

K-ROC HF SERIES PANELS - FIRE RATED WALL

VERTICAL PANEL INSTALLATION

CLICK TO VIEW



REVISION

0	7/22/22
1	4/24/23
2	1/8/24
3	3/13/25
4	6/27/25
5	11/21/25

HF-DS-01-K-ROC-V	C & I DISCLAIMER
HF-PP-01-K-ROC-V	PANEL PROFILES
HF-PP-02-K-ROC-V	PANEL PROFILES
HF-PJ-01-K-ROC-V	4" PANEL JOINT
HF-PJ-02-K-ROC-V	6" PANEL JOINT
HF-PJ-03-K-ROC-V	8" PANEL JOINT
HF-PJ-04-K-ROC-V	4" SEALANTS IN JOINT
HF-PJ-05-K-ROC-V	6" SEALANTS IN JOINT
HF-PJ-06-K-ROC-V	8" SEALANTS IN JOINT
HF-FP-01-K-ROC-V	FASTENING PATTERNS
HF-FP-02-K-ROC-V	FASTENING PATTERNS ISOMETRIC
HF-BS-01-K-ROC-V	FLUSH BASE AT PANEL JOINT
HF-BS-02-K-ROC-V	FLUSH BASE AT MID PANEL
HF-BS-03-K-ROC-V	OVERHANG W/ BASE SUPPORT AT PANEL JOINT
HF-BS-04-K-ROC-V	OVERHANG W/ BASE SUPPORT AT MID PANEL
HF-OC-01-K-ROC-V	OUTSIDE CORNER W/ FLAT TRIM
HF-OC-02-K-ROC-V	OUTSIDE CORNER W/ PROFILED TRIM
HF-IC-01-K-ROC-V	INSIDE CORNER W/ FLAT TRIM
HF-IC-02-K-ROC-V	INSIDE CORNER W/ PROFILED TRIM
HF-IP-01-K-ROC-V	BASE DETAIL - PARTITION AT PANEL JOINT
HF-IP-02-K-ROC-V	BASE DETAIL - PARTITION AT MID PANEL
HF-IP-03-K-ROC-V	FIRE-RATED ASSEMBLY PARTITION WALL TO ROOF
HF-IP-04-K-ROC-V	INTERIOR PARTITION ENDWALL DETAIL

INDEX SHEET VERTICAL PANEL
INSTALLATION

DETAIL #: XX-XX-XX-K-ROC-V

RELEASE: 2025

REGION: NORTH AMERICA

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HF-FO-01-K-ROC-V	F.O. HEAD W/ FLAT TRIM AND DRIP EDGE AT PANEL JOINT
HF-FO-02-K-ROC-V	F.O. HEAD W/ FLAT TRIM AND DRIP EDGE AT MID PANEL
HF-FO-03-K-ROC-V	F.O. HEAD W/ PROFILED TRIM AND DRIP EDGE AT MID PANEL
HF-FO-04-K-ROC-V	F.O. JAMB W/ FLAT JAMB TRIM
HF-FO-05-K-ROC-V	F.O. JAMB W/ PROFILED JAMB TRIM
HF-FO-06-K-ROC-V	F.O. SILL W/ FLAT TRIM AT PANEL JOINT
HF-FO-07-K-ROC-V	F.O. SILL W/ FLAT TRIM AT MID PANEL
HF-FO-08-K-ROC-V	F.O. SILL W/ PROFILED TRIM AT MID PANEL
HF-SJ-01-K-ROC-V	FIRE RATED STACK JOINT AT PANEL JOINT
HF-SJ-02-K-ROC-V	FIRE RATED STACK JOINT AT MID PANEL
HF-PR-01-K-ROC-V	PARAPET W/ FLAT TRIM AT PANEL JOINT
HF-PR-02-K-ROC-V	PARAPET W/ FLAT TRIM AT MID PANEL
HF-PR-03-K-ROC-V	PARAPET W/ PROFILED TRIM AT PANEL JOINT
HF-PR-04-K-ROC-V	PARAPET W/ PROFILED TRIM AT MID PANEL
HF-WR-01-K-ROC-V	WALL TO ROOF W/ LOW EAVE TRIM AT PANEL JOINT
HF-WR-02-K-ROC-V	WALL TO ROOF W/ LOW EAVE TRIM AT MID PANEL
HF-WR-03-K-ROC-V	WALL TO ROOF W/ RAKE FASCIA TRIM AT PANEL JOINT
HF-WR-04-K-ROC-V	WALL TO ROOF W/ RAKE FASCIA TRIM AT MID PANEL
HF-WR-05-K-ROC-V	WALL TO ROOF W/ HIGH EAVE TRIM AT PANEL JOINT

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VERTICAL PANEL INSTALLATION

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HF-WR-06-K-ROC-V	WALL TO ROOF W/ HIGH EAVE TRIM AT MID PANEL
HF-TL-01-K-ROC-V	TRIM END LAP
HF-TL-02-K-ROC-V	TRIM END LAP W/ HEM
HF-TL-03-K-ROC-V	PARAPET TRIM END LAP W/ LAP STRIP
HF-TL-04-K-ROC-V	CAP TRIM AT FRAMED OPENING
HF-TL-05-K-ROC-V	TRIM AT FRAMED OPENING
HF-PN-01-K-ROC-V	STRUCTURAL MEMBER PENETRATION
HF-PN-02-K-ROC-V	STRUCTURAL MEMBER PENETRATION
HF-PN-03-K-ROC-V	I-BEAM PENETRATION ELEVATION
HF-PN-04-K-ROC-V	I-BEAM PENETRATION SECTION

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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. CLIMATIC 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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COMMERCIAL/INDUSTRIAL
DISCLAIMER

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K-ROC HF SERIES PANELS - FIRE RATED WALL

CORE DEPTHS:
4", 6", 8"

MODULE WIDTH:
42"

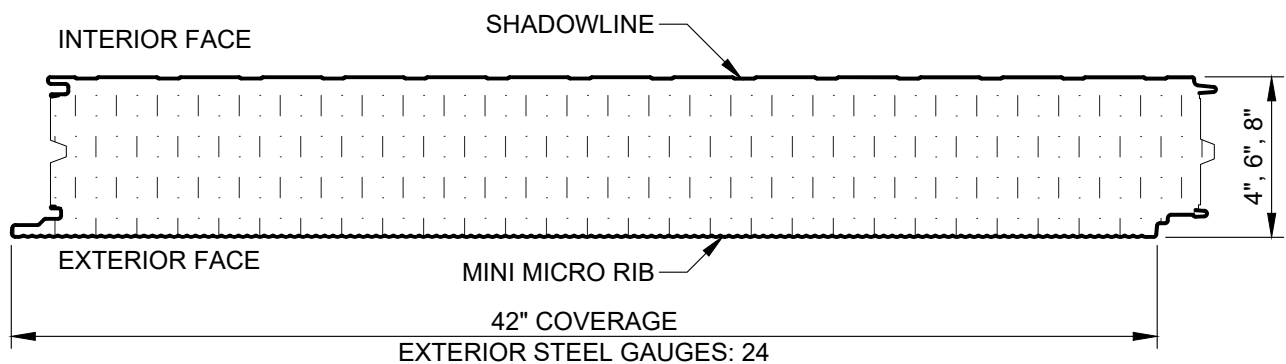
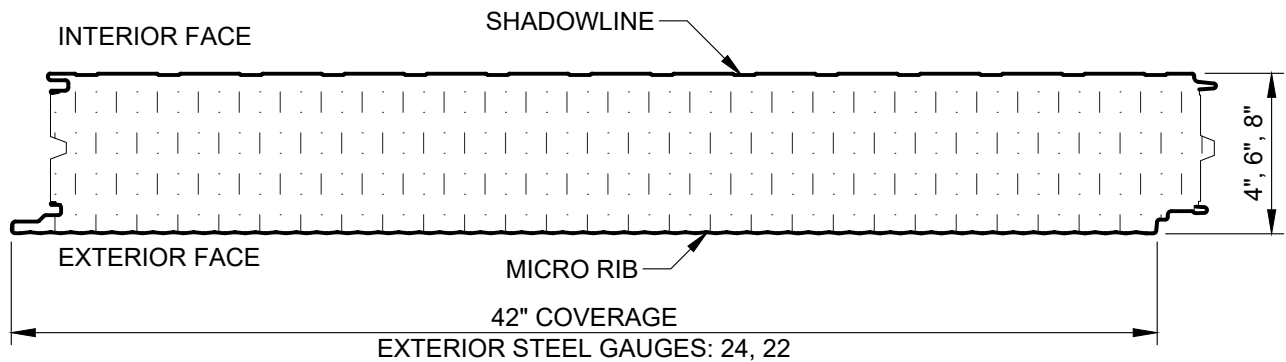
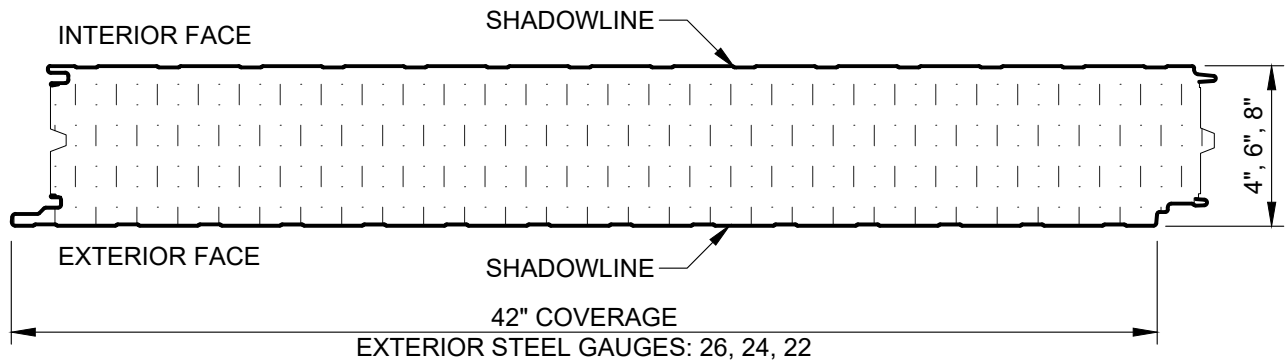
EMBOSSING:
EXTERIOR: STUCCO / NON-EMBOSSED
INTERIOR: NON-EMBOSSED

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

PANEL ORIENTATION:
VERTICAL

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

REVEAL OPTIONS: $\frac{1}{8}$ ", $\frac{3}{8}$ "



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PANEL PROFILES

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K-ROC HF SERIES PANELS - FIRE RATED WALL

CORE DEPTHS:
4", 6", 8"

MODULE WIDTH:
42"

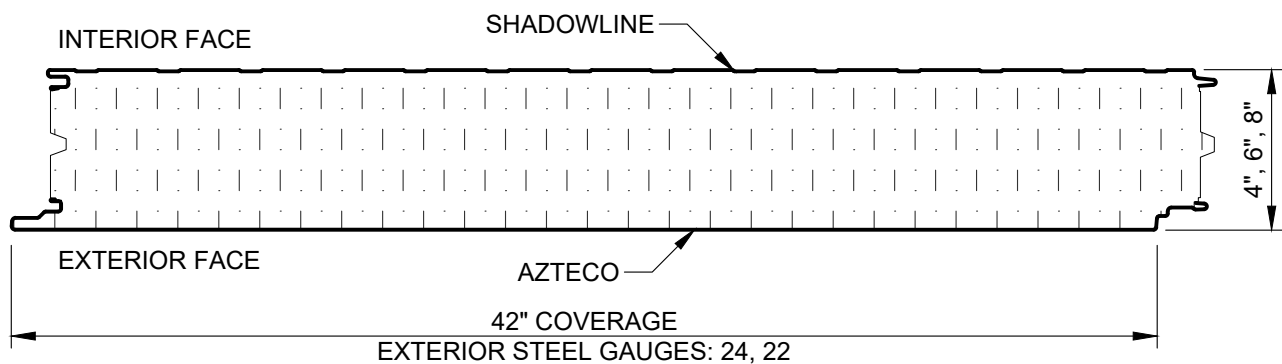
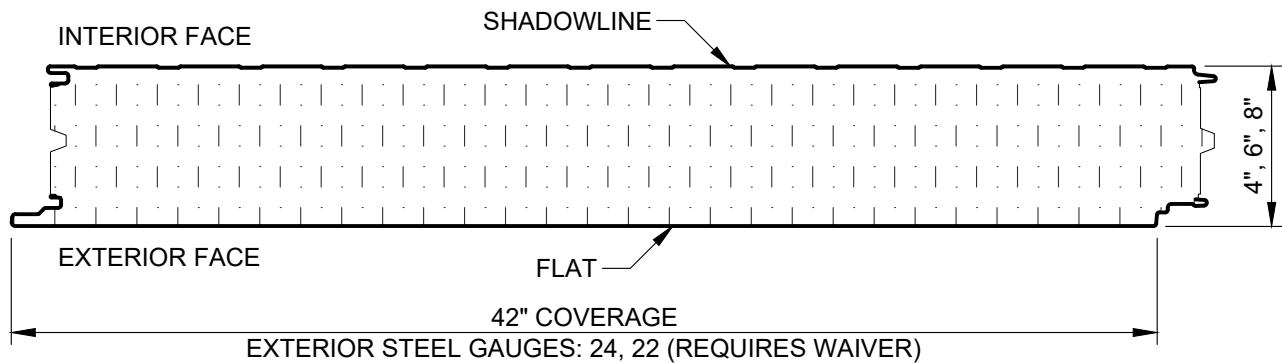
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EXTERIOR: STUCCO / NON-EMBOSSSED
INTERIOR: NON-EMBOSSSED

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

PANEL ORIENTATION:
VERTICAL

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

REVEAL OPTIONS: 1/8", 3/8"



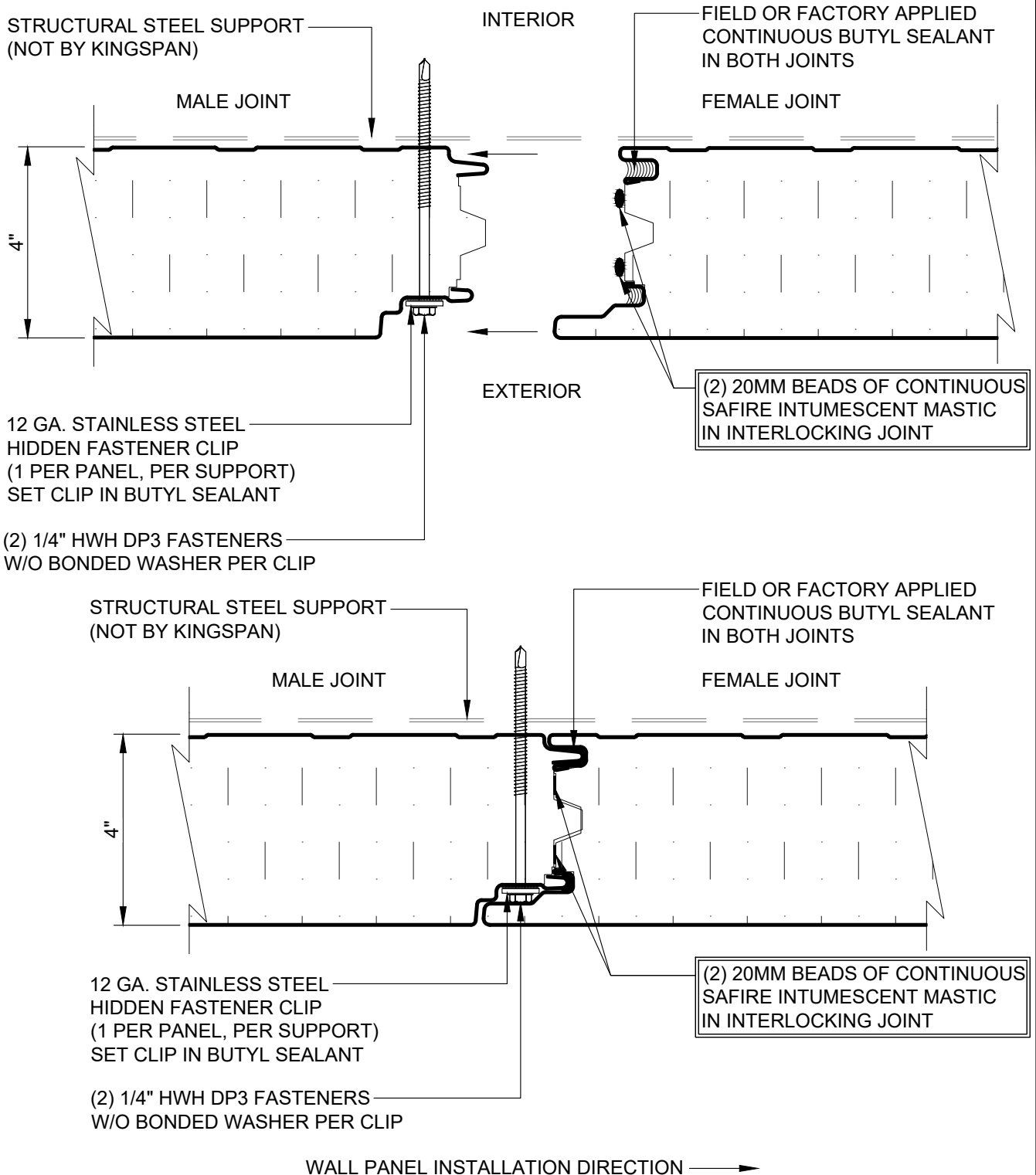
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PANEL PROFILES

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K-ROC HF SERIES PANELS - FIRE RATED WALL



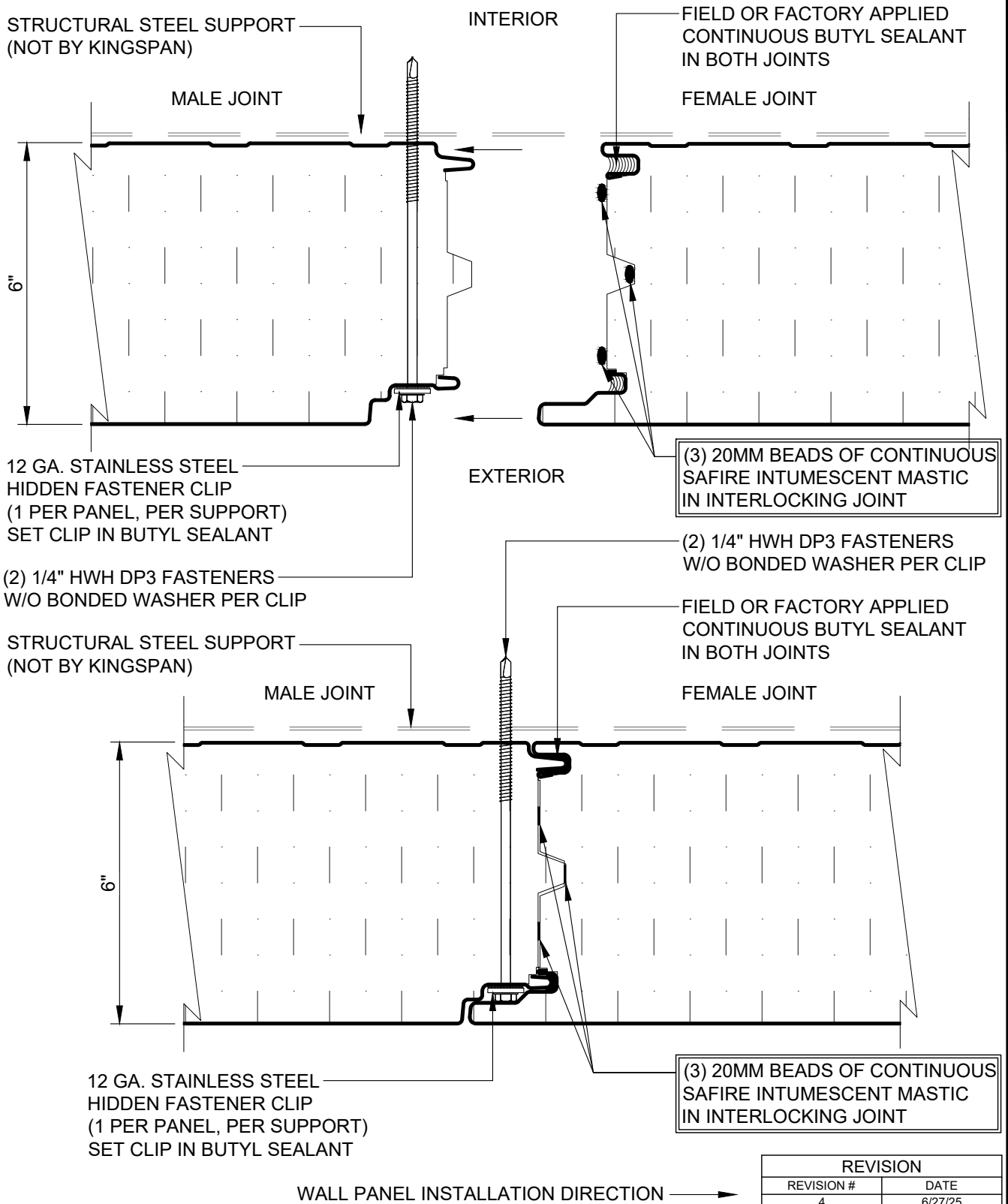
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K-ROC
4" PANEL JOINT

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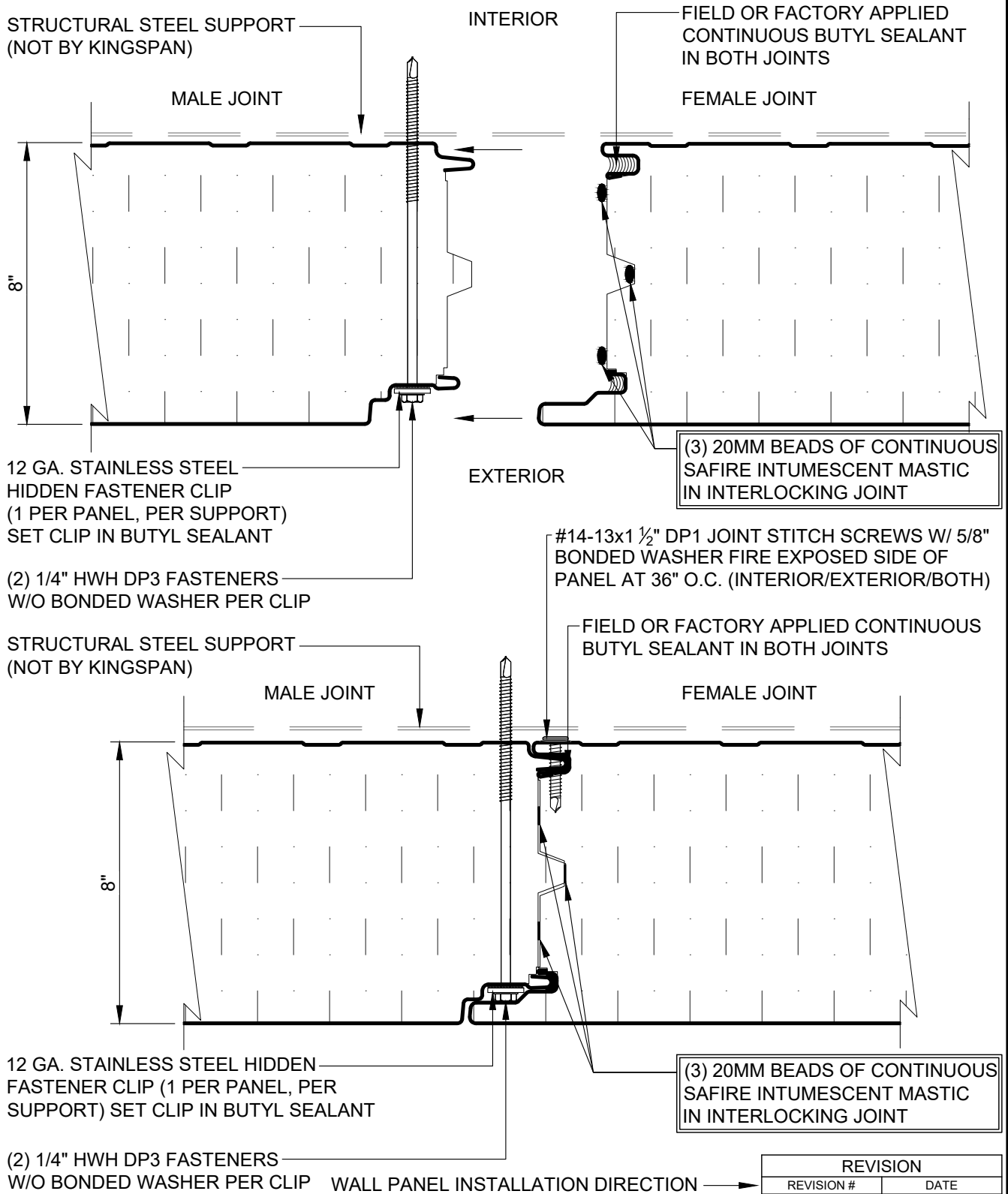


