01-K-ROC-H

RELEASE: 2025

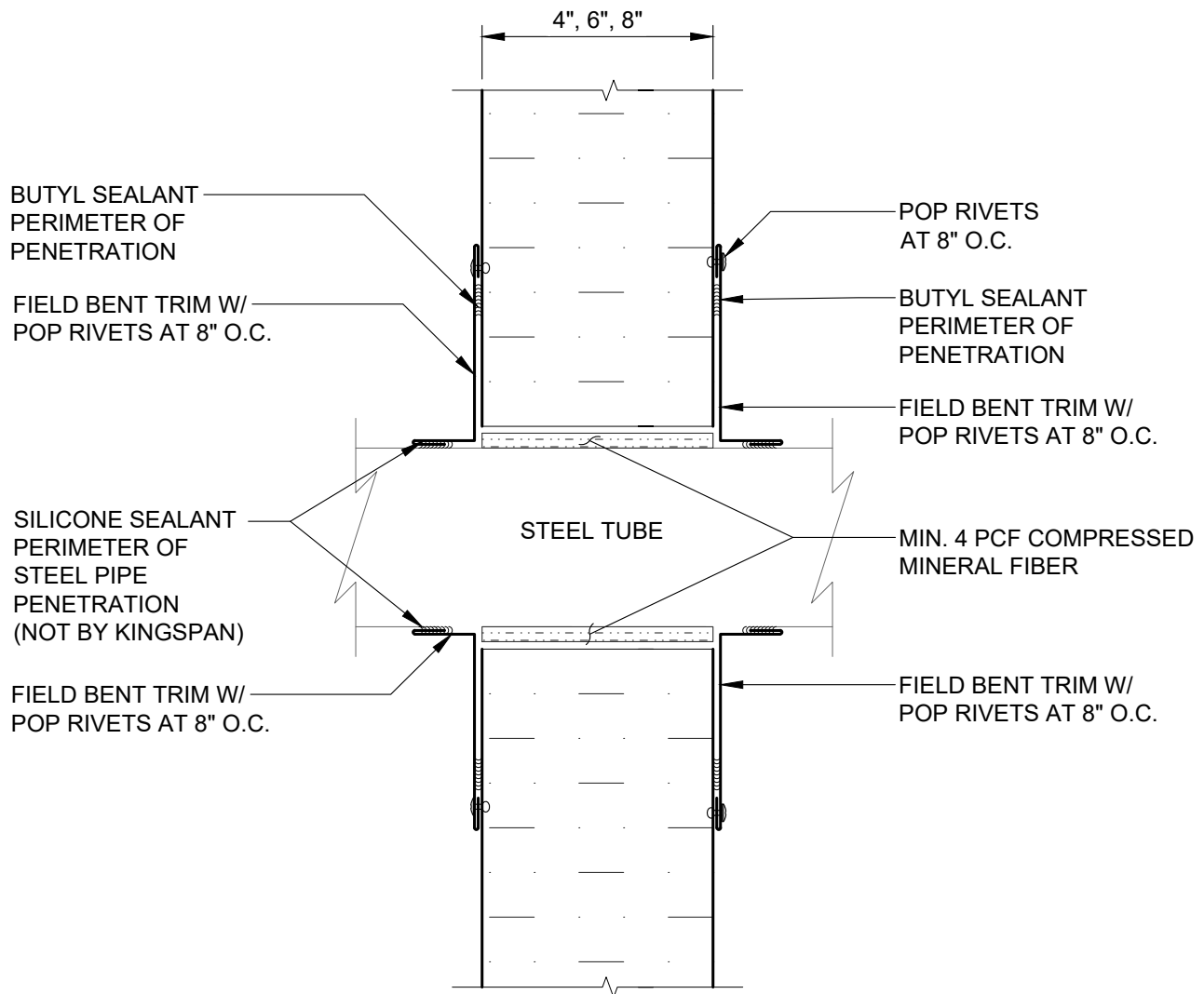
REGION: NORTH AMERICA

www.kingspanpanels.com

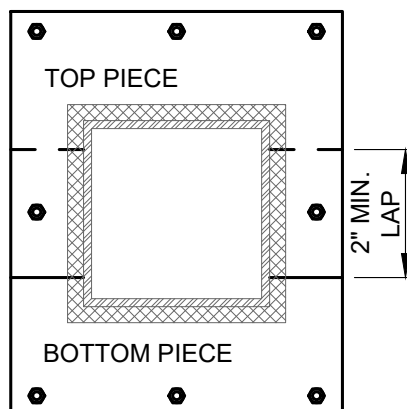


K-ROC QT SERIES PANELS - NON FIRE RATED

AVOID LOCATING PENETRATIONS AT JOINT LOCATIONS



CUT TRIMS ON SITE TO FIT