K-ROC
6" PANEL JOINT

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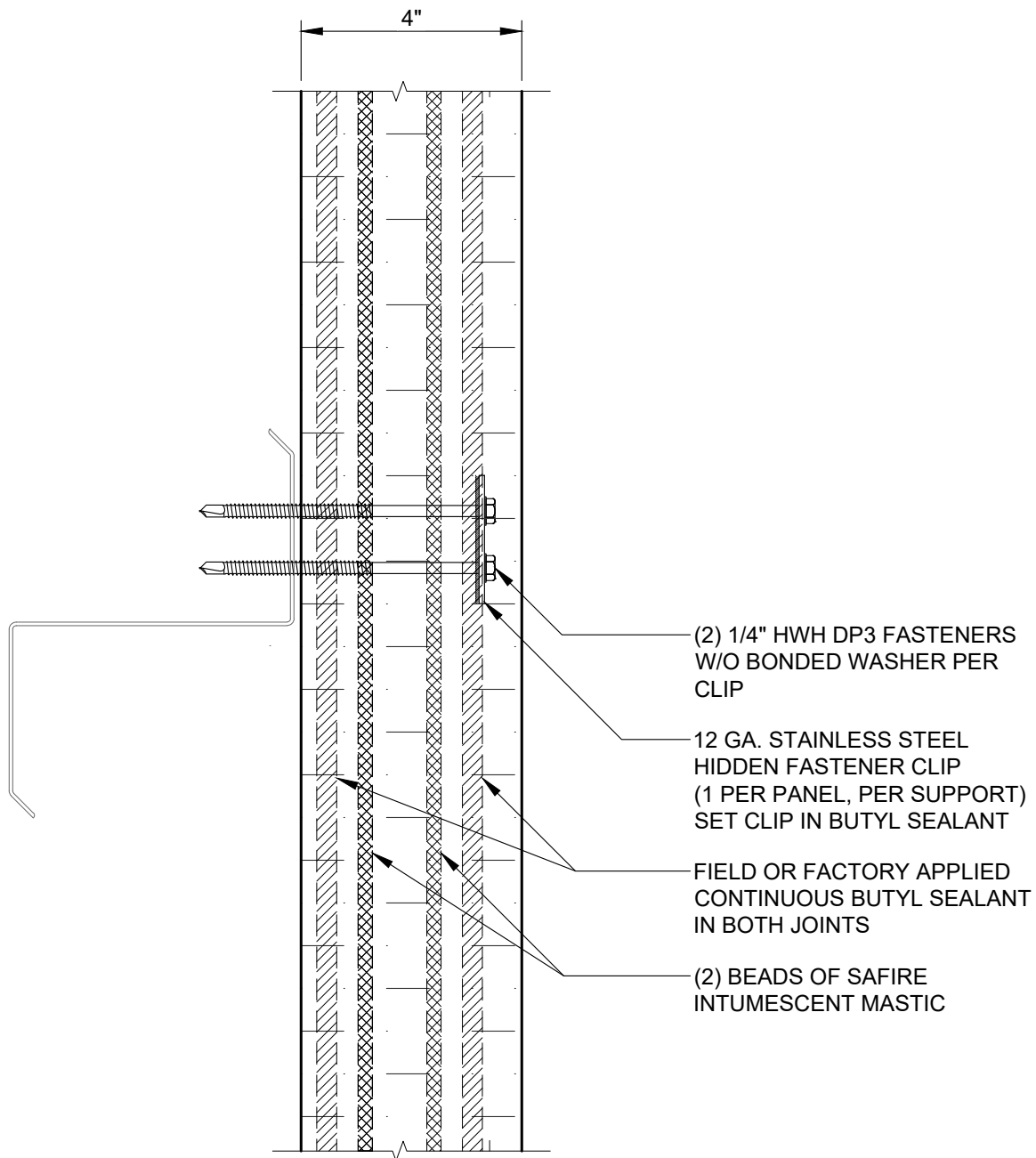


K-ROC
8" PANEL JOINT

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4" SEALANTS IN JOINT

DETAIL #: HF-PJ-04-K-ROC-V

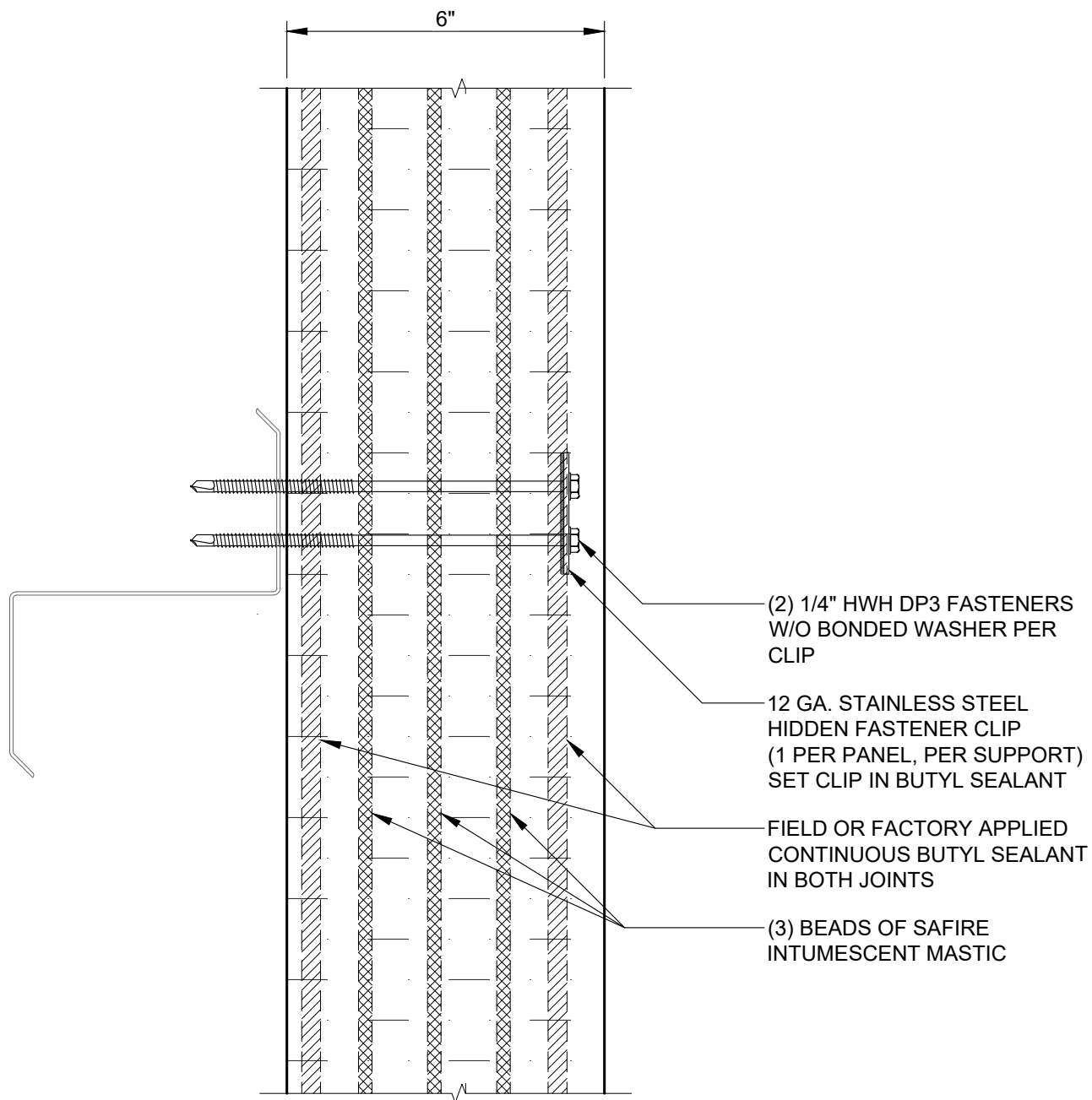
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6" SEALANTS IN JOINT

DETAIL #: HF-PJ-05-K-ROC-V

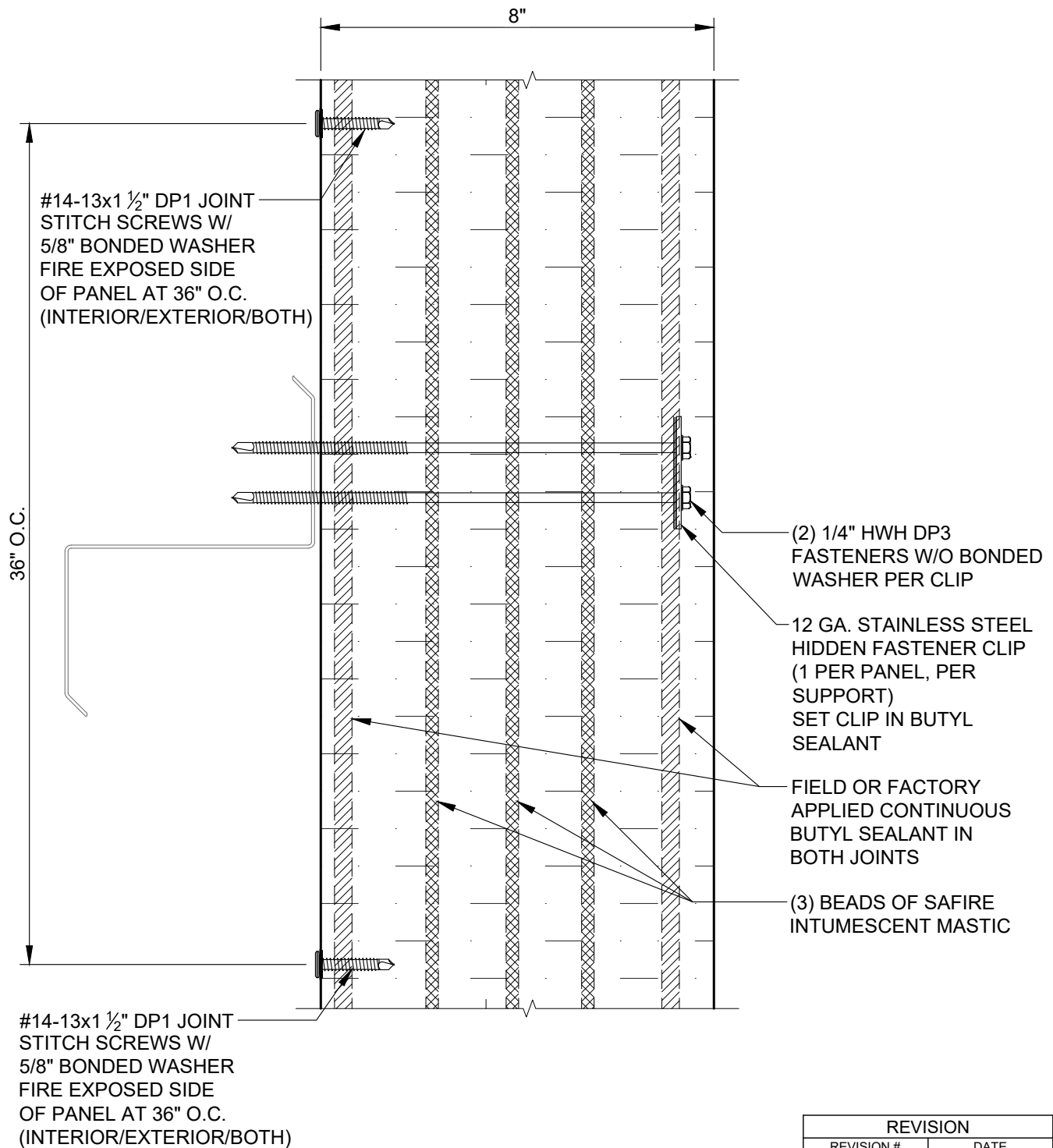
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8" SEALANTS IN JOINT

DETAIL #: HF-PJ-06-K-ROC-V

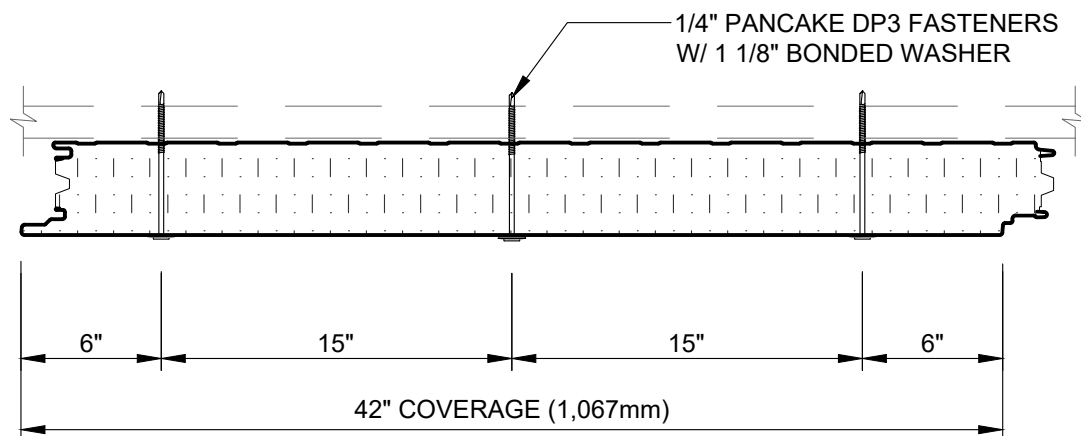
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REGION: NORTH AMERICA

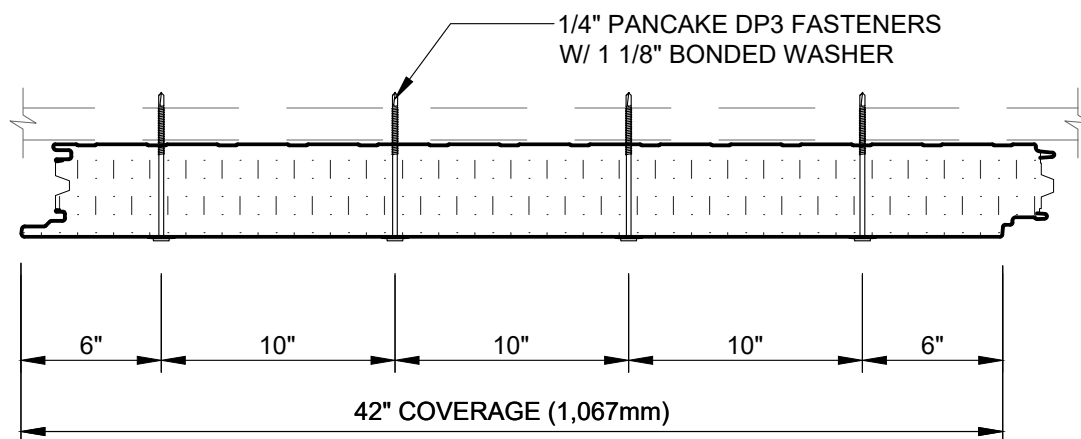
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K-ROC HF SERIES PANELS - FIRE RATED WALL



THROUGH FASTENING REQUIREMENTS
(3 - THROUGH FASTENER PATTERN EXAMPLE)



THROUGH FASTENING REQUIREMENTS
(4 - THROUGH FASTENER PATTERN EXAMPLE)

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FASTENING PATTERNS

DETAIL #: HF-FP-01-K-ROC-V

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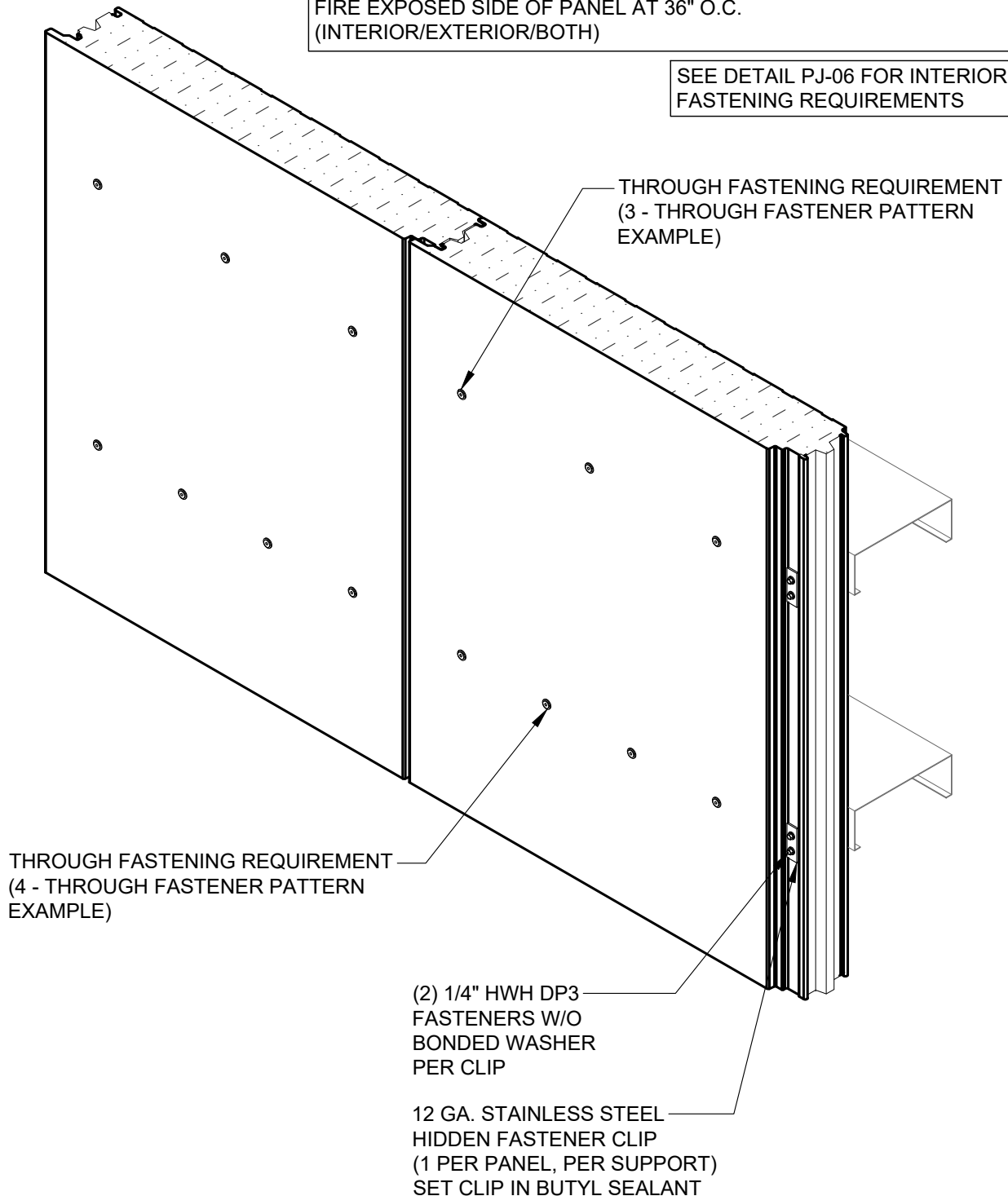


K-ROC HF SERIES PANELS - FIRE RATED WALL

8" PANEL REQUIREMENT:

#14-13x1 1/2" DP1 JOINT STITCH SCREWS W/ 5/8" BONDED WASHER
FIRE EXPOSED SIDE OF PANEL AT 36" O.C.
(INTERIOR/EXTERIOR/BOTH)

SEE DETAIL PJ-06 FOR INTERIOR
FASTENING REQUIREMENTS



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FASTENING PATTERNS ISOMETRIC

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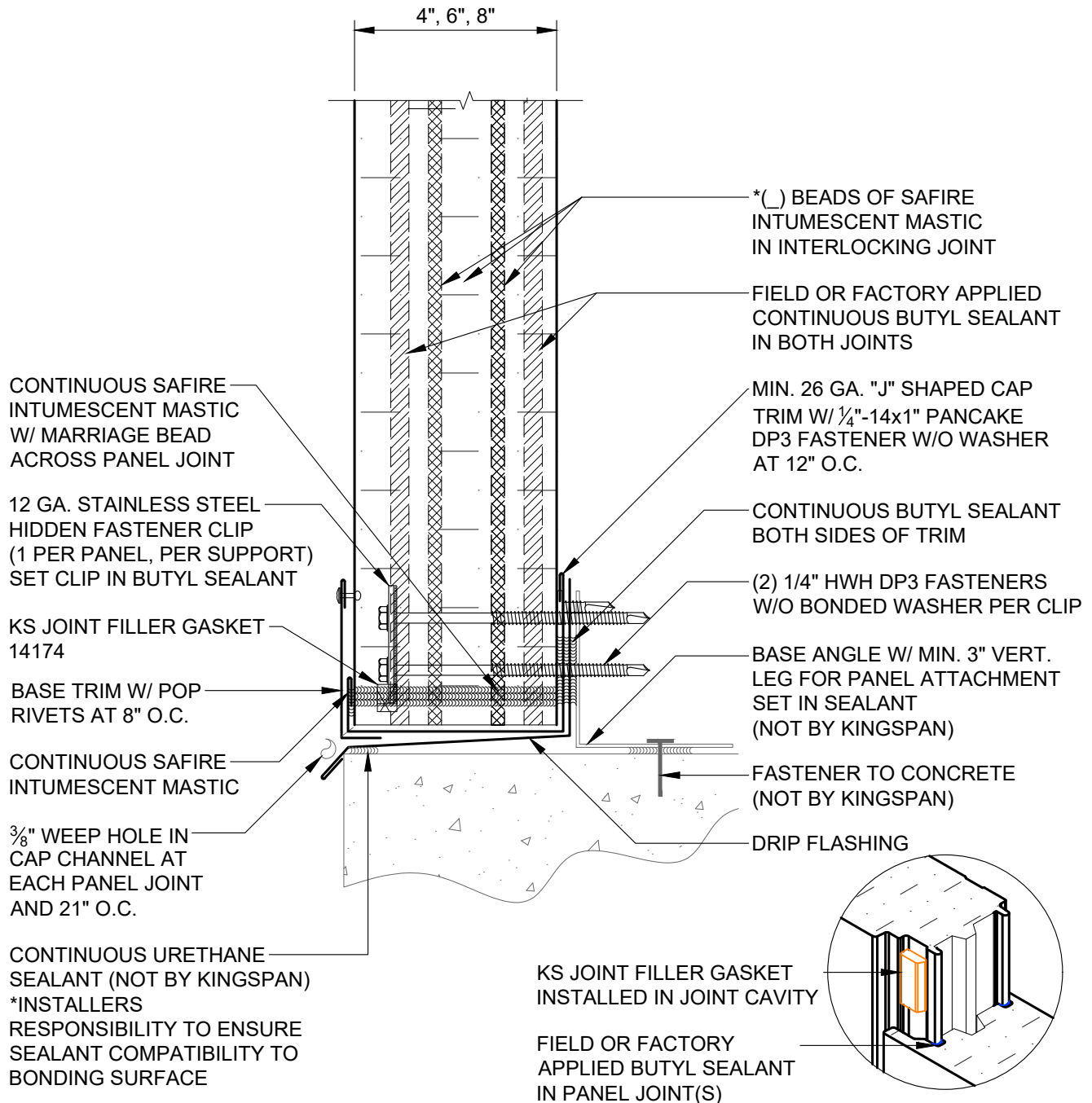
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K-ROC HF SERIES PANELS - FIRE RATED WALL

DETAIL DEPICTS PANEL SECTION AT PANEL JOINTS AND FASTENING REQUIREMENTS

*3 BEADS OF SAFIRE INTUMESCENT MASTIC REQUIRED FOR 6" AND 8" PANELS (SEE DETAILS PJ-02 - PJ-03 FOR REFERENCE)



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

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FLUSH BASE AT PANEL JOINT

DETAIL #: HF-BS-01-K-ROC-V

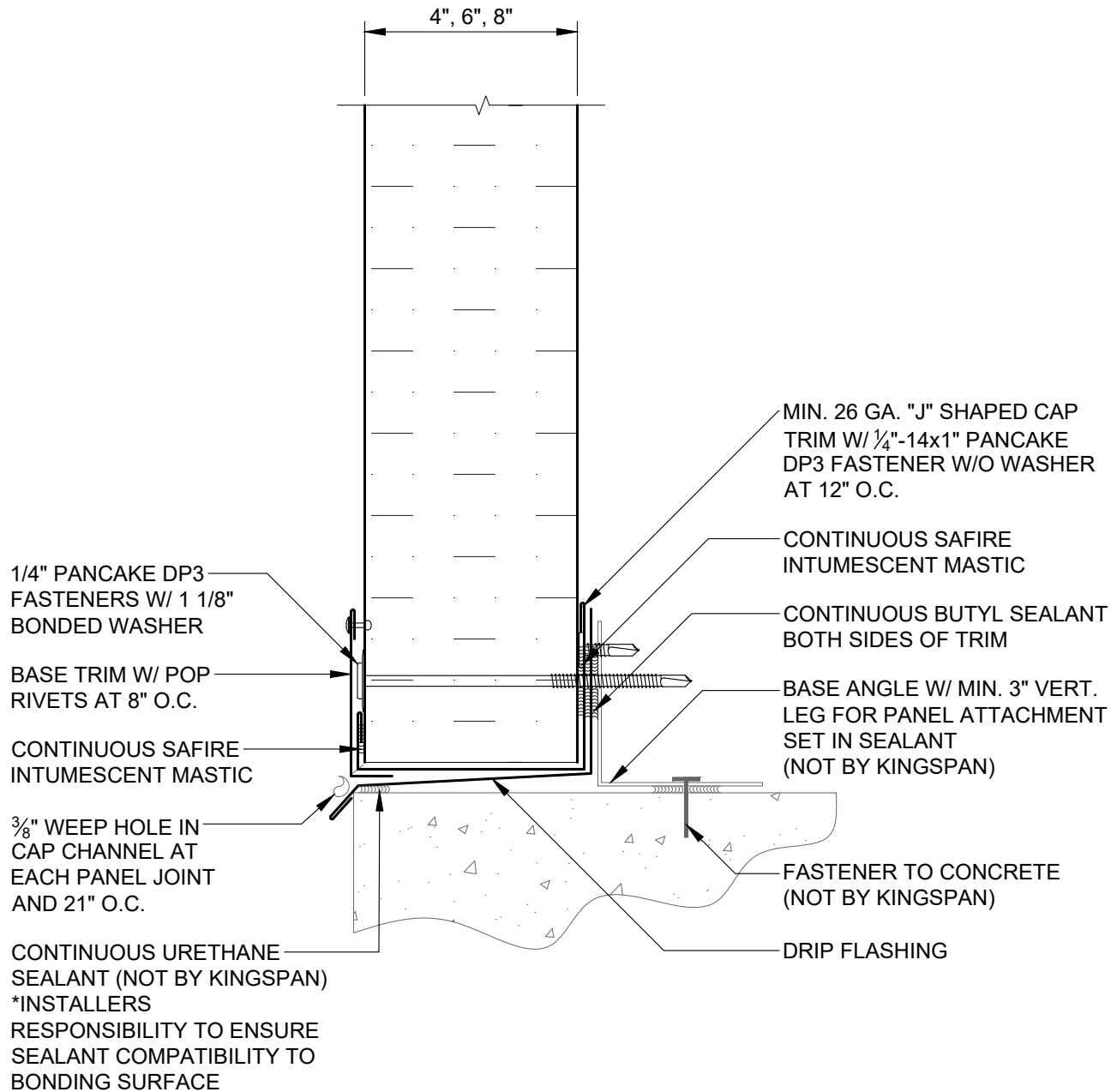
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K-ROC HF SERIES PANELS - FIRE RATED WALL



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

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FLUSH BASE AT MID PANEL

DETAIL #: HF-BS-02-K-ROC-V

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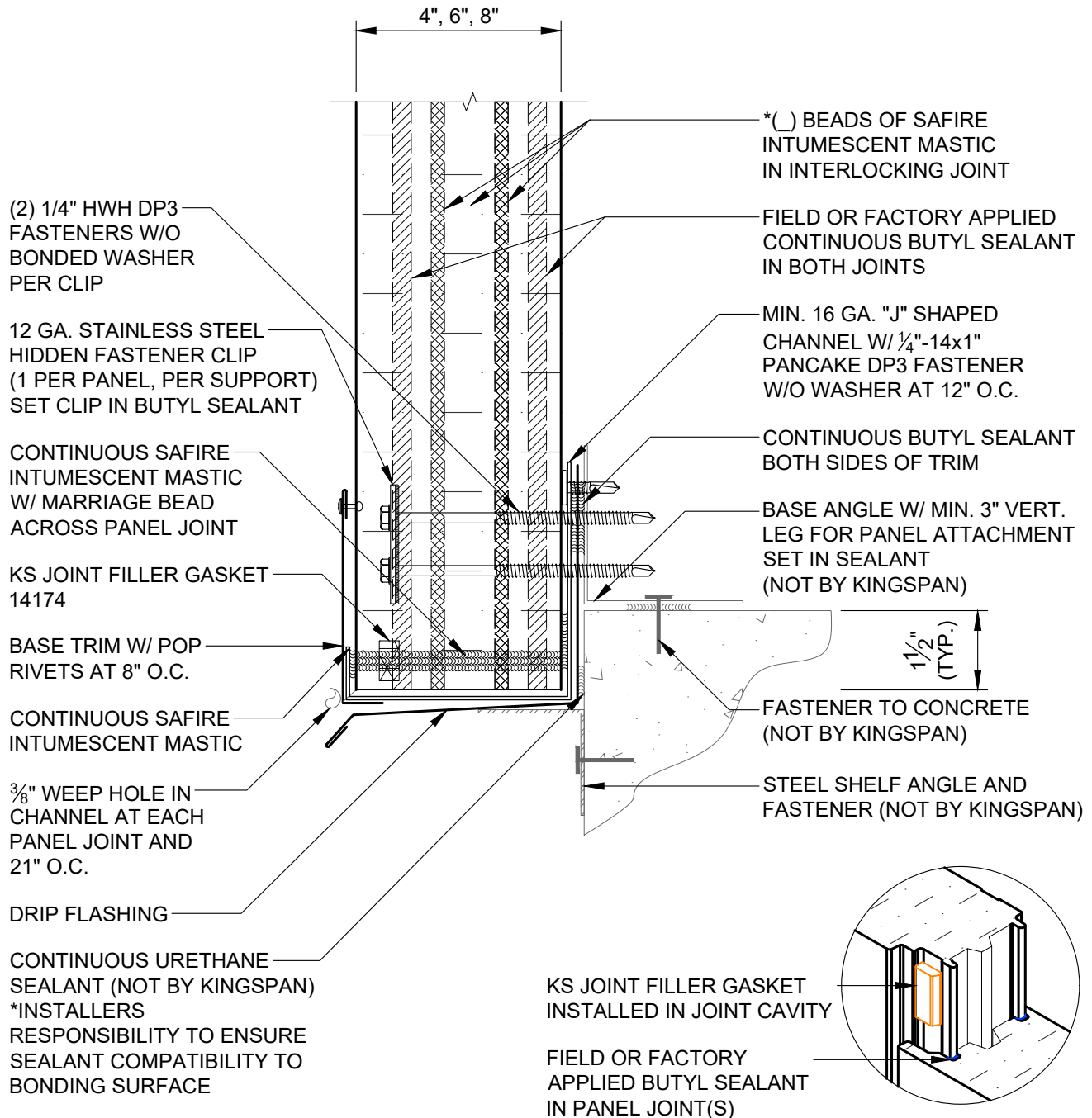
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K-ROC HF SERIES PANELS - FIRE RATED WALL

DETAIL DEPICTS PANEL SECTION AT PANEL JOINTS AND FASTENING REQUIREMENTS

*3 BEADS OF SAFIRE INTUMESCENT MASTIC REQUIRED FOR 6" AND 8" PANELS (SEE DETAILS PJ-02 - PJ-03 FOR REFERENCE)



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

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OVERHANG W/ BASE SUPPORT
AT PANEL JOINT

DETAIL #: HF-BS-03-K-ROC-V

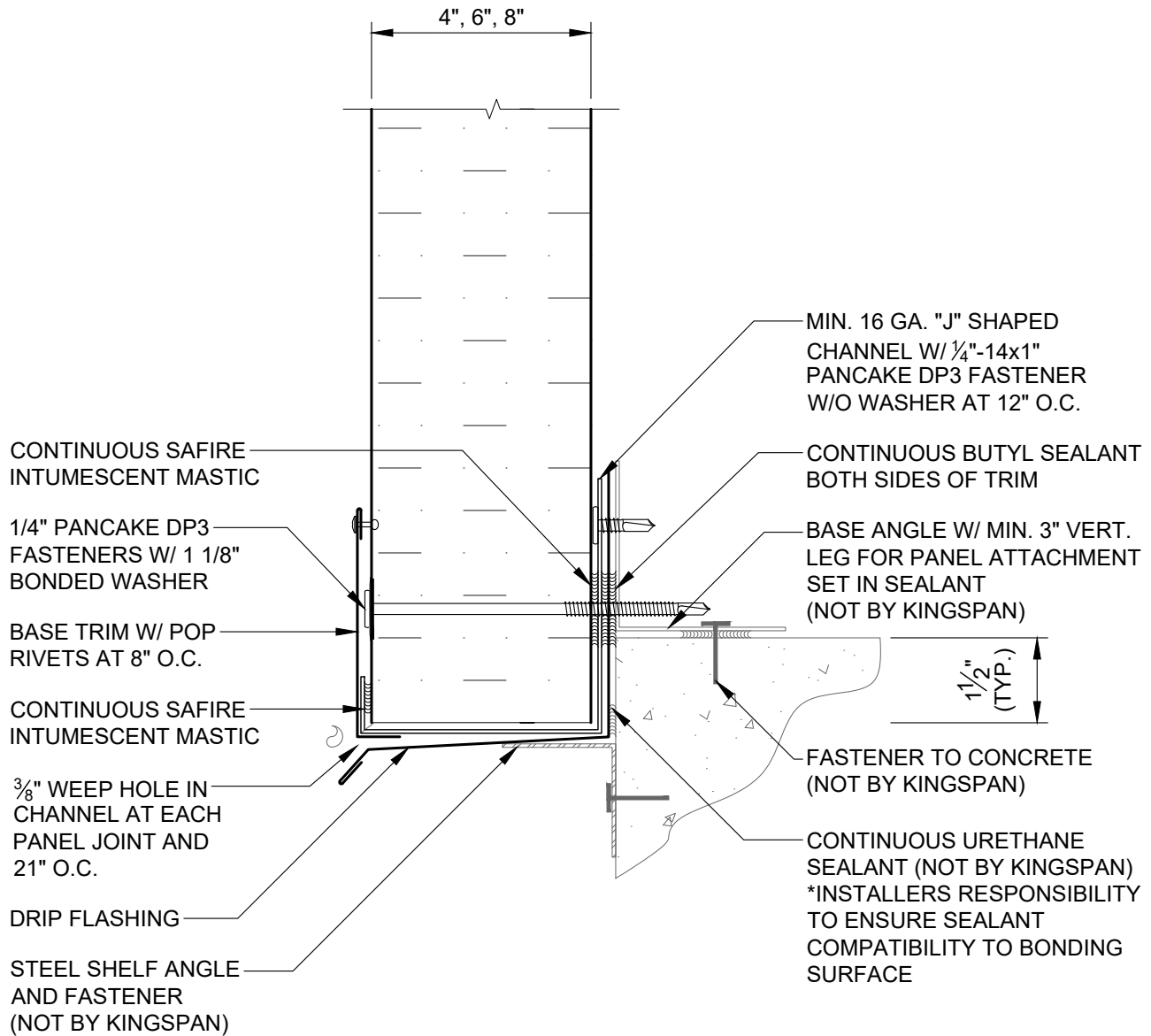
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K-ROC HF SERIES PANELS - FIRE RATED WALL



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

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OVERHANG W/ BASE SUPPORT
AT MID PANEL

DETAIL #: HF-BS-04-K-ROC-V

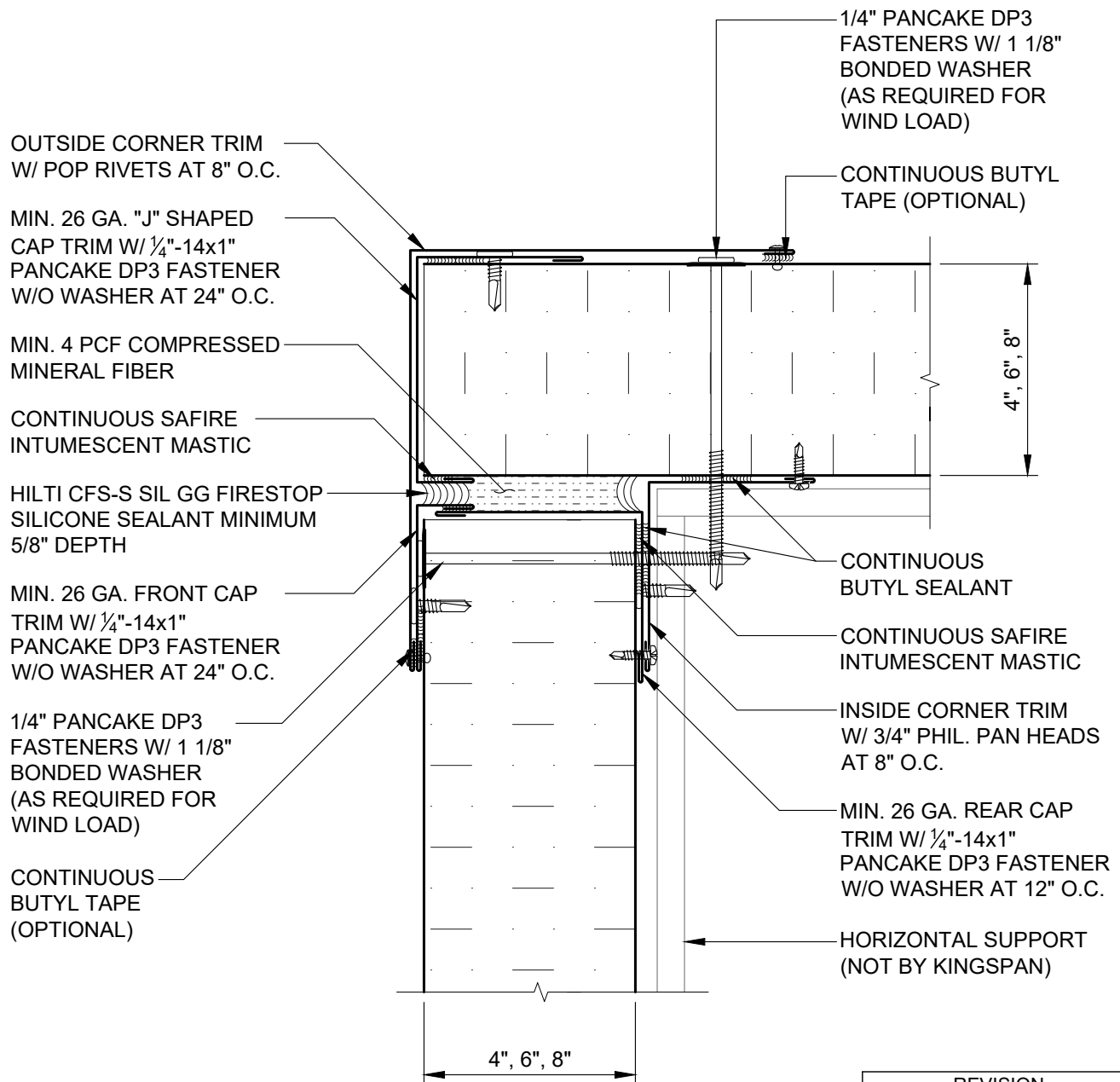
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OUTSIDE CORNER W/ FLAT TRIM

DETAIL #: HF-OC-01-K-ROC-V

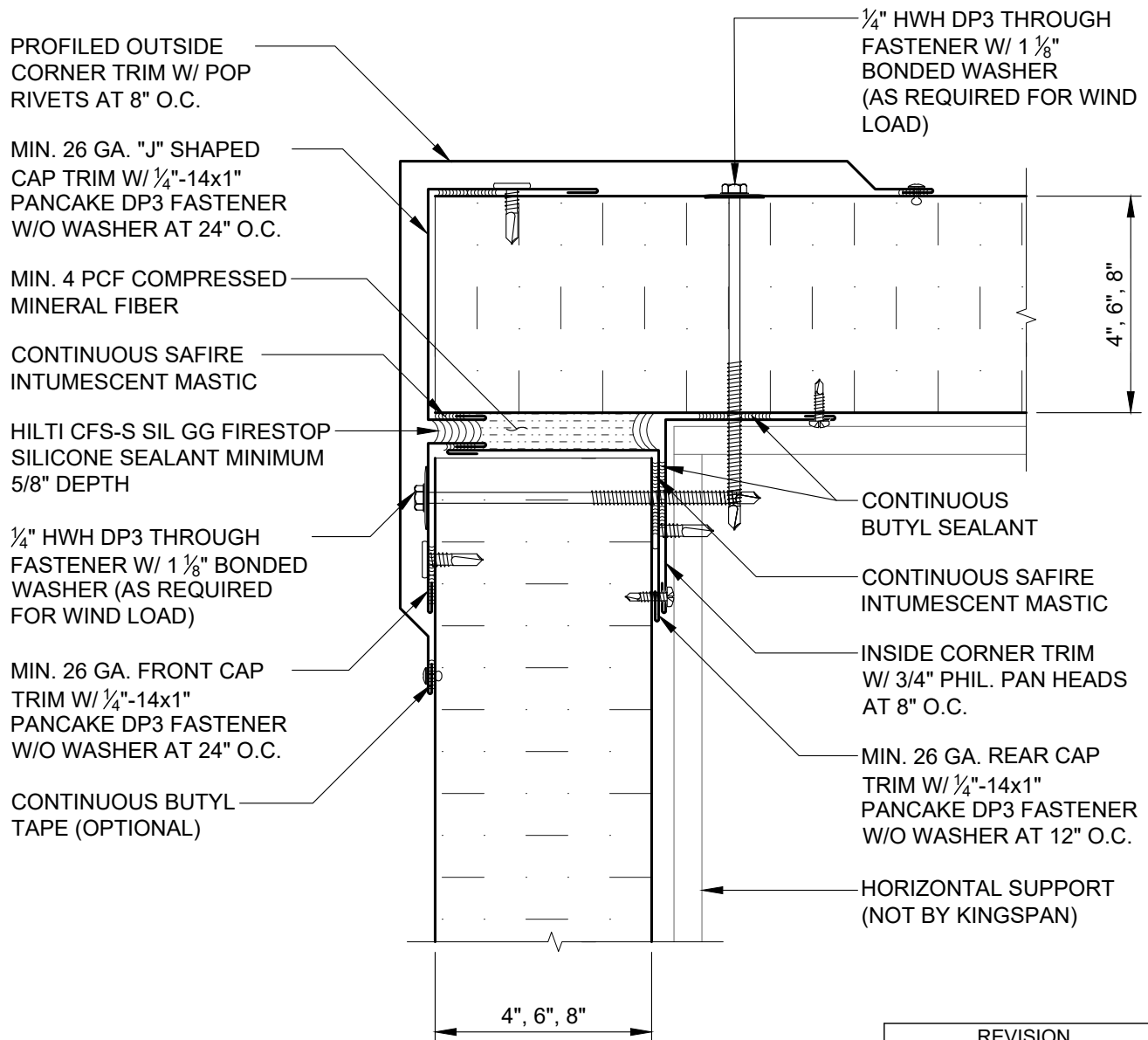
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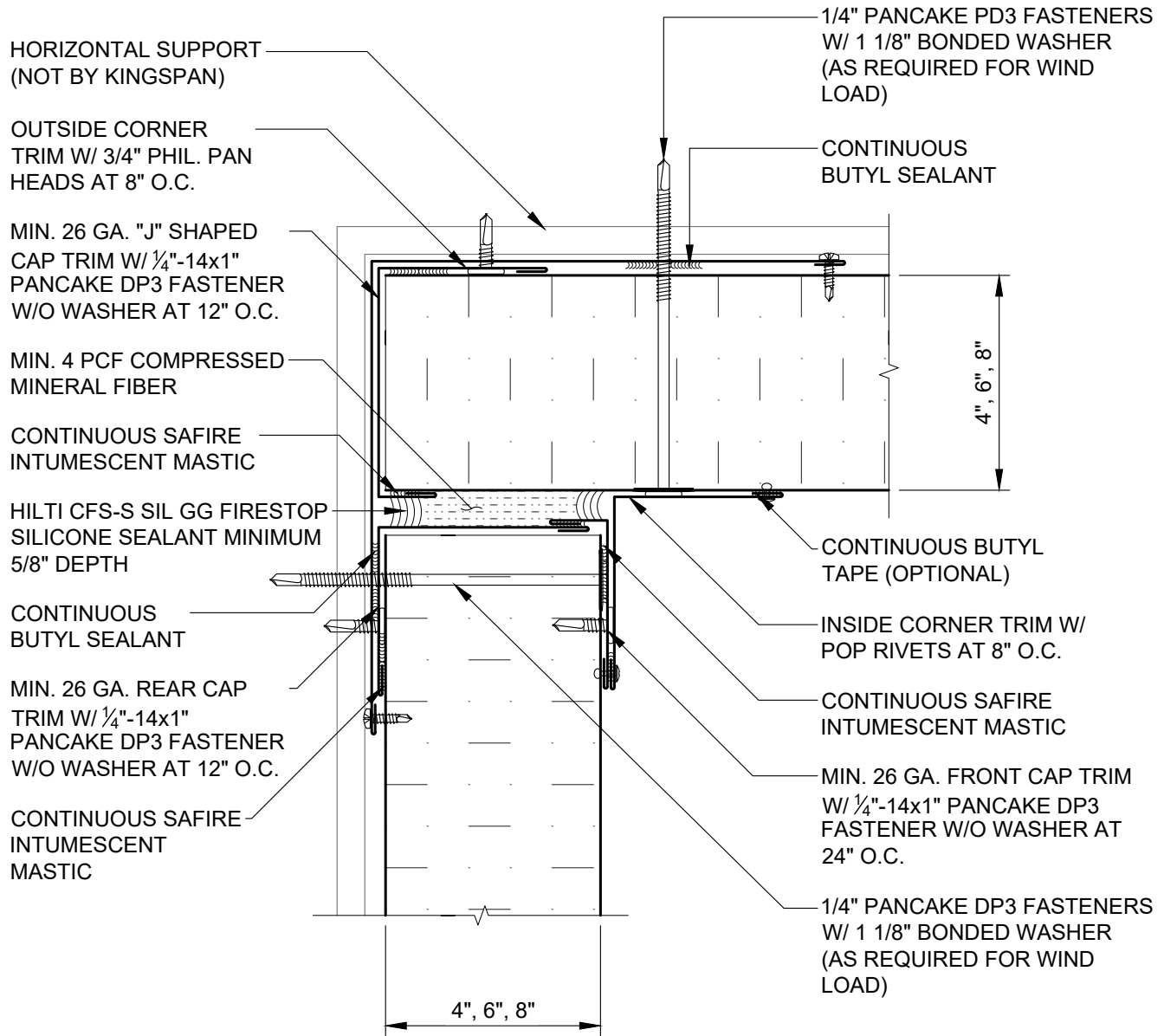
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OUTSIDE CORNER W/ PROFILED TRIM

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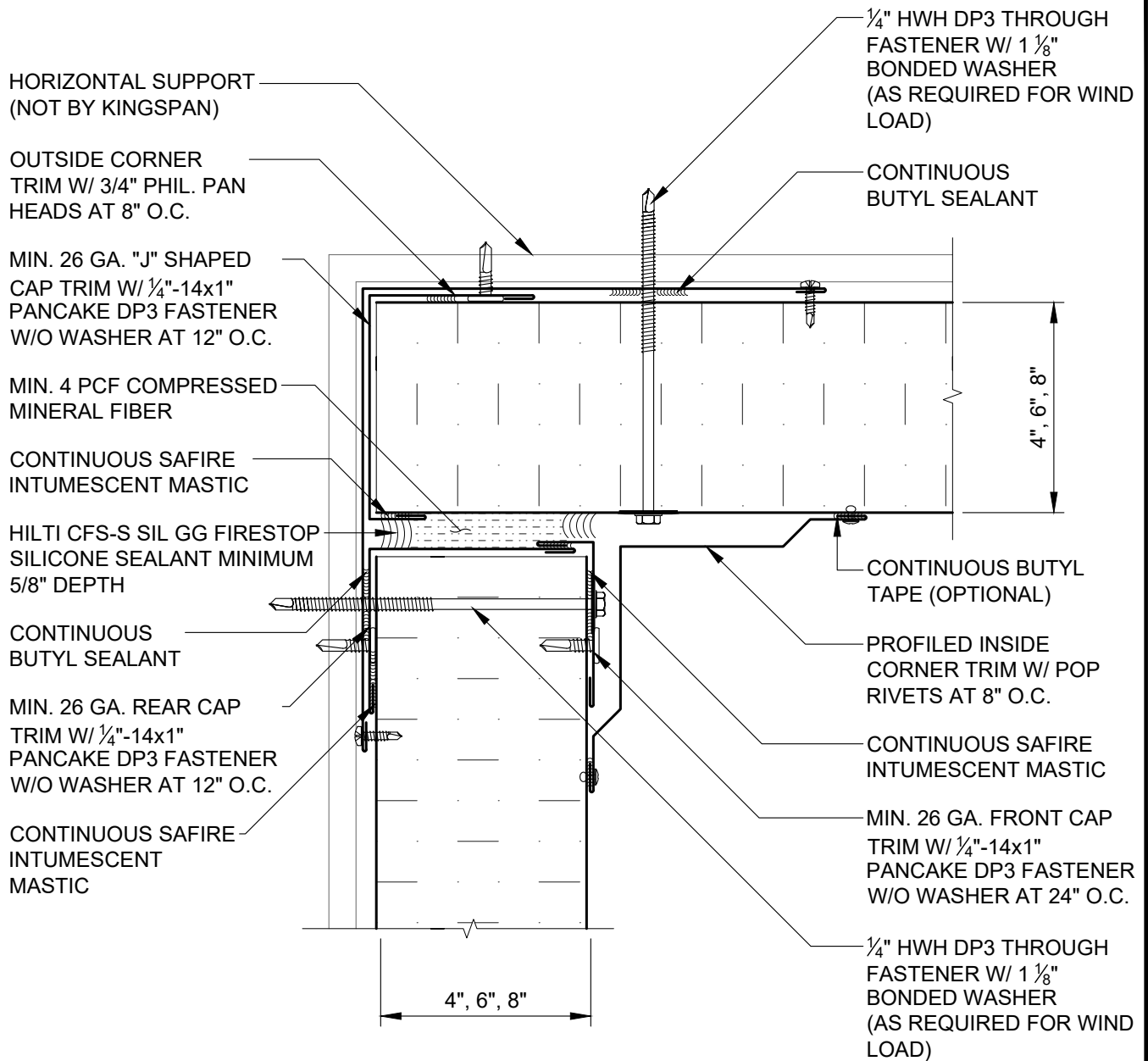
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INSIDE CORNER W/ FLAT TRIM

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INSIDE CORNER W/ PROFILED TRIM

DETAIL #: HF-IC-02-K-ROC-V

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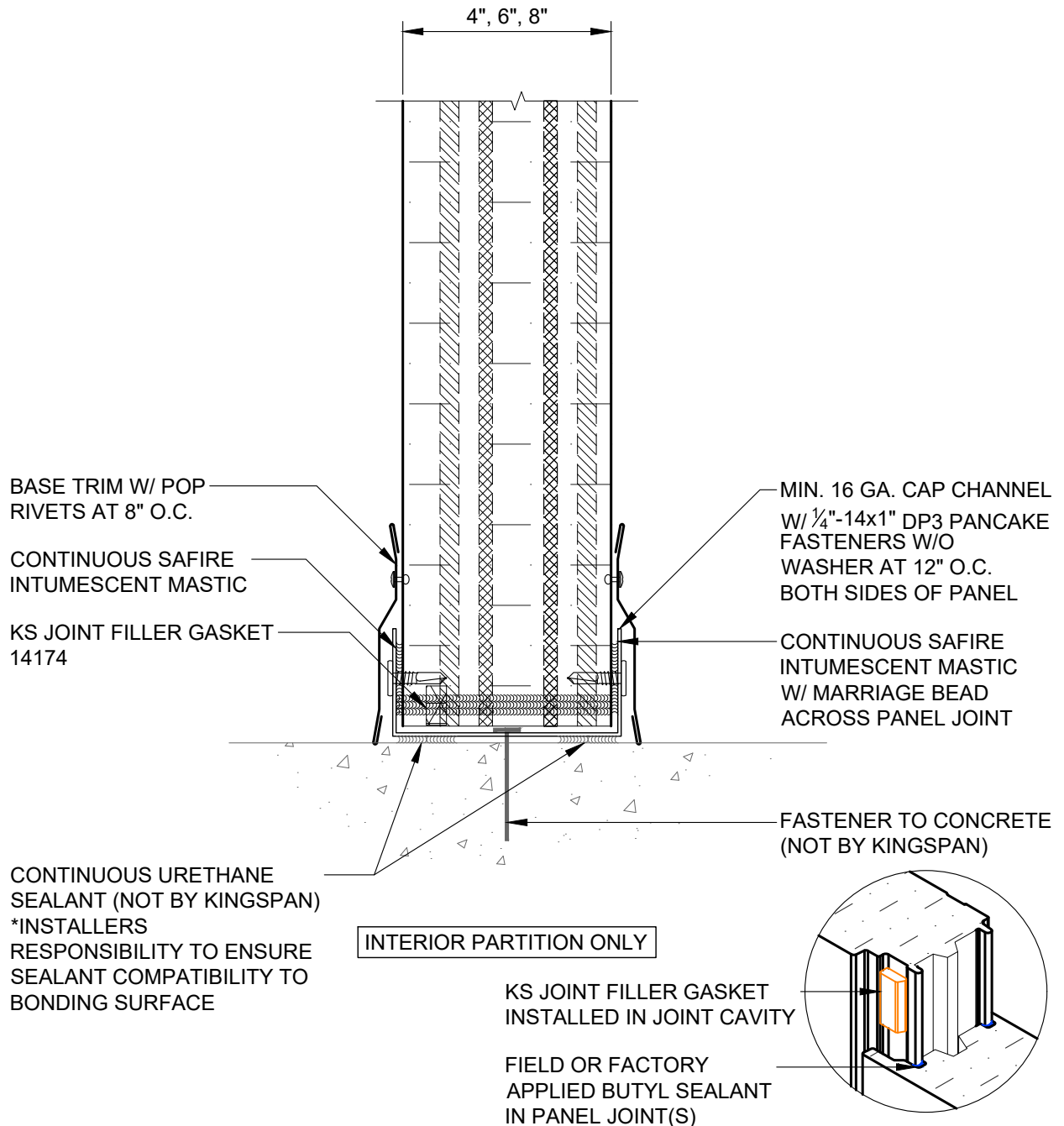
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K-ROC HF SERIES PANELS - FIRE RATED WALL

PARTITION DETAILS: 8" PANELS REQUIRE STITCH FASTENING AT FIRE EXPOSED SIDE OF PANEL AT 36" O.C. (INTERIOR/EXTERIOR/BOTH)
SEE DETAIL HF-PJ-03-K-ROC-V FOR MORE INFORMATION.