REVISION	
REVISION #	DATE
1	9/19/25

STRUCTURAL MEMBER PENETRATION

DETAIL #: CI-PN-02-K-ROC-H

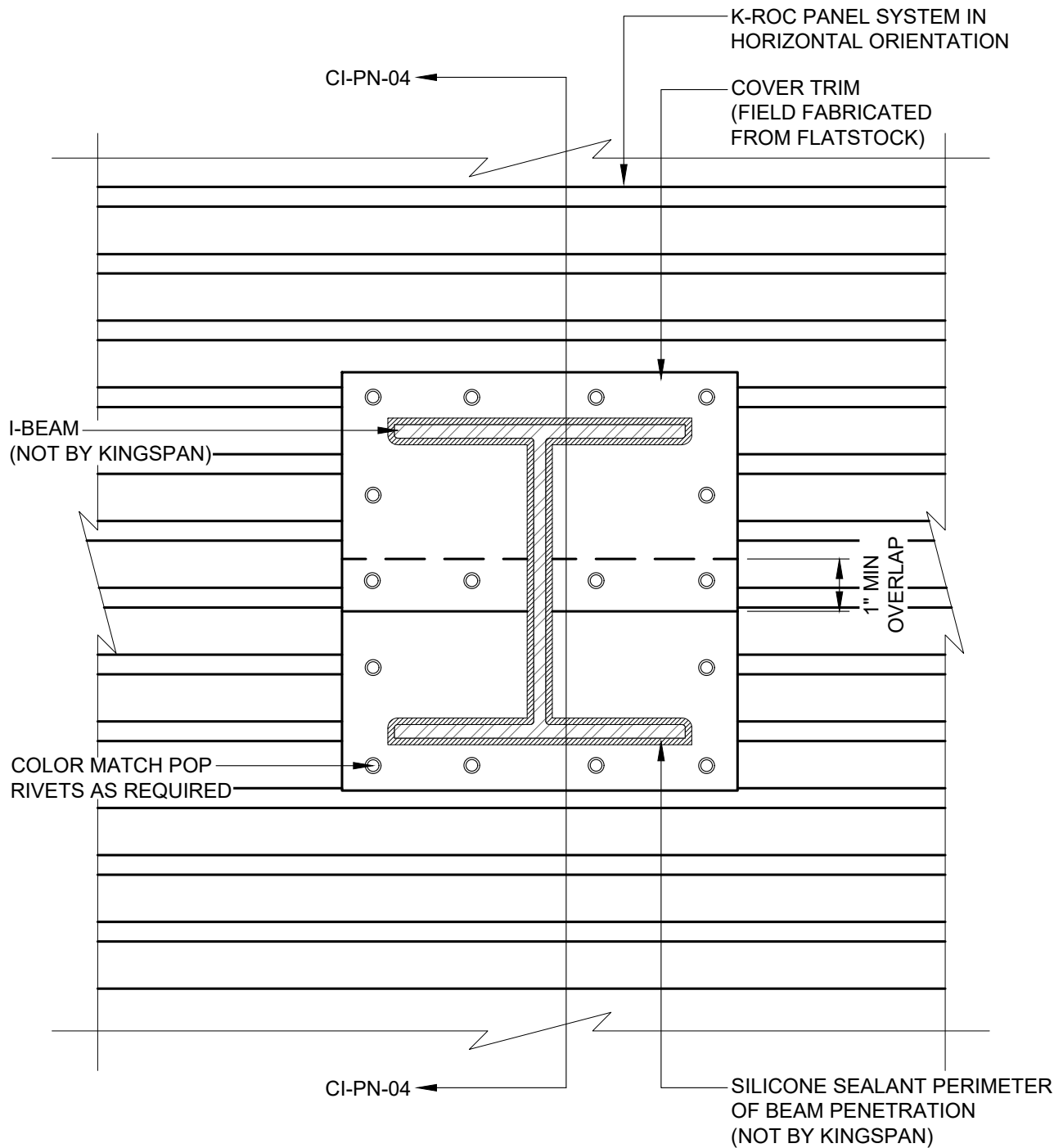
RELEASE: 2025

REGION: NORTH AMERICA

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K-ROC QT SERIES PANELS - NON FIRE RATED