*3 BEADS OF SAFIRE INTUMESCENT MASTIC REQUIRED FOR 6" AND 8" PANELS (SEE DETAILS PJ-02 - PJ-03 FOR REFERENCE)



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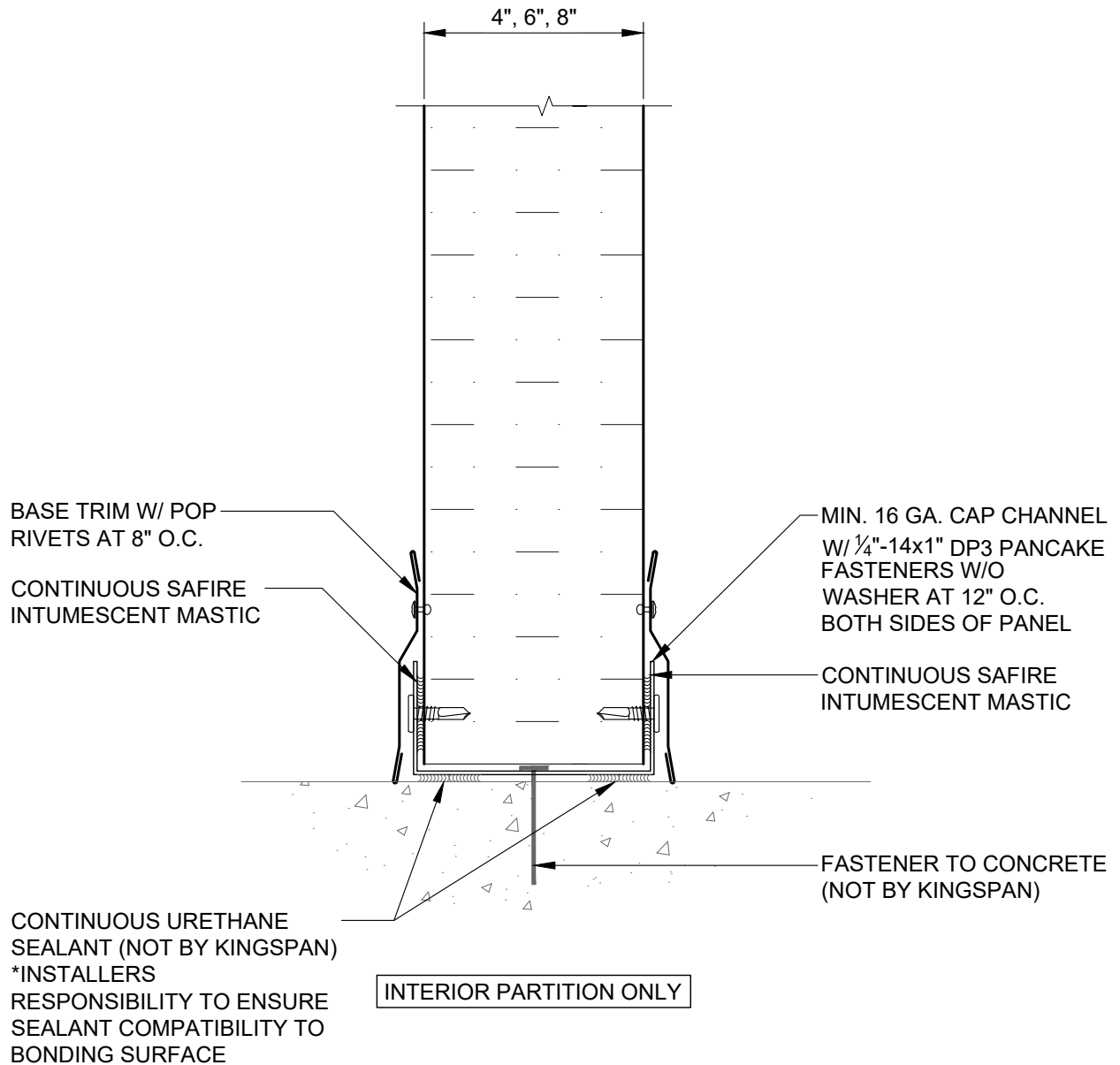
BASE DETAIL - PARTITION
AT PANEL JOINT

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K-ROC HF SERIES PANELS - FIRE RATED WALL

PARTITION DETAILS: 8" PANELS REQUIRE STITCH
FASTENING AT FIRE EXPOSED SIDE OF PANEL AT 36" O.C.
(INTERIOR/EXTERIOR/BOTH)
SEE DETAIL HF-PJ-03-K-ROC-V FOR MORE INFORMATION.



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BASE DETAIL - PARTITION
AT MID PANEL

DETAIL #: HF-IP-02-K-ROC-V

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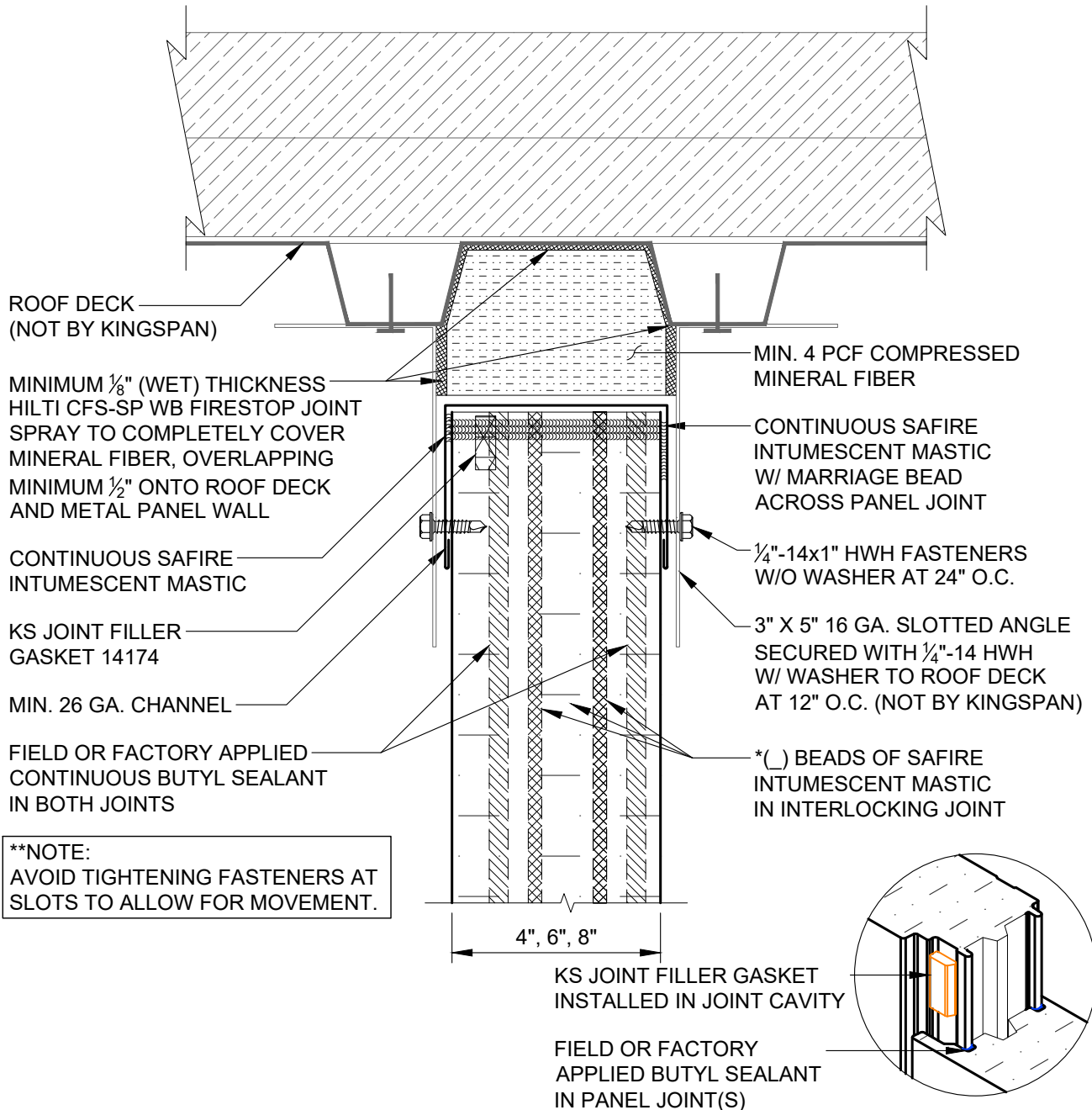
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K-ROC HF SERIES PANELS - FIRE RATED WALL

PARTITION DETAILS: 8" PANELS REQUIRE STITCH FASTENING AT FIRE EXPOSED SIDE OF PANEL AT 36" O.C. (INTERIOR/EXTERIOR/BOTH)
SEE DETAIL HF-PJ-03-K-ROC-V FOR MORE INFORMATION.

*3 BEADS OF SAFIRE INTUMESCENT MASTIC REQUIRED FOR 6" AND 8" PANELS (SEE DETAILS PJ-02 - PJ-03 FOR REFERENCE)



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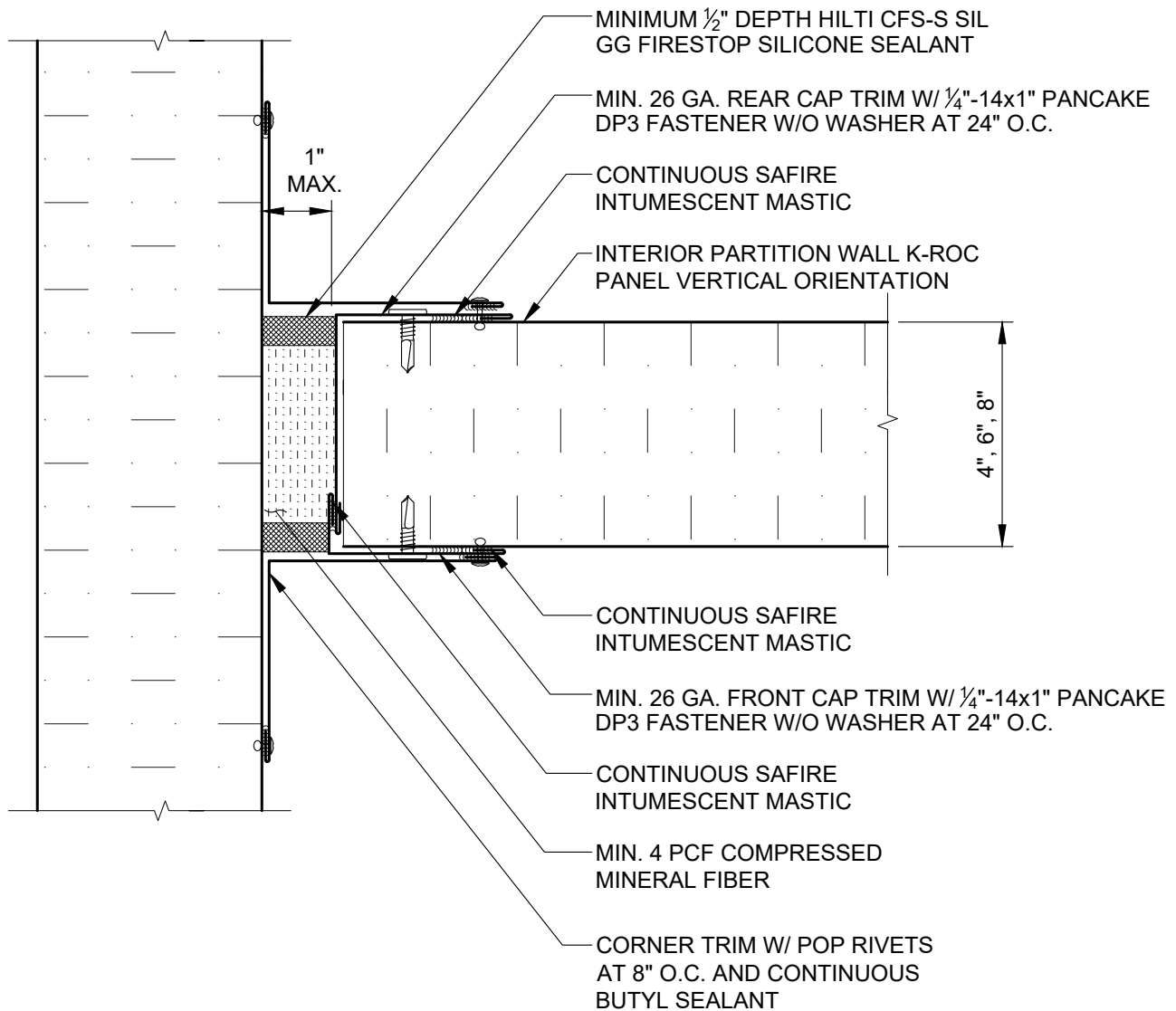
FIRE RATED ASSEMBLY PARTITION
WALL TO ROOF

DETAIL #: HF-IP-03-K-ROC-V
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K-ROC HF SERIES PANELS - FIRE RATED WALL

PARTITION DETAILS: 8" PANELS REQUIRE STITCH FASTENING AT FIRE EXPOSED SIDE OF PANEL AT 36" O.C. (INTERIOR/EXTERIOR/BOTH)
SEE DETAIL HF-PJ-03-K-ROC-V FOR MORE INFORMATION.



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INTERIOR PARTITION ENDWALL DETAIL

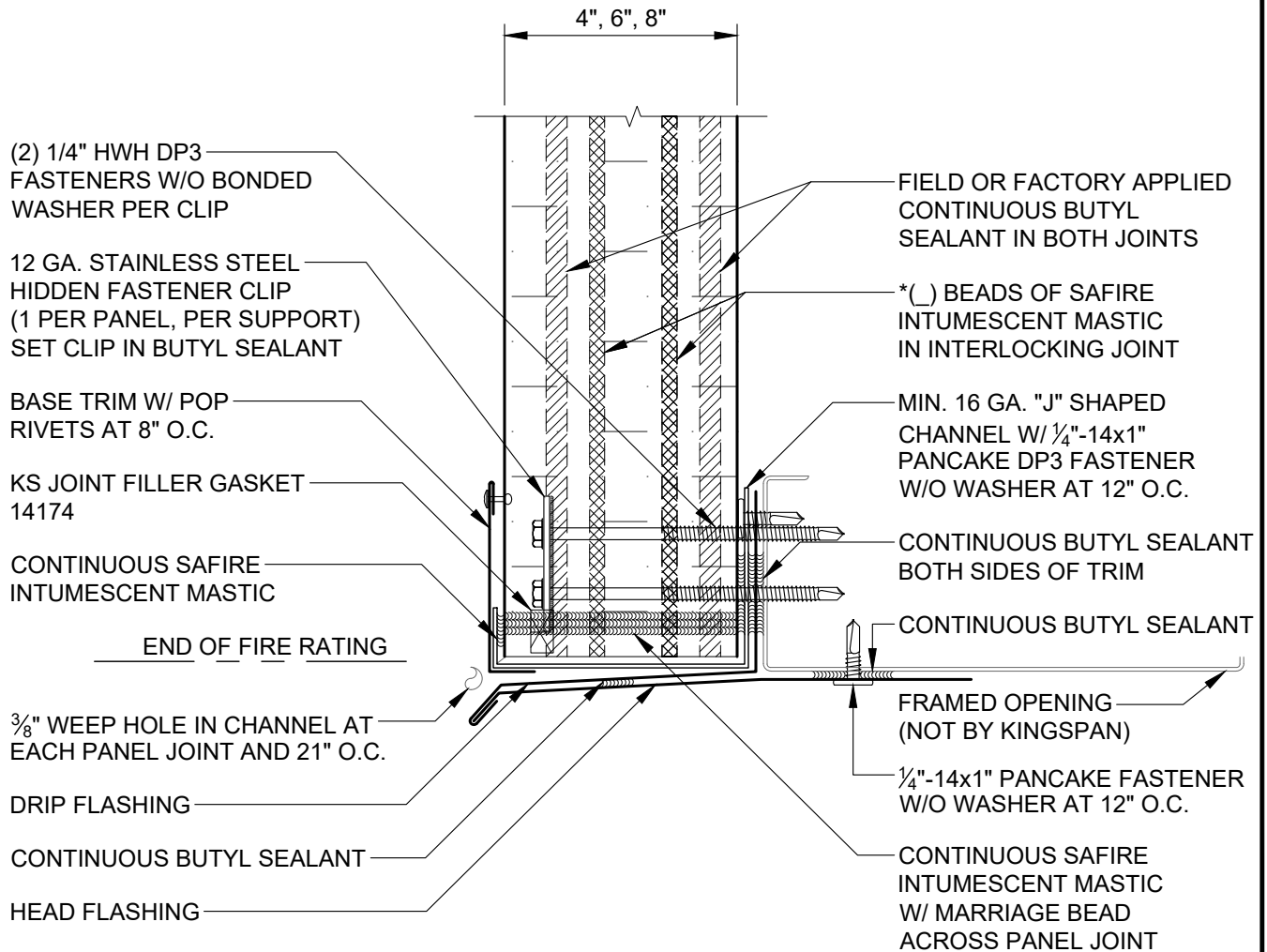
DETAIL #: HF-IP-04-K-ROC-V
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K-ROC HF SERIES PANELS - FIRE RATED WALL

DETAIL DEPICTS PANEL SECTION AT PANEL JOINTS AND FASTENING REQUIREMENTS

*3 BEADS OF SAFIRE INTUMESCENT MASTIC REQUIRED FOR 6" AND 8" PANELS (SEE DETAILS PJ-02 - PJ-03 FOR REFERENCE)

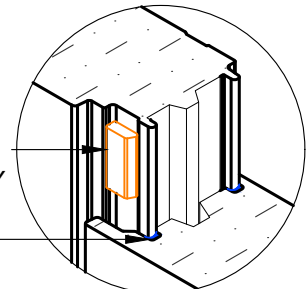


NOTE: FIRE RATED OPENINGS ARE DEPENDENT ON THE FIRE-RATED COMPONENT SUPPLIER'S DETAIL REQUIREMENTS (WINDOW/DOOR/ETC., NOT BY KINGSPAN). PLEASE CONTACT KINGSPAN TECHNICAL SERVICES OR THE FIRE-RATED COMPONENT SUPPLIER FOR ADDITIONAL INFORMATION

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

KS JOINT FILLER GASKET INSTALLED IN JOINT CAVITY

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



REVISION

REVISION #	DATE
5	11/21/25

FRAMED OPENING HEAD W/ FLAT TRIM AND DRIP EDGE AT PANEL JOINT

DETAIL #: HF-FO-01-K-ROC-V

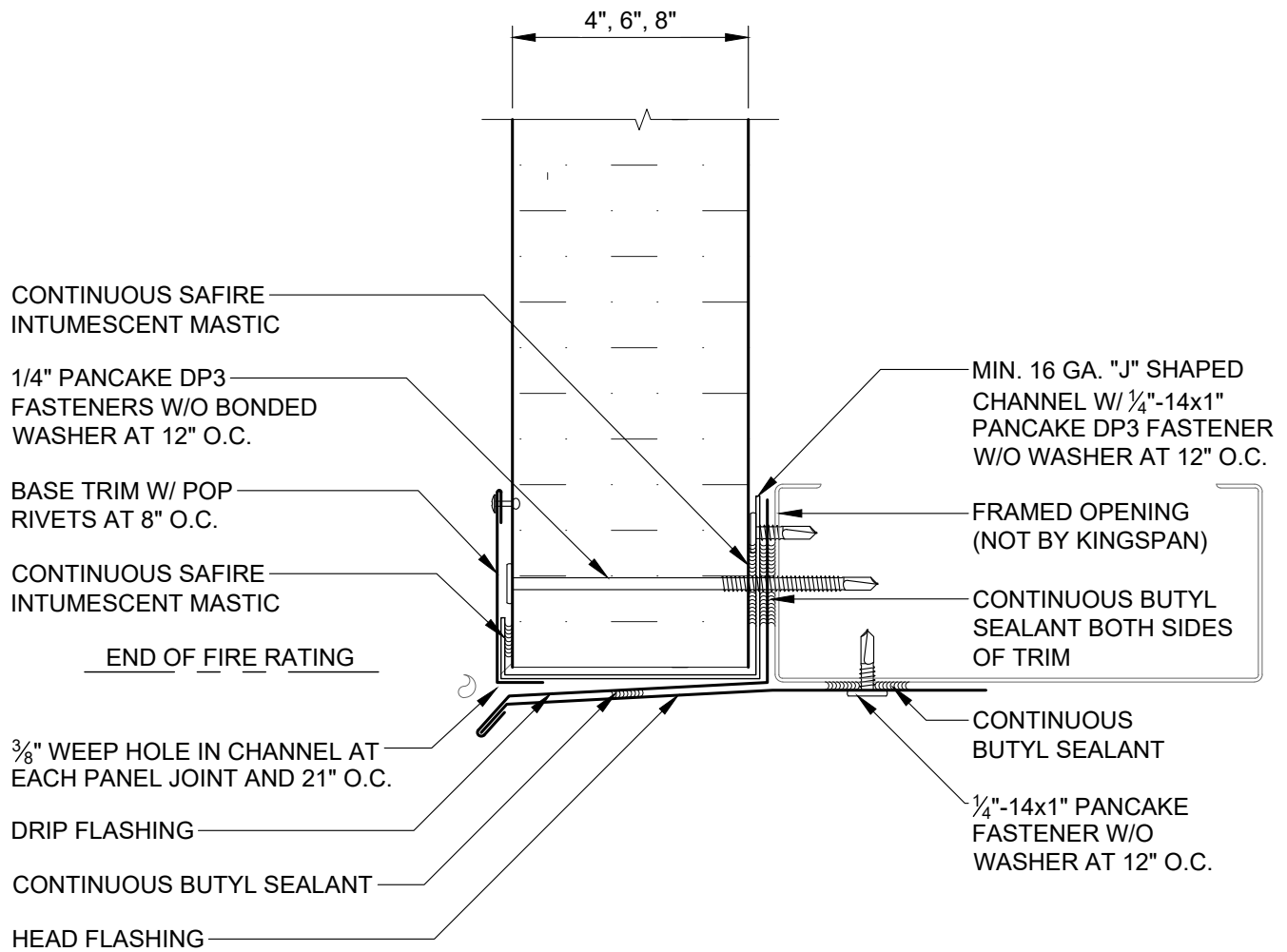
RELEASE: 2025

REGION: NORTH AMERICA

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K-ROC HF SERIES PANELS - FIRE RATED WALL



NOTE: FIRE RATED OPENINGS ARE DEPENDENT ON THE FIRE-RATED COMPONENT SUPPLIER'S DETAIL REQUIREMENTS (WINDOW/DOOR/ETC., NOT BY KINGSPAN). PLEASE CONTACT KINGSPAN TECHNICAL SERVICES OR THE FIRE-RATED COMPONENT SUPPLIER FOR ADDITIONAL INFORMATION

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

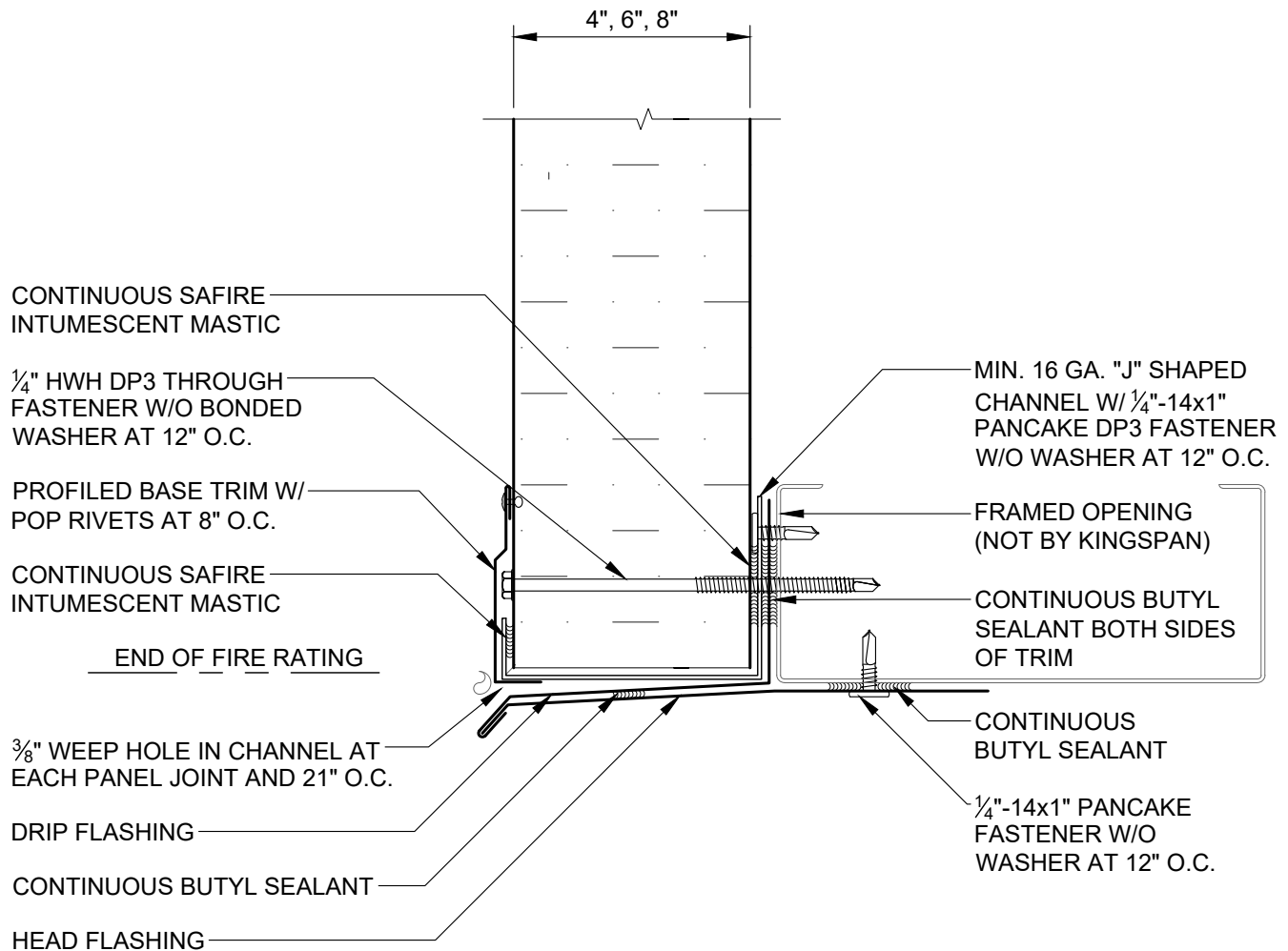
REVISION	
REVISION #	DATE
5	11/21/25

FRAMED OPENING HEAD W/ FLAT TRIM
AND DRIP EDGE AT MID PANEL

DETAIL #: HF-FO-02-K-ROC-V
RELEASE: 2025
REGION: NORTH AMERICA
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K-ROC HF SERIES PANELS - FIRE RATED WALL



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

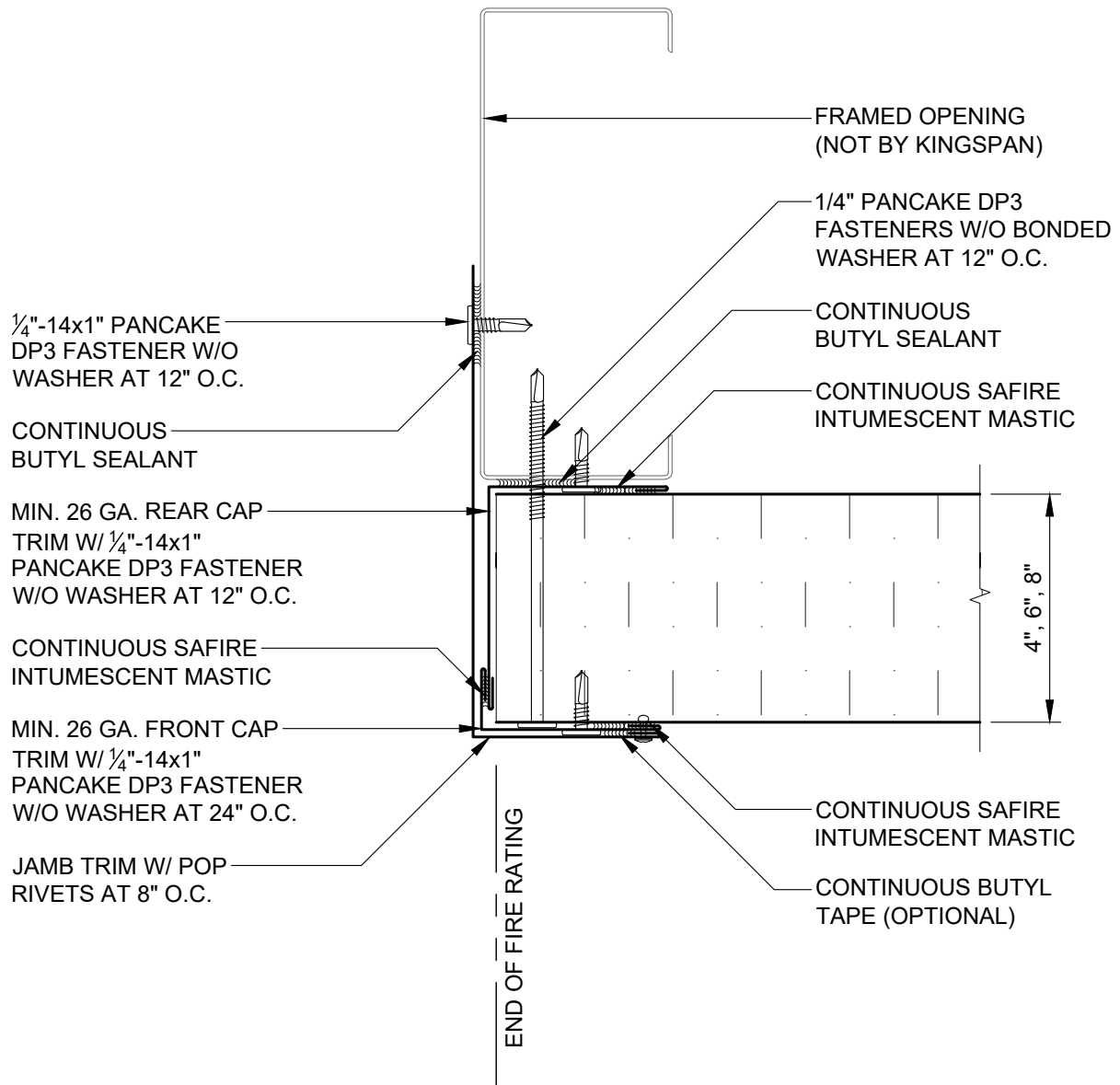
REVISION	
REVISION #	DATE
5	11/21/25

FRAMED OPENING HEAD W/ PROFIED TRIM AND DRIP EDGE AT MID PANEL

DETAIL #: HF-FO-03-K-ROC-V
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REGION: NORTH AMERICA
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K-ROC HF SERIES PANELS - FIRE RATED WALL



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

REVISION	
REVISION #	DATE
4	6/27/25

FRAMED OPENING JAMB
W/ FLAT JAMB TRIM

DETAIL #: HF-FO-04-K-ROC-V

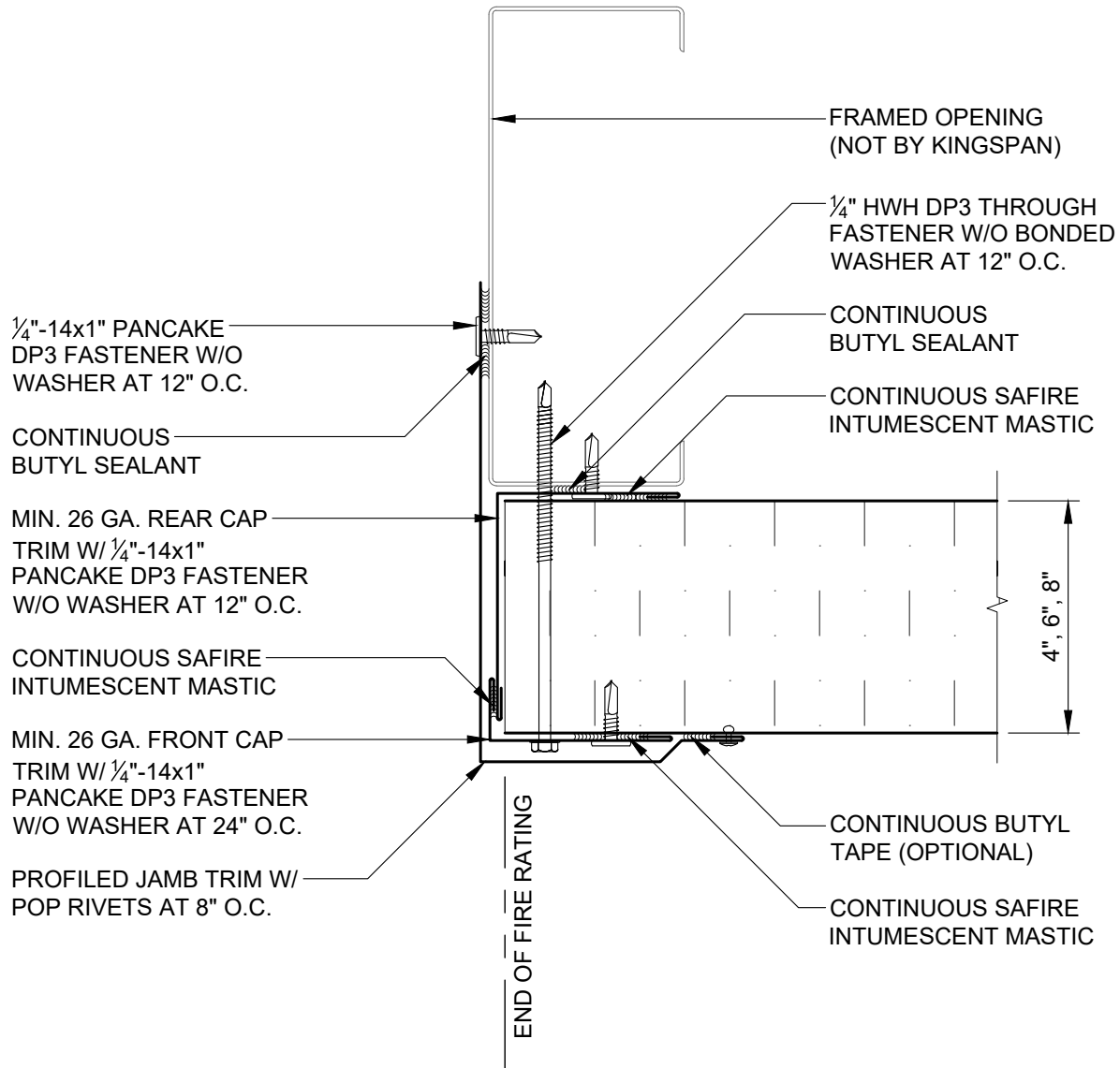
RELEASE: 2025

REGION: NORTH AMERICA

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K-ROC HF SERIES PANELS - FIRE RATED WALL



NOTE: FIRE RATED OPENINGS ARE DEPENDENT ON THE FIRE-RATED COMPONENT SUPPLIER'S DETAIL REQUIREMENTS (WINDOW/DOOR/ETC., NOT BY KINGSPAN). PLEASE CONTACT KINGSPAN TECHNICAL SERVICES OR THE FIRE-RATED COMPONENT SUPPLIER FOR ADDITIONAL INFORMATION

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

REVISION	
REVISION #	DATE
4	6/27/25

FRAMED OPENING JAMB
W/ PROFILED JAMB TRIM

DETAIL #: HF-FO-05-K-ROC-V

RELEASE: 2025

REGION: NORTH AMERICA

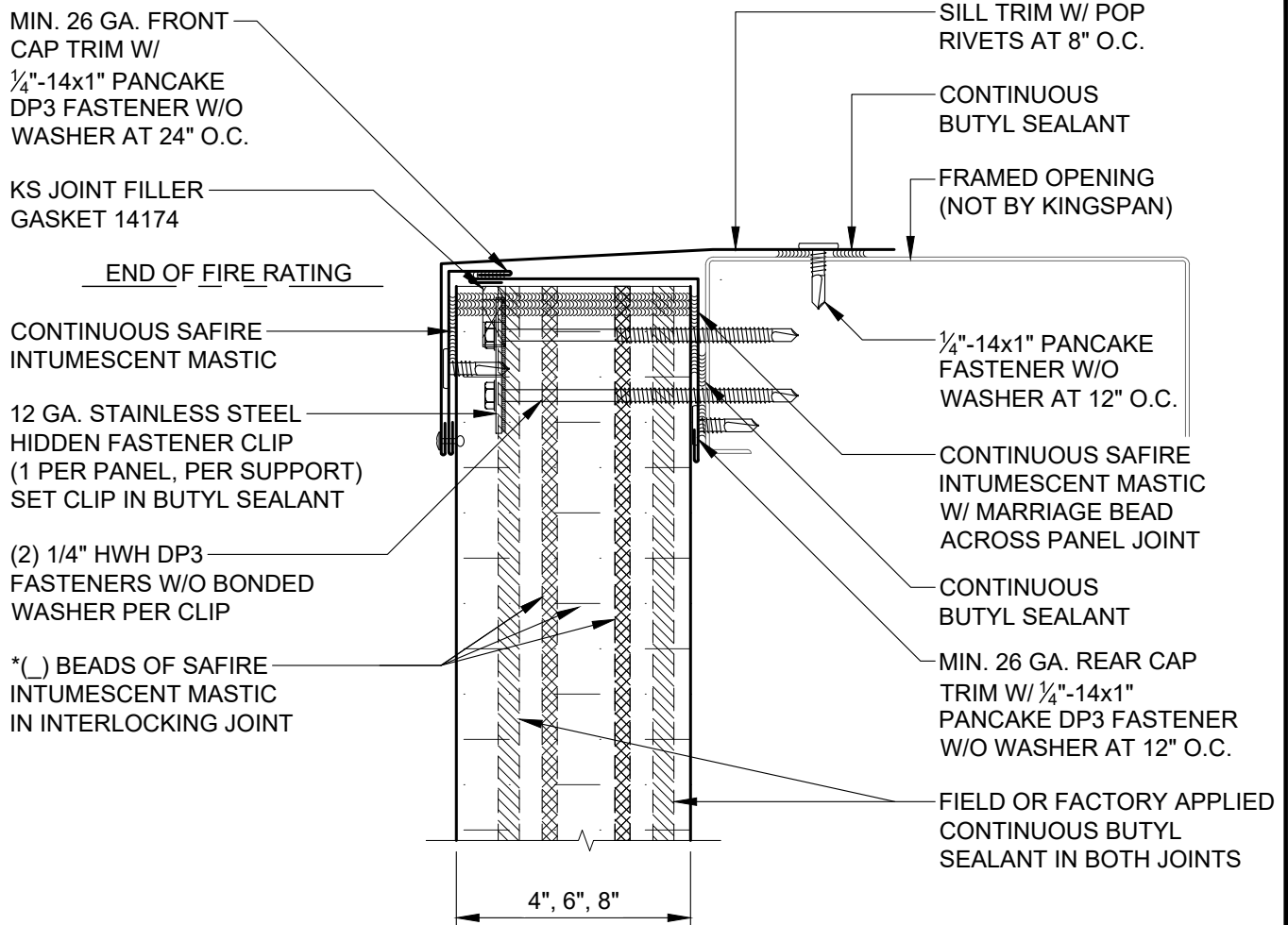
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K-ROC HF SERIES PANELS - FIRE RATED WALL

DETAIL DEPICTS PANEL SECTION AT PANEL JOINTS AND FASTENING REQUIREMENTS

*3 BEADS OF SAFIRE INTUMESCENT MASTIC REQUIRED FOR 6" AND 8" PANELS (SEE DETAILS PJ-02 - PJ-03 FOR REFERENCE)

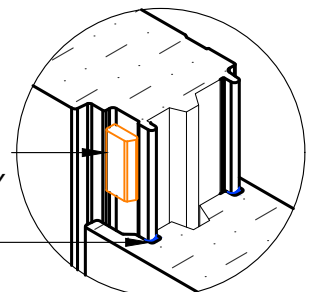


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NOTE: SEE DETAIL HF-TL-01-K-ROC, HF-TL-02-K-ROC AND HF-TL-04-K-ROC. FOR TYPICAL TRIM LAP INSTRUCTIONS

KS JOINT FILLER GASKET INSTALLED IN JOINT CAVITY

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



REVISION

REVISION #	DATE
5	11/21/25

FRAMED OPENING SILL W/ FLAT TRIM
AT PANEL JOINT

DETAIL #: HF-FO-06-K-ROC-V

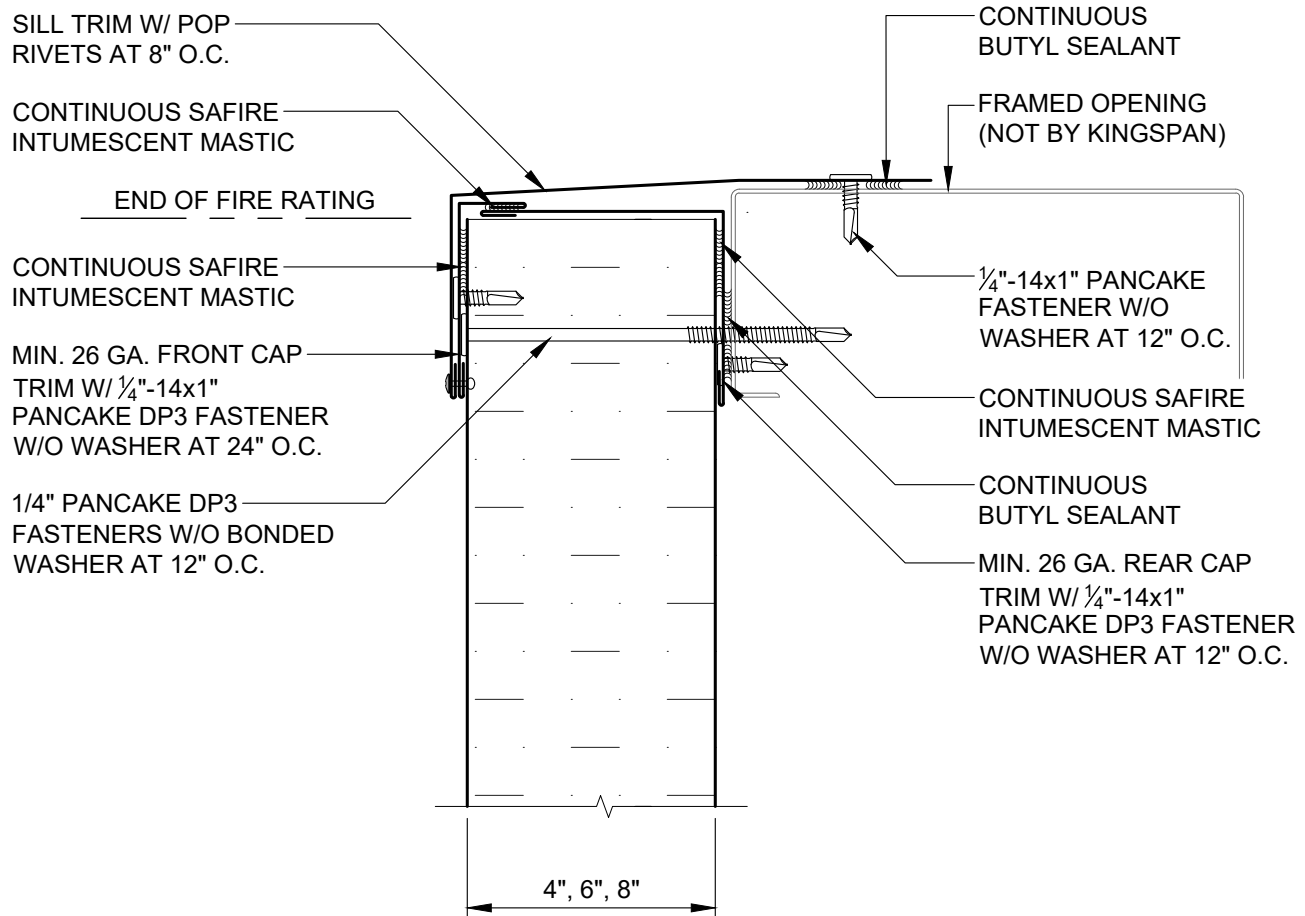
RELEASE: 2025

REGION: NORTH AMERICA

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K-ROC HF SERIES PANELS - FIRE RATED WALL



NOTE: FIRE RATED OPENINGS ARE DEPENDENT ON THE FIRE-RATED COMPONENT SUPPLIER'S DETAIL REQUIREMENTS (WINDOW/DOOR/ETC., NOT BY KINGSPAN). PLEASE CONTACT KINGSPAN TECHNICAL SERVICES OR THE FIRE-RATED COMPONENT SUPPLIER FOR ADDITIONAL INFORMATION

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

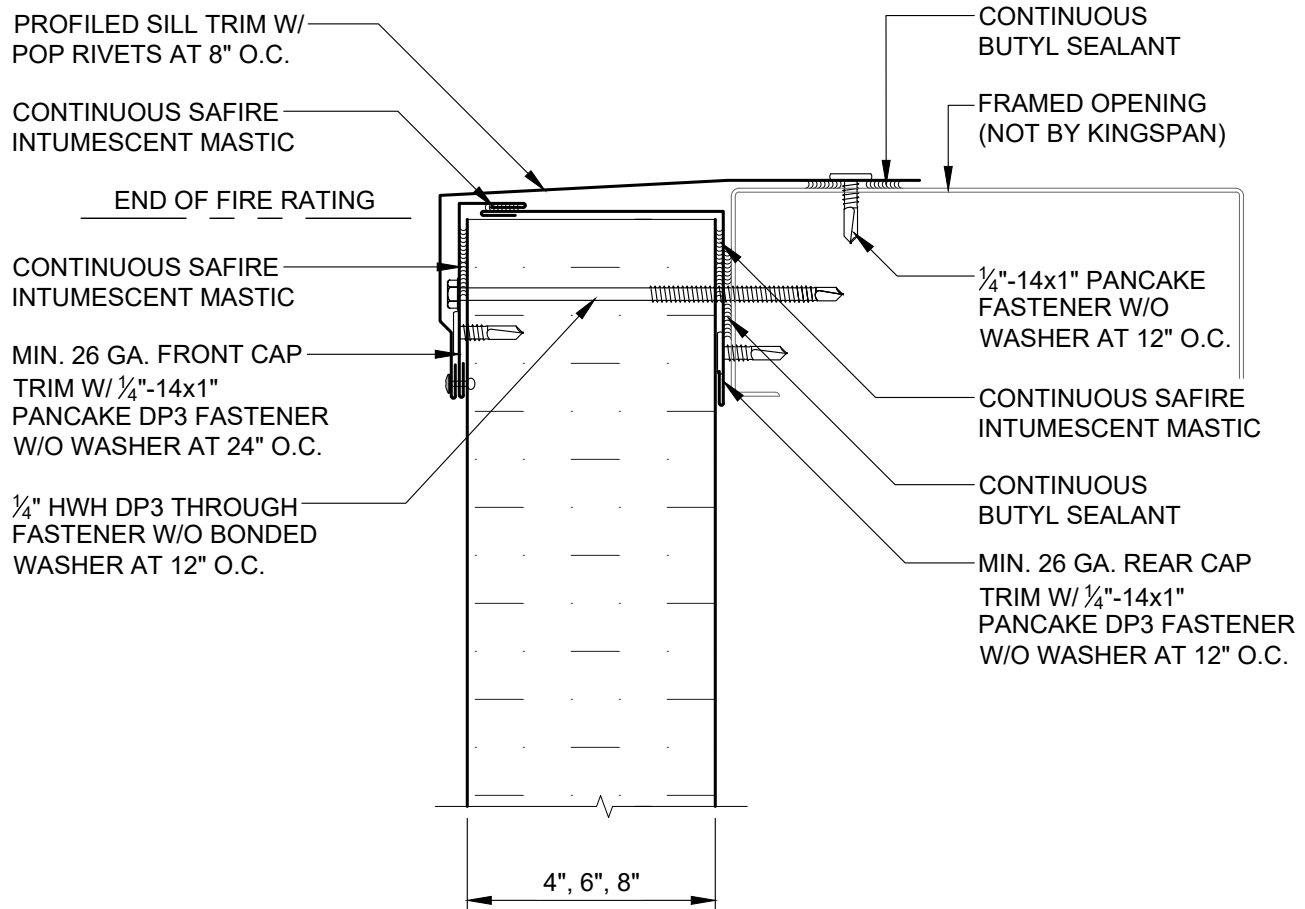
REVISION	
REVISION #	DATE
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FRAMED OPENING SILL W/ FLAT TRIM
AT MID PANEL

DETAIL #: HF-FO-07-K-ROC-V
RELEASE: 2025
REGION: NORTH AMERICA
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K-ROC HF SERIES PANELS - FIRE RATED WALL



NOTE: FIRE RATED OPENINGS ARE DEPENDENT ON THE FIRE-RATED COMPONENT SUPPLIER'S DETAIL REQUIREMENTS (WINDOW/DOOR/ETC., NOT BY KINGSPAN). PLEASE CONTACT KINGSPAN TECHNICAL SERVICES OR THE FIRE-RATED COMPONENT SUPPLIER FOR ADDITIONAL INFORMATION

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

REVISION	
REVISION #	DATE
4	6/27/25

FRAMED OPENING SILL W/ PROFIED
SILL TRIM AT MID PANEL

DETAIL #: HF-FO-08-K-ROC-V
RELEASE: 2025
REGION: NORTH AMERICA
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K-ROC HF SERIES PANELS - FIRE RATED WALL

DETAIL DEPICTS PANEL SECTION AT PANEL JOINTS AND FASTENING REQUIREMENTS

*3 BEADS OF SAFIRE INTUMESCENT MASTIC REQUIRED FOR 6" AND 8" PANELS (SEE DETAILS PJ-02 - PJ-03 FOR REFERENCE)

* () BEADS OF SAFIRE INTUMESCENT MASTIC IN INTERLOCKING JOINT

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

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

KS JOINT FILLER GASKET 14174

CONTINUOUS SAFIRE INTUMESCENT MASTIC

HILTI CFS-S SIL GG FIRESTOP SILICONE SEALANT MINIMUM 5/8" DEPTH

MIN. 4 PCF COMPRESSED MINERAL FIBER

KS JOINT FILLER GASKET 14174

CONTINUOUS SAFIRE INTUMESCENT MASTIC

MIN. 26 GA. FRONT CAP TRIM W/ 1/4"-14x1" PANCAKE DP3 FASTENER W/O WASHER AT 24" O.C.