REVISION	
REVISION #	DATE
1	9/19/25

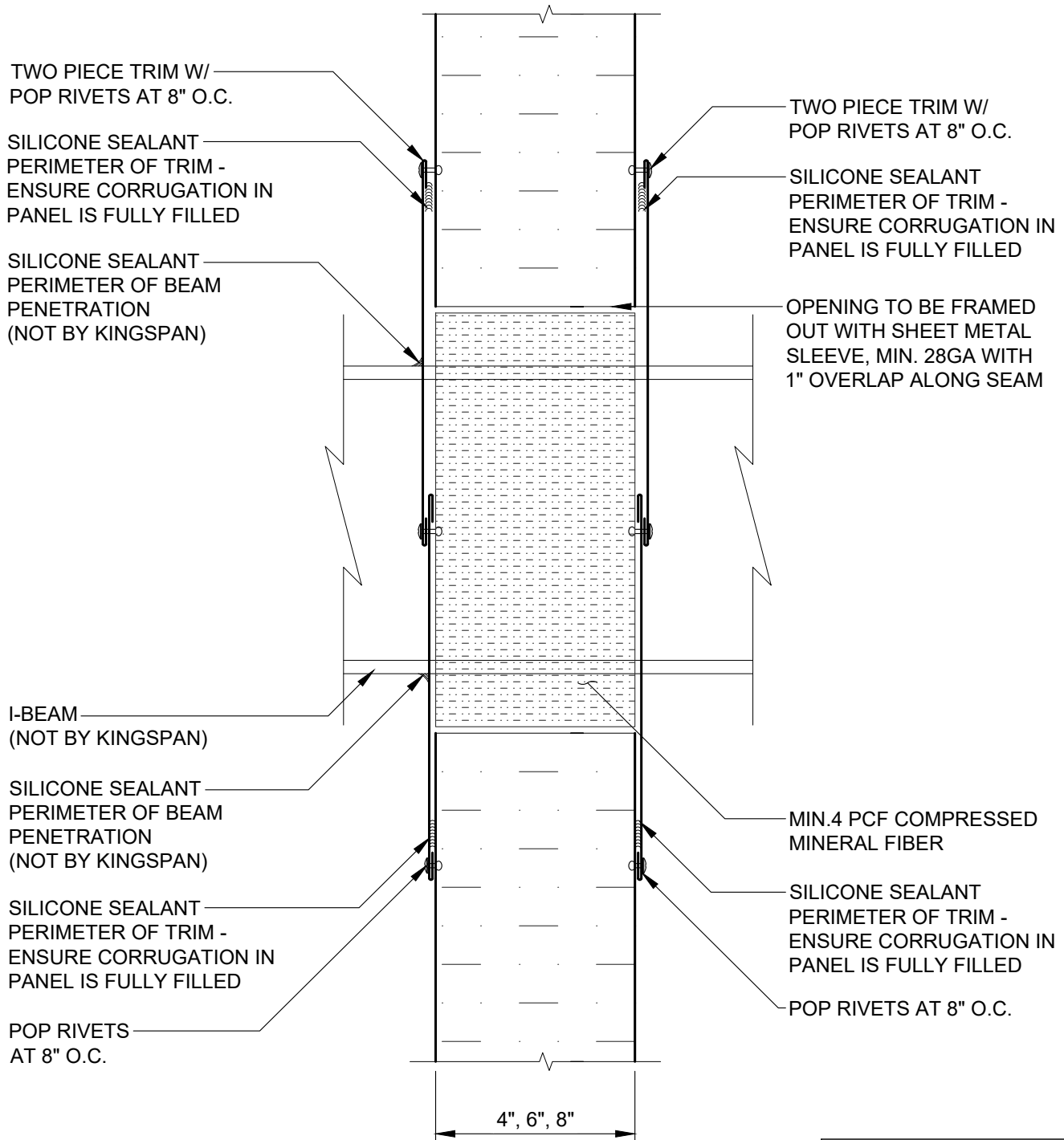
I-BEAM PENETRATION ELEVATION

DETAIL #: CI-PN-03-K-ROC-H
 RELEASE: 2025
 REGION: NORTH AMERICA
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K-ROC QT SERIES PANELS - NON FIRE RATED

AVOID LOCATING PENETRATIONS AT JOINT LOCATIONS



REVISION	
REVISION #	DATE
1	9/19/25

I-BEAM PENETRATION SECTION

DETAIL #: CI-PN-04-K-ROC-H

RELEASE: 2025

REGION: NORTH AMERICA

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