12 GA. STAINLESS STEEL HIDDEN FASTENER CLIP (1 PER PANEL, PER SUPPORT) SET CLIP IN BUTYL SEALANT

FIELD OR FACTORY APPLIED CONTINUOUS BUTYL SEALANT IN BOTH JOINTS

MIN. 26 GA. "J" SHAPED CAP TRIM W/ 1/4"-14x1" PANCAKE DP3 FASTENER W/O WASHER AT 12" O.C.

CONTINUOUS SAFIRE INTUMESCENT MASTIC W/ MARRIAGE BEAD ACROSS PANEL JOINT

CONTINUOUS BUTYL SEALANT BOTH SIDES OF MENDING PLATE

MIN. 26 GA. MENDING PLATE MIN. 6"

CONTINUOUS SAFIRE INTUMESCENT MASTIC W/ MARRIAGE BEAD ACROSS PANEL JOINT

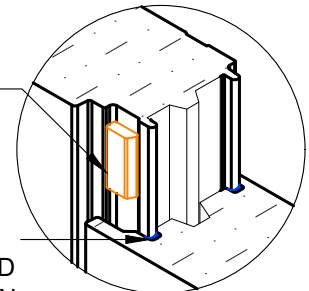
CONTINUOUS BUTYL SEALANT

MIN. 26 GA. REAR CAP TRIM W/ 1/4"-14x1" PANCAKE DP3 FASTENER W/O WASHER AT 12" O.C.

KS JOINT FILLER GASKET INSTALLED IN JOINT CAVITY

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

4", 6", 8"



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REVISION #	DATE
5	11/21/25

FIRE RATED STACK JOINT
AT PANEL JOINT

DETAIL #: HF-SJ-01-K-ROC-V

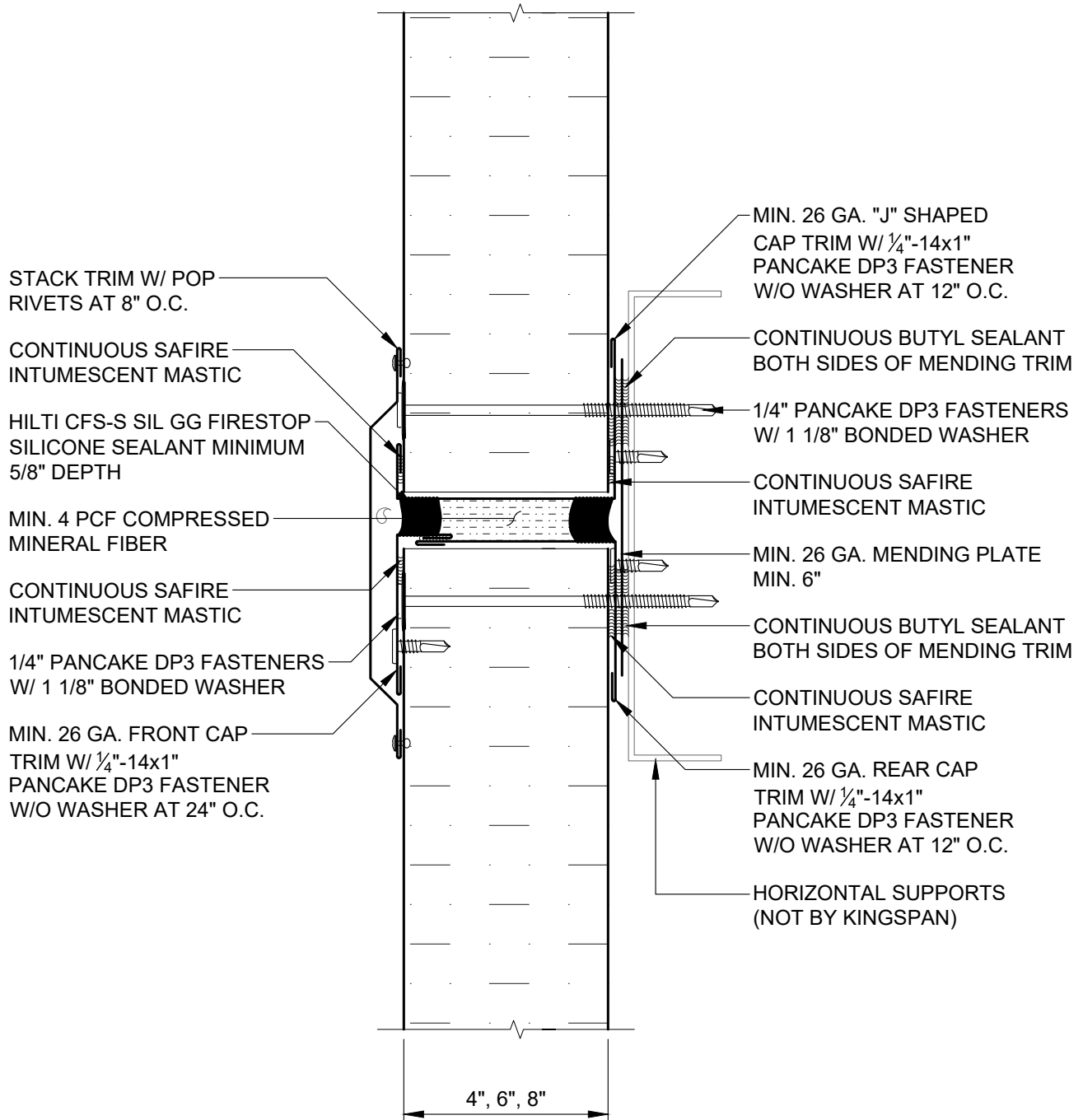
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REGION: NORTH AMERICA

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K-ROC HF SERIES PANELS - FIRE RATED WALL



REVISION	
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4	6/27/25

FIRE RATED STACK JOINT
AT MID PANEL

DETAIL #: HF-SJ-02-K-ROC-V

RELEASE: 2025

REGION: NORTH AMERICA

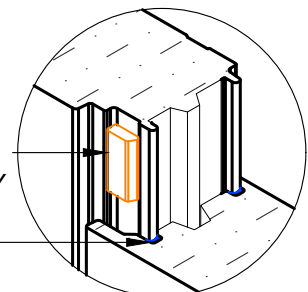
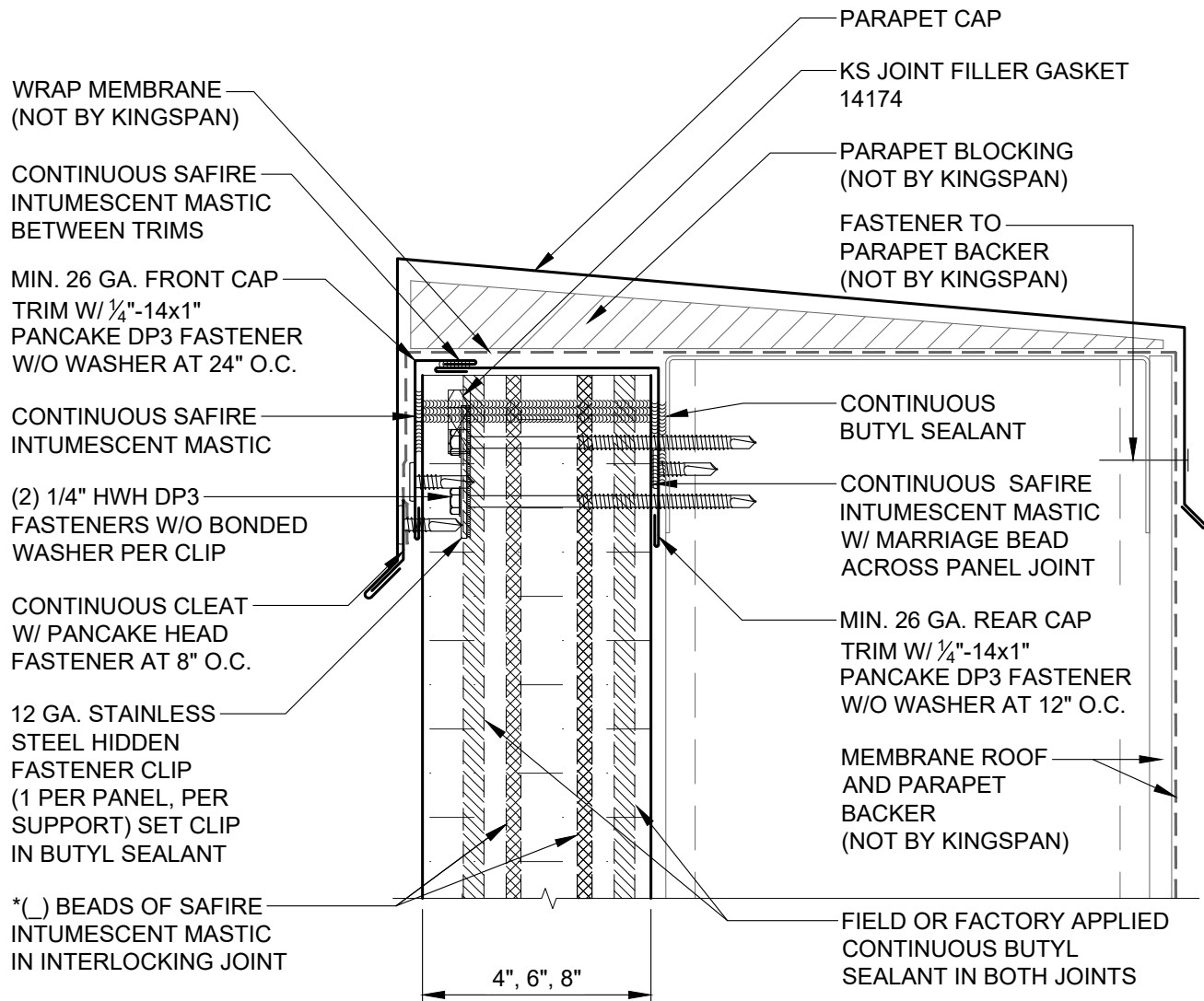
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K-ROC HF SERIES PANELS - FIRE RATED WALL

DETAIL DEPICTS PANEL SECTION AT PANEL JOINTS AND FASTENING REQUIREMENTS

*3 BEADS OF SAFIRE INTUMESCENT MASTIC REQUIRED FOR 6" AND 8" PANELS (SEE DETAILS PJ-02 - PJ-03 FOR REFERENCE)



REVISION	
REVISION #	DATE
5	11/21/25

PARAPET W/ FLAT TRIM
AT PANEL JOINT

DETAIL #: HF-PR-01-K-ROC-V

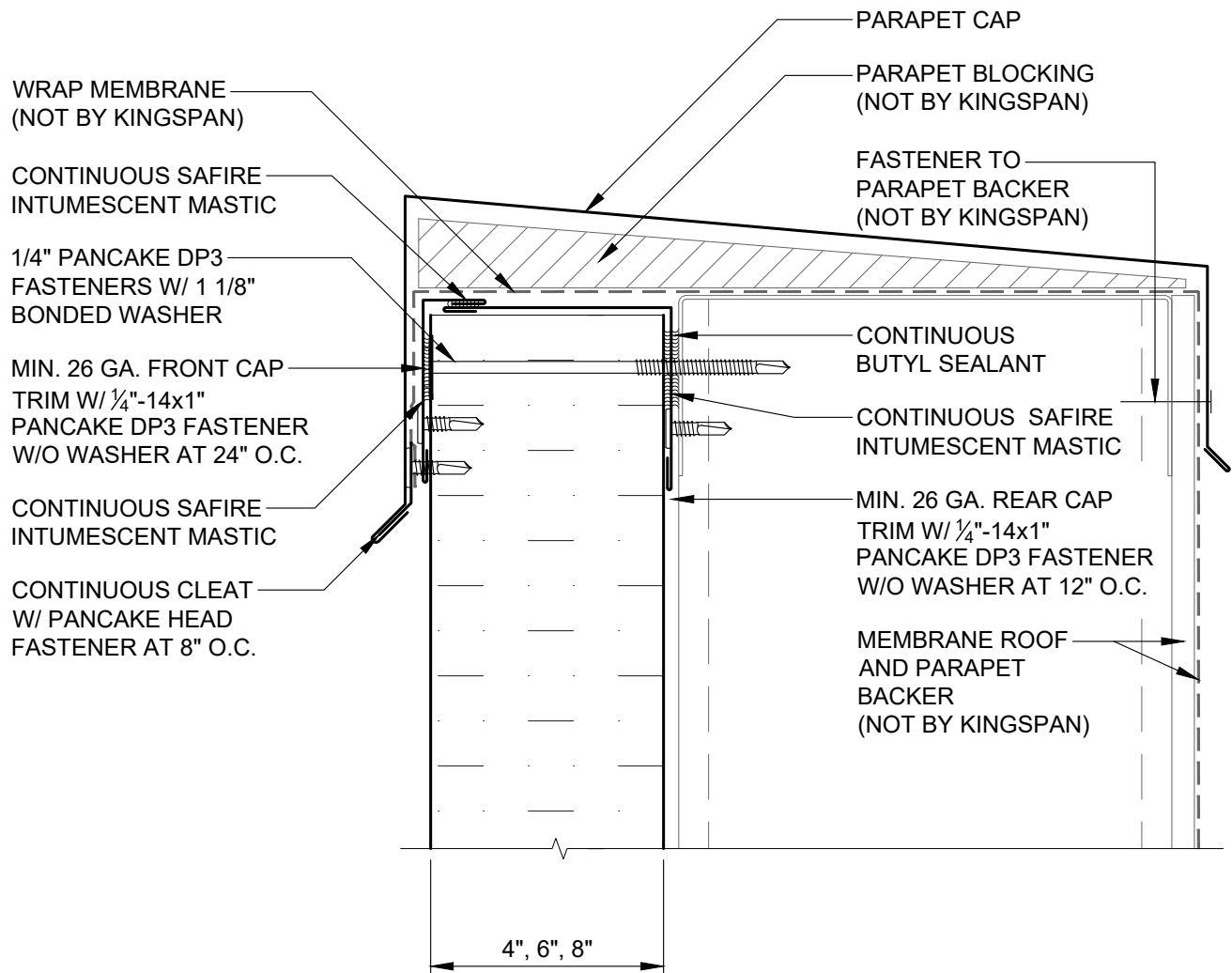
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K-ROC HF SERIES PANELS - FIRE RATED WALL



REVISION	
REVISION #	DATE
5	11/21/25

PARAPET W/ FLAT TRIM
AT MID PANEL

DETAIL #: HF-PR-02-K-ROC-V

RELEASE: 2025

REGION: NORTH AMERICA

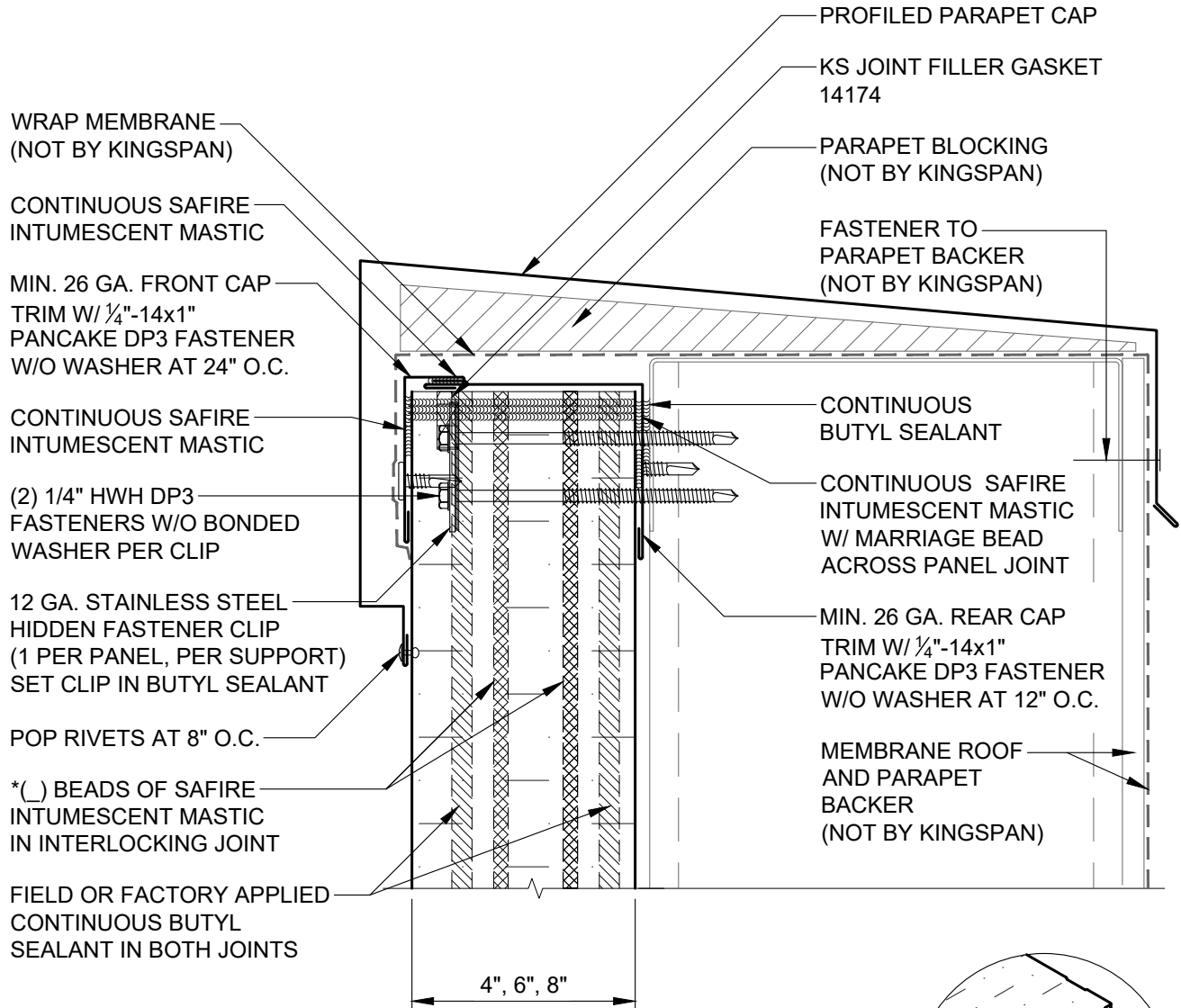
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K-ROC HF SERIES PANELS - FIRE RATED WALL

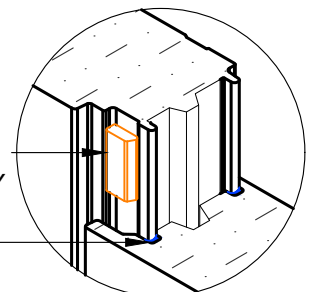
DETAIL DEPICTS PANEL SECTION AT PANEL JOINTS AND FASTENING REQUIREMENTS

*3 BEADS OF SAFIRE INTUMESCENT MASTIC REQUIRED FOR 6" AND 8" PANELS (SEE DETAILS PJ-02 - PJ-03 FOR REFERENCE)



KS JOINT FILLER GASKET INSTALLED IN JOINT CAVITY

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



REVISION

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PARAPET W/ PROFILED TRIM
AT PANEL JOINT

DETAIL #: HF-PR-03-K-ROC-V

RELEASE: 2025

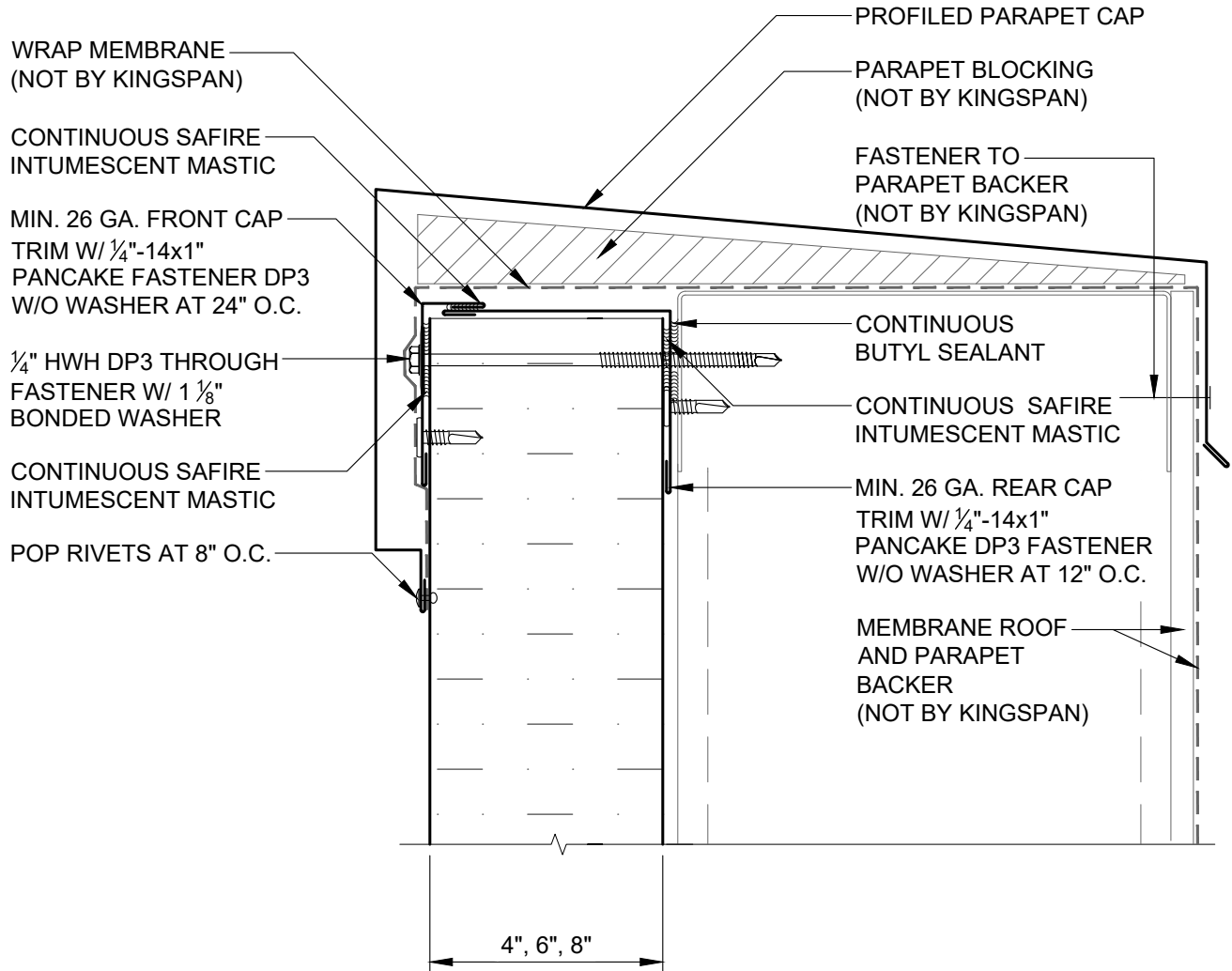
REGION: NORTH AMERICA

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K-ROC HF SERIES PANELS - FIRE RATED WALL

DETAIL DEPICTS PANEL
SECTION AT PANEL
JOINTS AND FASTENING
REQUIREMENTS



REVISION	
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PARAPET W/ PROFILED TRIM
AT MID PANEL

DETAIL #: HF-PR-04-K-ROC-V

RELEASE: 2025

REGION: NORTH AMERICA

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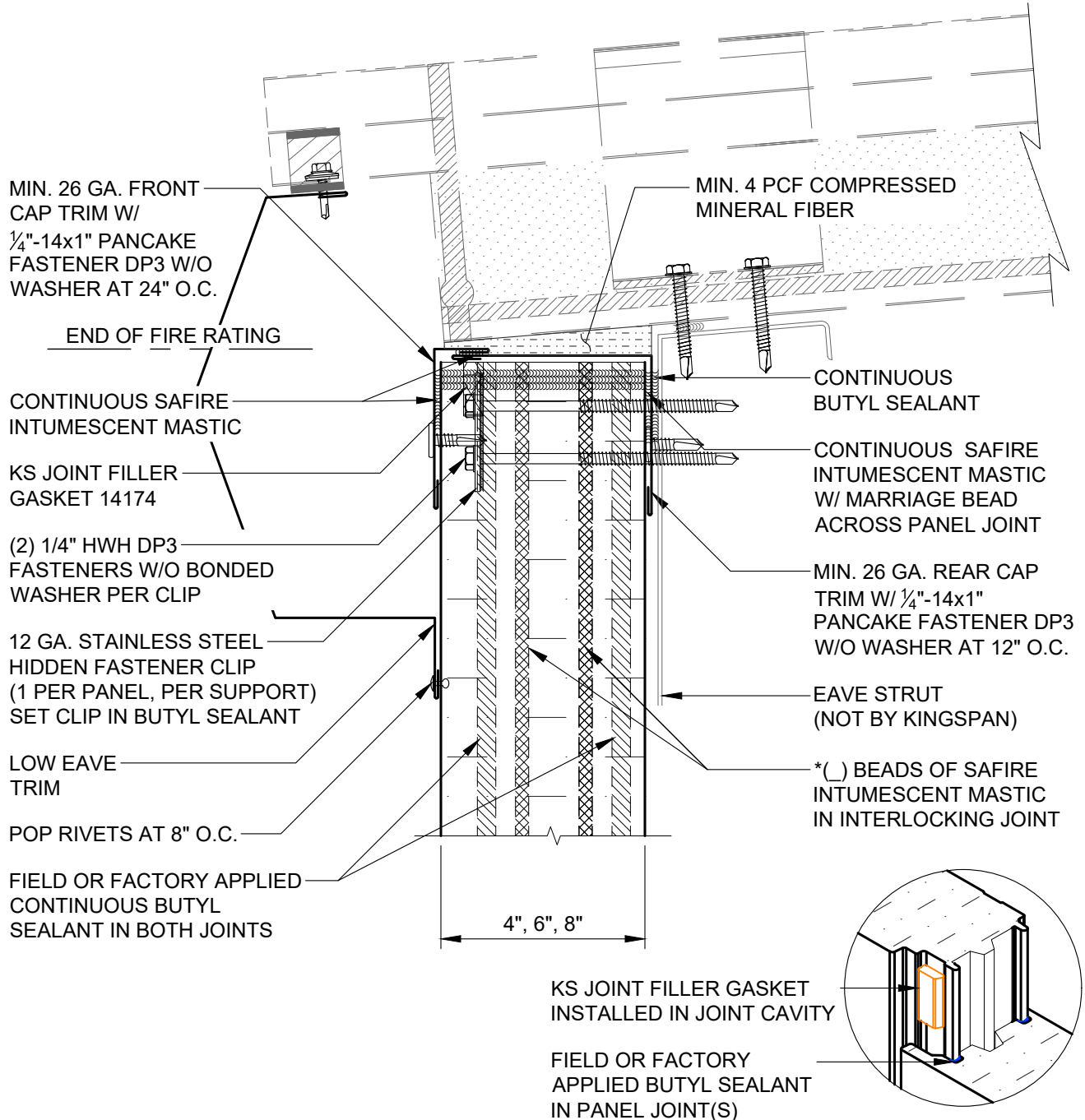


K-ROC HF SERIES PANELS - FIRE RATED WALL

NOTE: REFER TO ROOF DETAILS
FOR ROOF INSTALLATION

DETAIL DEPICTS PANEL
SECTION AT PANEL
JOINTS AND FASTENING
REQUIREMENTS

*3 BEADS OF SAFIRE INTUMESCENT
MASTIC REQUIRED FOR 6" AND 8"
PANELS (SEE DETAILS PJ-02 - PJ-03
FOR REFERENCE)



REVISION	
REVISION #	DATE
5	11/21/25

WALL TO ROOF W/ LOW EAVE TRIM
AT PANEL JOINT

DETAIL #: HF-WR-01-K-ROC-V

RELEASE: 2025

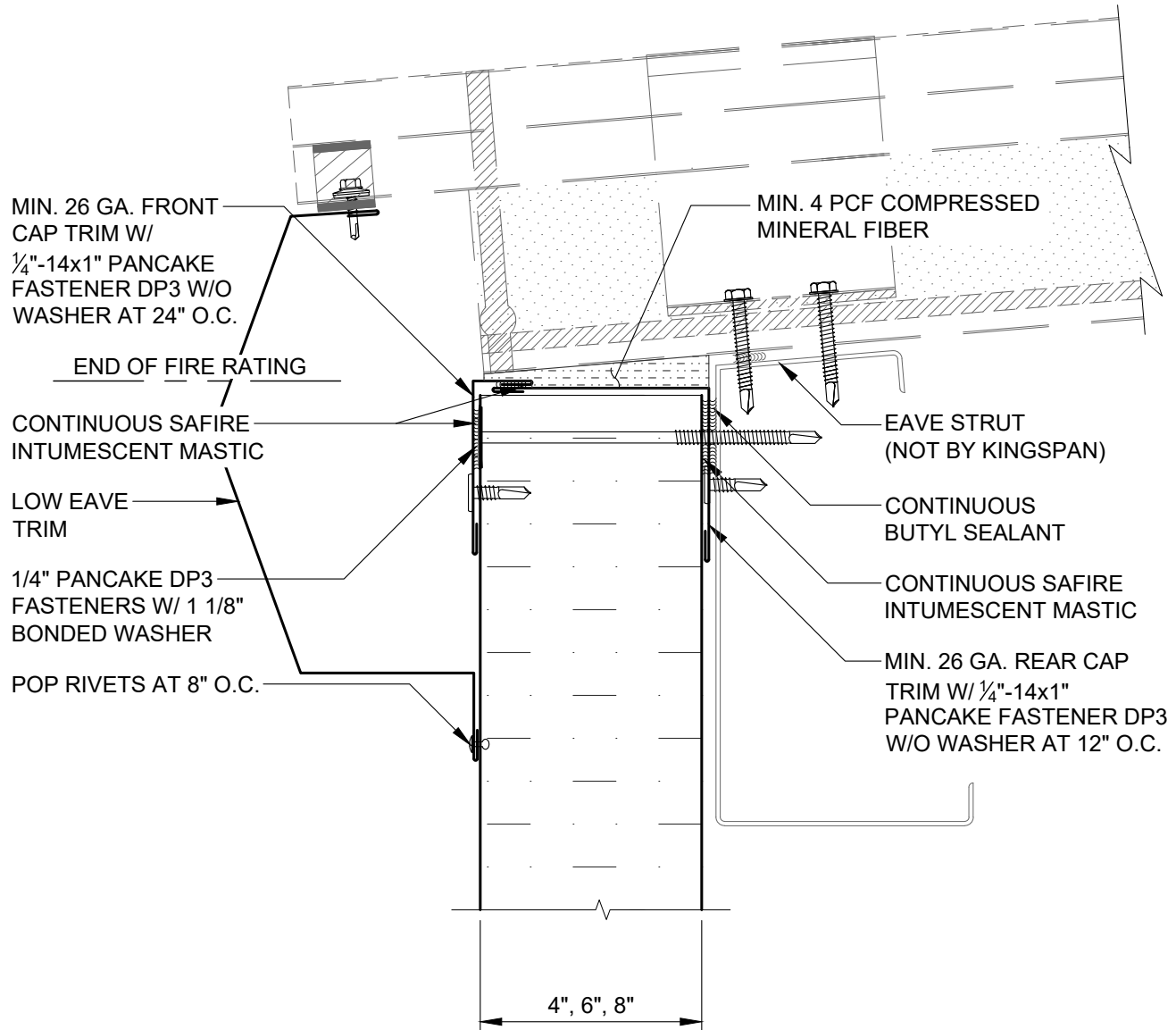
REGION: NORTH AMERICA

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K-ROC HF SERIES PANELS - FIRE RATED WALL

NOTE: REFER TO ROOF DETAILS
FOR ROOF INSTALLATION



REVISION	
REVISION #	DATE
4	6/27/25

WALL TO ROOF W/ LOW EAVE TRIM AT
MID PANEL

DETAIL #: HF-WR-02-K-ROC-V

RELEASE: 2025

REGION: NORTH AMERICA

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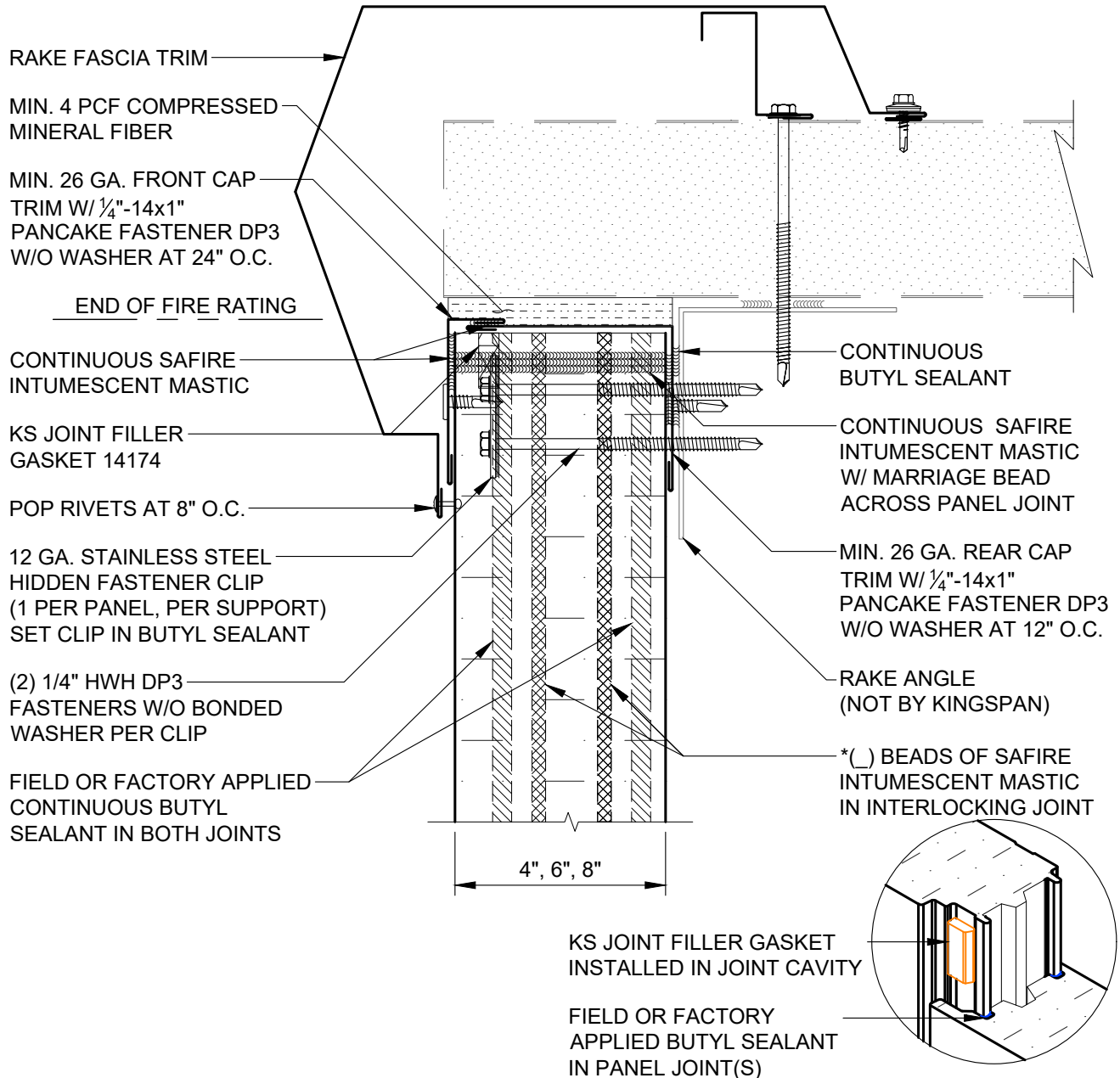


K-ROC HF SERIES PANELS - FIRE RATED WALL

NOTE: REFER TO ROOF DETAILS
FOR ROOF INSTALLATION

DETAIL DEPICTS PANEL
SECTION AT PANEL
JOINTS AND FASTENING
REQUIREMENTS

*3 BEADS OF SAFIRE INTUMESCENT
MASTIC REQUIRED FOR 6" AND 8"
PANELS (SEE DETAILS PJ-02 - PJ-03
FOR REFERENCE)



REVISION	
REVISION #	DATE
5	11/21/25

WALL TO ROOF W/ RAKE FASCIA TRIM
AT PANEL JOINT

DETAIL #: HF-WR-03-K-ROC-V

RELEASE: 2025

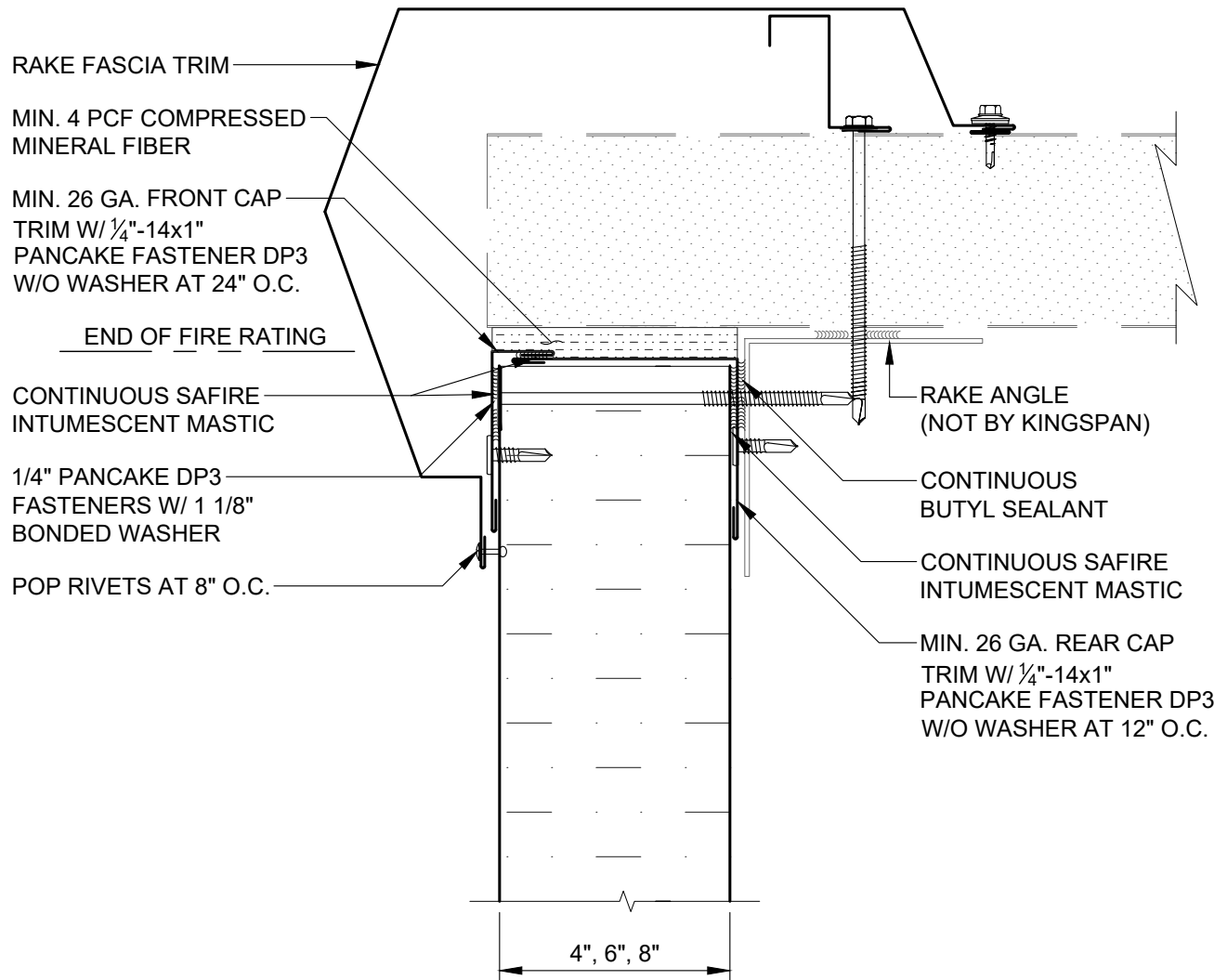
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K-ROC HF SERIES PANELS - FIRE RATED WALL

NOTE: REFER TO ROOF DETAILS
FOR ROOF INSTALLATION



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REVISION #	DATE
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WALL TO ROOF W/ RAKE FASCIA TRIM
AT MID PANEL

DETAIL #: HF-WR-04-K-ROC-V

RELEASE: 2025

REGION: NORTH AMERICA

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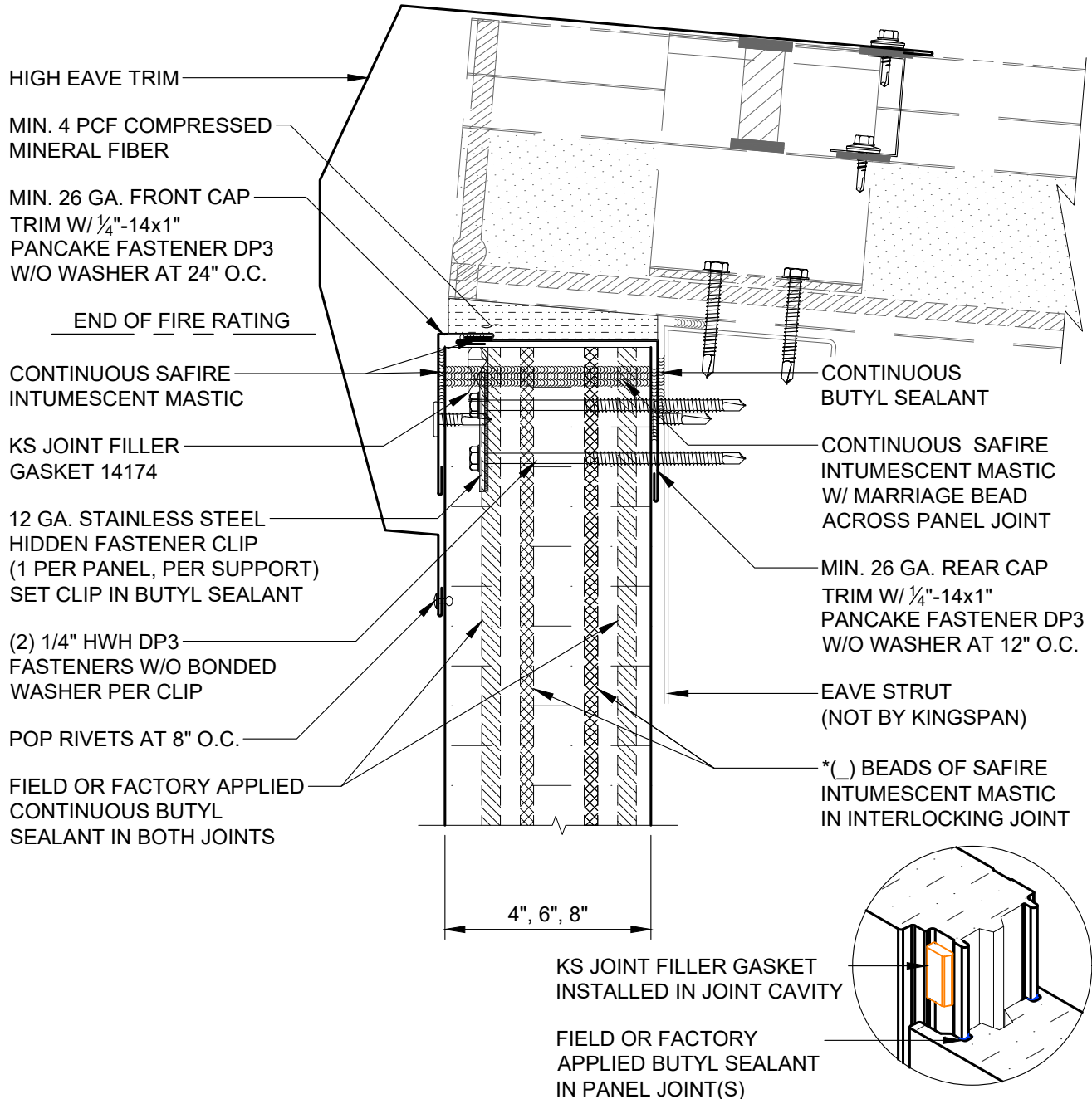


K-ROC HF SERIES PANELS - FIRE RATED WALL

NOTE: REFER TO ROOF DETAILS
FOR ROOF INSTALLATION

DETAIL DEPICTS PANEL
SECTION AT PANEL
JOINTS AND FASTENING
REQUIREMENTS

*3 BEADS OF SAFIRE INTUMESCENT
MASTIC REQUIRED FOR 6" AND 8"
PANELS (SEE DETAILS PJ-02 - PJ-03
FOR REFERENCE)



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5	11/21/25

WALL TO ROOF W/ HIGH EAVE TRIM
AT PANEL JOINT

DETAIL #: HF-WR-05-K-ROC-V

RELEASE: 2025

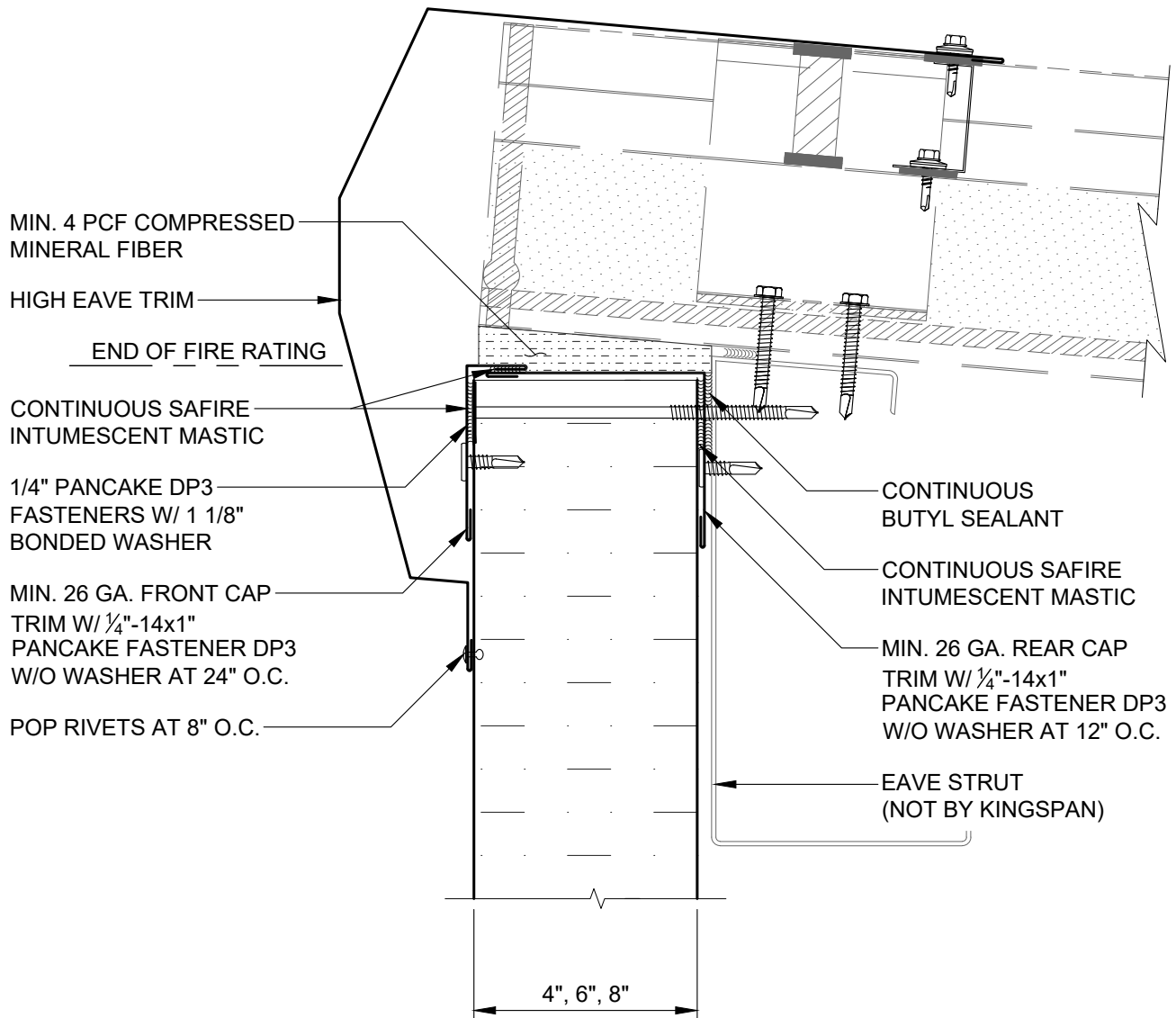
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K-ROC HF SERIES PANELS - FIRE RATED WALL

NOTE: REFER TO ROOF DETAILS
FOR ROOF INSTALLATION



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WALL TO ROOF W/ HIGH EAVE TRIM
AT MID PANEL

DETAIL #: HF-WR-06-K-ROC-V

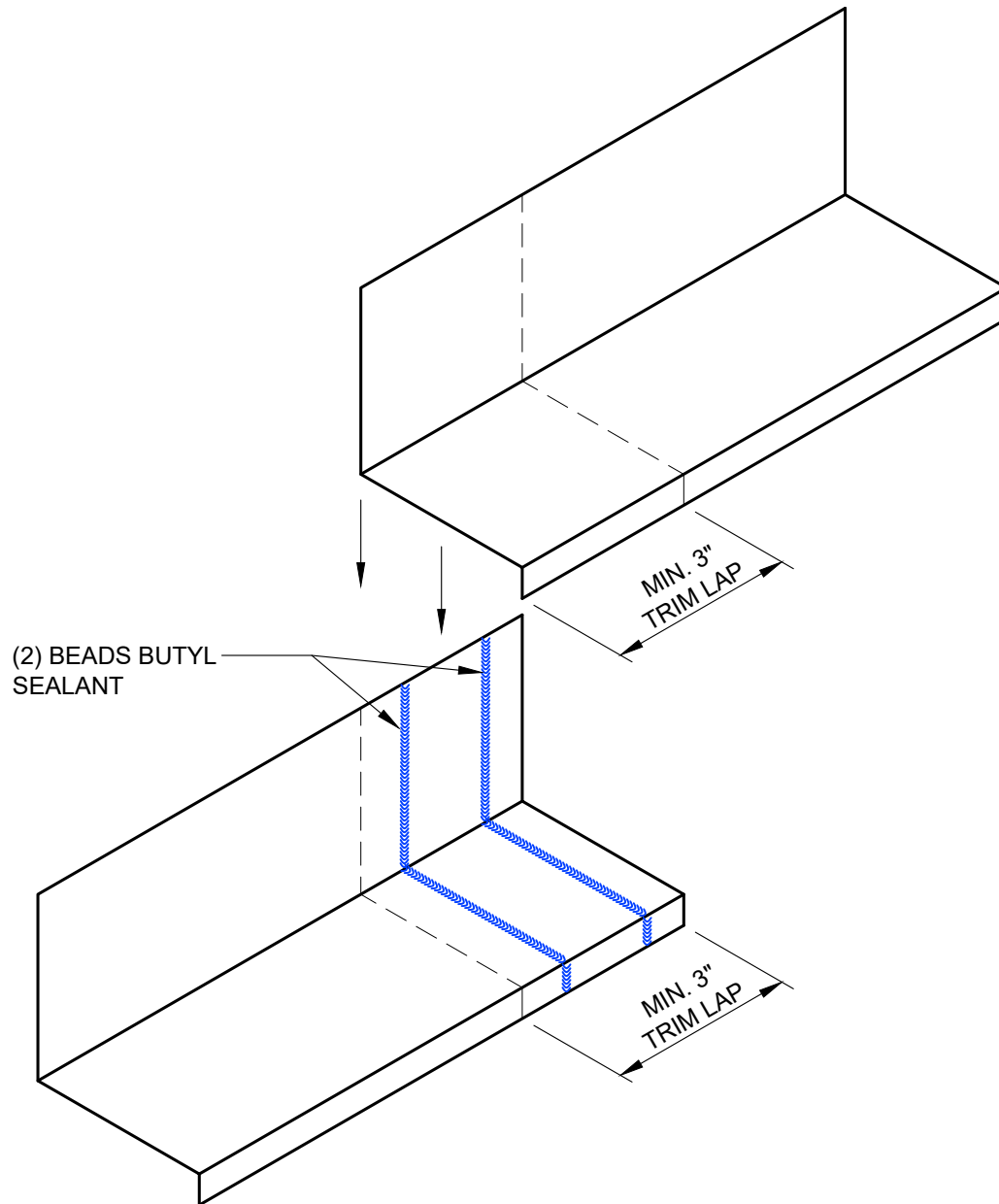
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K-ROC HF SERIES PANELS - FIRE RATED WALL



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TRIM END LAP

DETAIL #: HF-TL-01-K-ROC-V

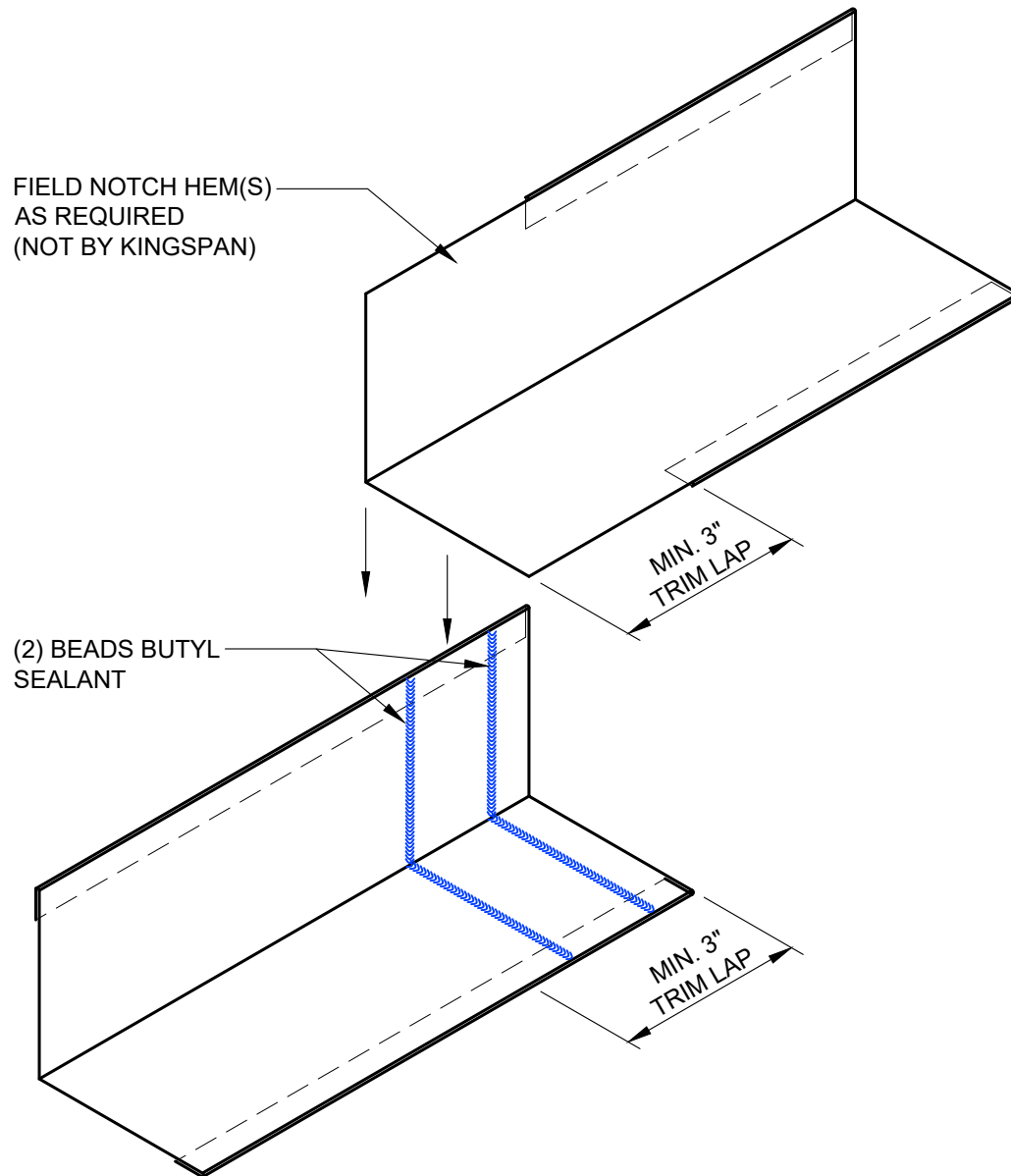
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REGION: NORTH AMERICA

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K-ROC HF SERIES PANELS - FIRE RATED WALL



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REVISION #	DATE
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TRIM END LAP W/ HEM

DETAIL #: HF-TL-02-K-ROC-V

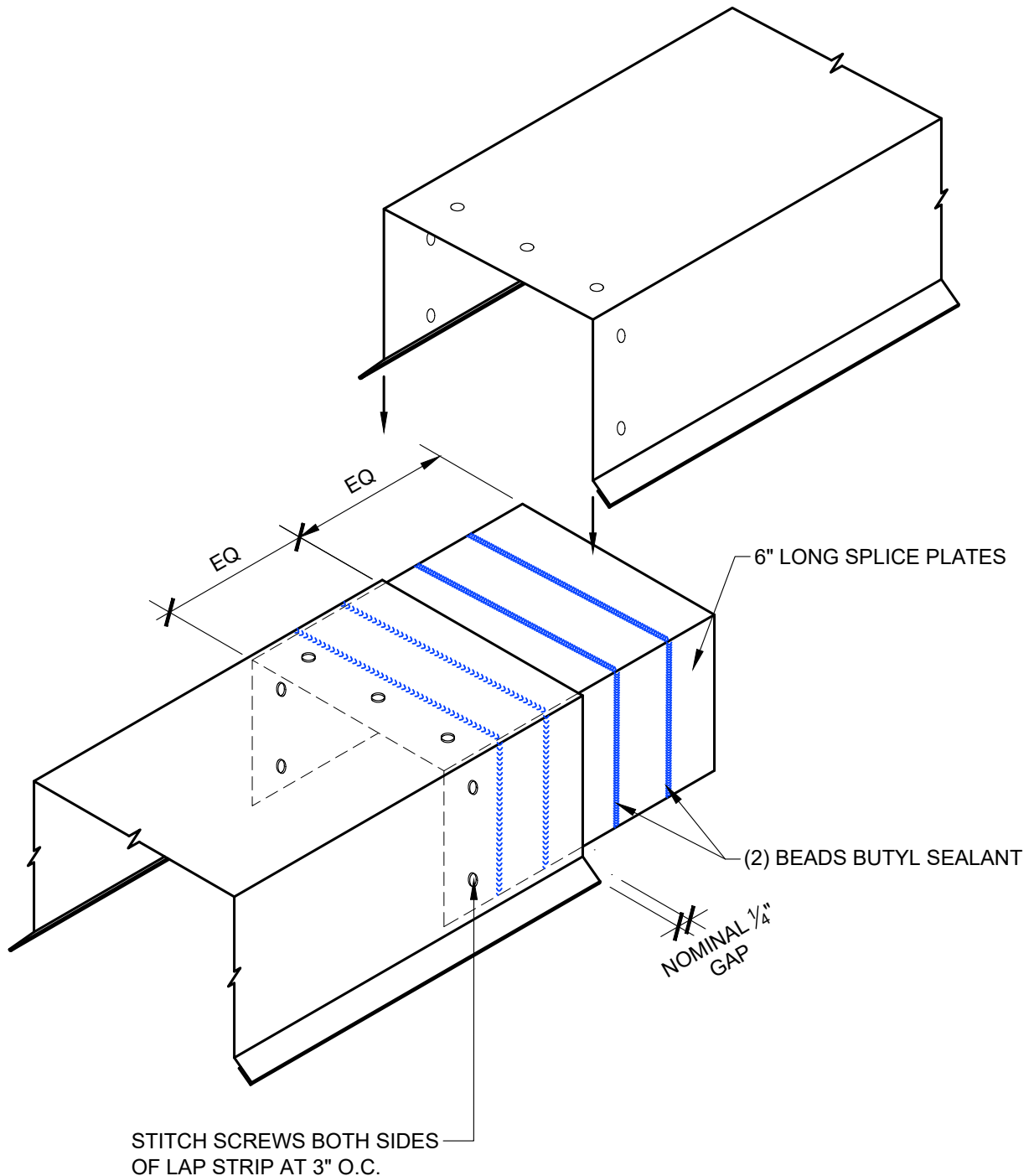
RELEASE: 2025

REGION: NORTH AMERICA

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K-ROC HF SERIES PANELS - FIRE RATED WALL



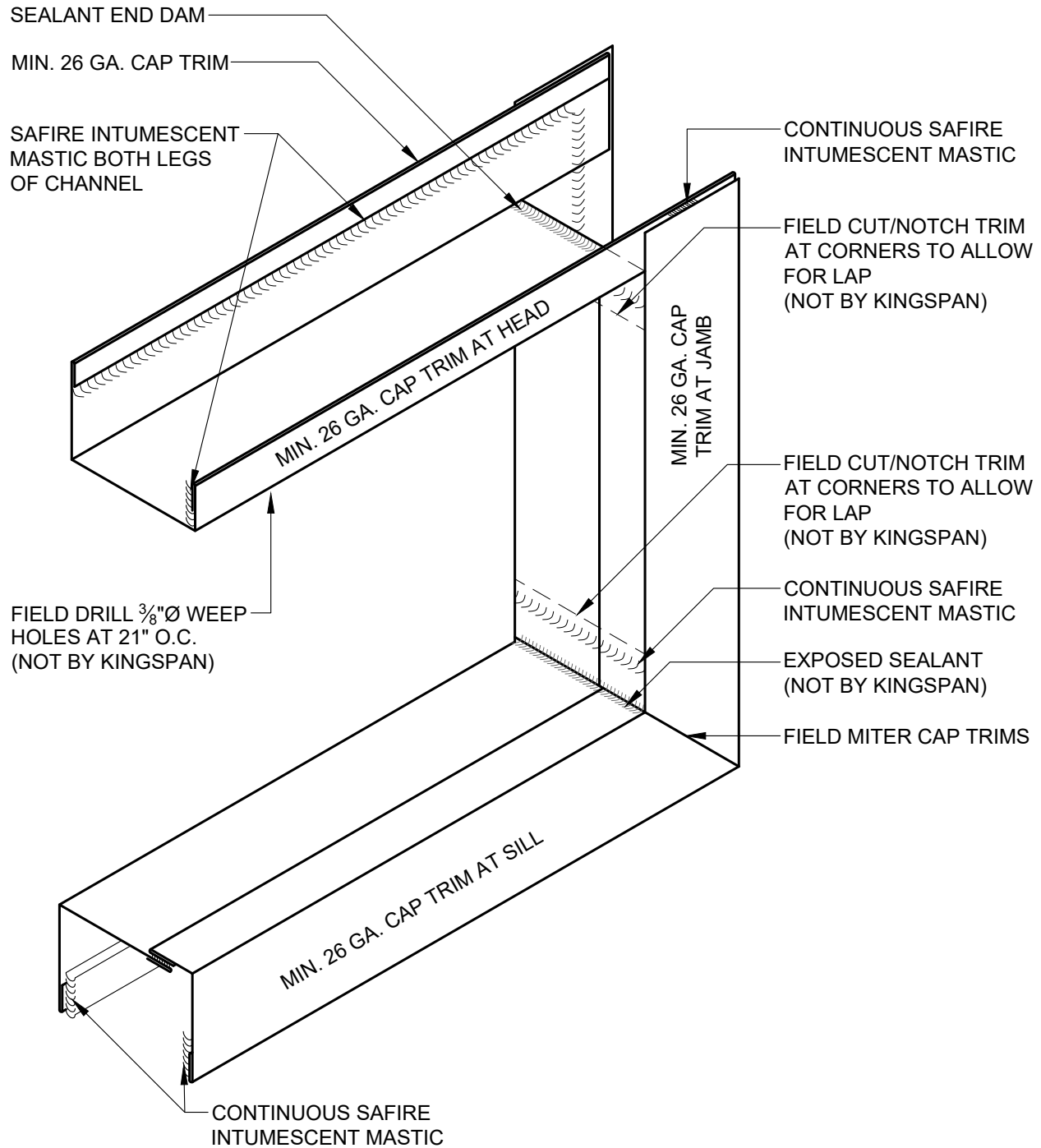
REVISION	
REVISION #	DATE
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PARAPET TRIM END LAP
W/ LAP STRIP

DETAIL #: HF-TL-03-K-ROC-V
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K-ROC HF SERIES PANELS - FIRE RATED WALL



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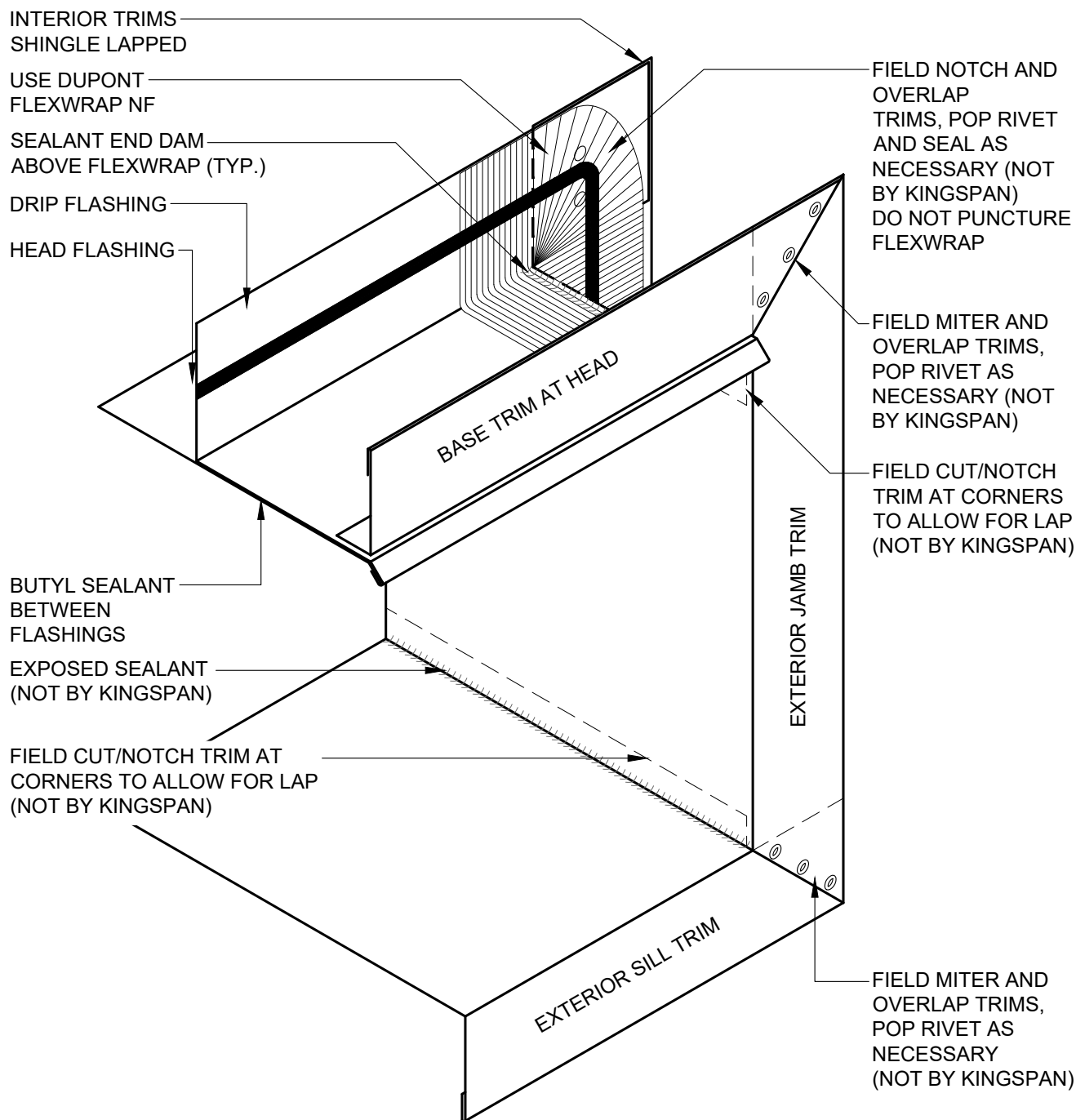
REVISION	
REVISION #	DATE
4	6/27/25

CAP TRIM
AT FRAMED OPENING

DETAIL #: HF-TL-04-K-ROC-V
RELEASE: 2025
REGION: NORTH AMERICA
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K-ROC HF SERIES PANELS - FIRE RATED WALL



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TRIM AT FRAMED OPENING

DETAIL #: HF-TL-05-K-ROC-V
RELEASE: 2025
REGION: NORTH AMERICA
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K-ROC HF SERIES PANELS - FIRE RATED WALL

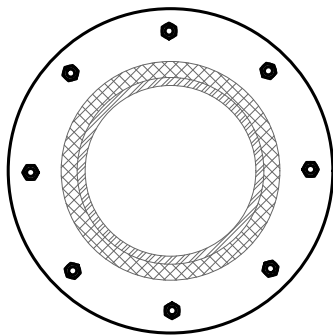
AVOID LOCATING PENETRATIONS AT JOINT LOCATIONS

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

MIN. 4 PCF COMPRESSED
MINERAL FIBER

BUTYL SEALANT
PERIMETER OF
PENETRATION

INSTALL FIRESTOP
CAULK
4800DX/3600EX MIN.
THICKNESS 1/2" AROUND
0" - 1/4" ANNULAR SPACE
ON BOTH SURFACES OF
WALL (NOT BY KINGSPAN)

BUTYL SEALANT
PERIMETER OF
PENETRATION

CONTINUOUS BUTYL
INSIDE JOINT ON WARM
SIDE

4", 6", 8"

REVISION

REVISION #	DATE
4	6/27/25

STRUCTURAL MEMBER PENETRATION

DETAIL #: HF-PN-01-K-ROC-V

RELEASE: 2025

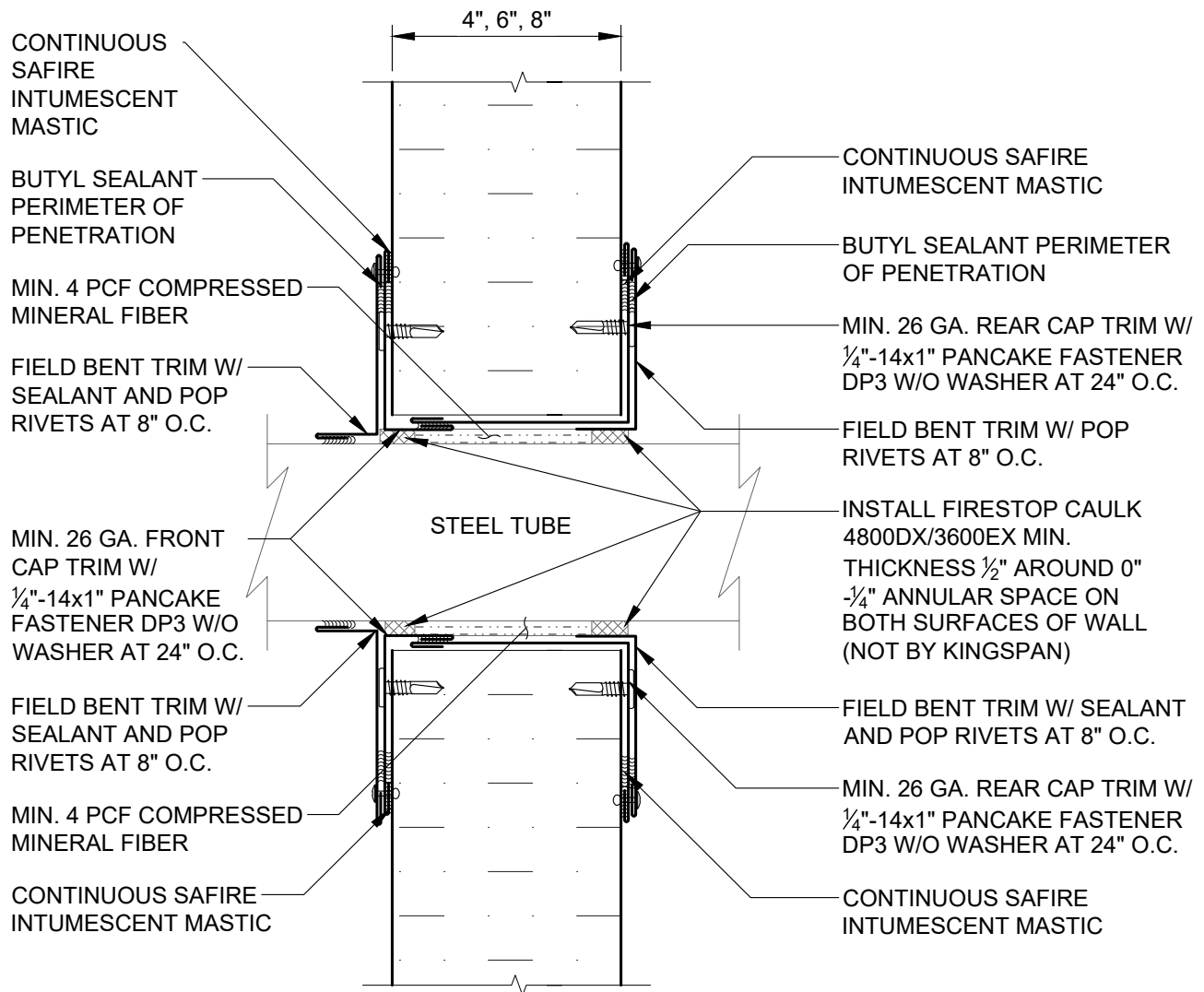
REGION: NORTH AMERICA

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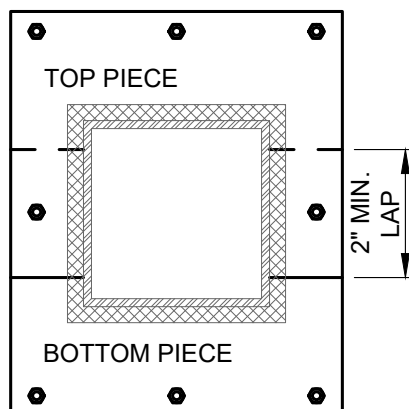


K-ROC HF SERIES PANELS - FIRE RATED WALL

AVOID LOCATING PENETRATIONS AT JOINT LOCATIONS



CUT TRIMS ON SITE TO FIT



REVISION	
REVISION #	DATE
4	6/27/25

STRUCTURAL MEMBER PENETRATION

DETAIL #: HF-PN-02-K-ROC-V

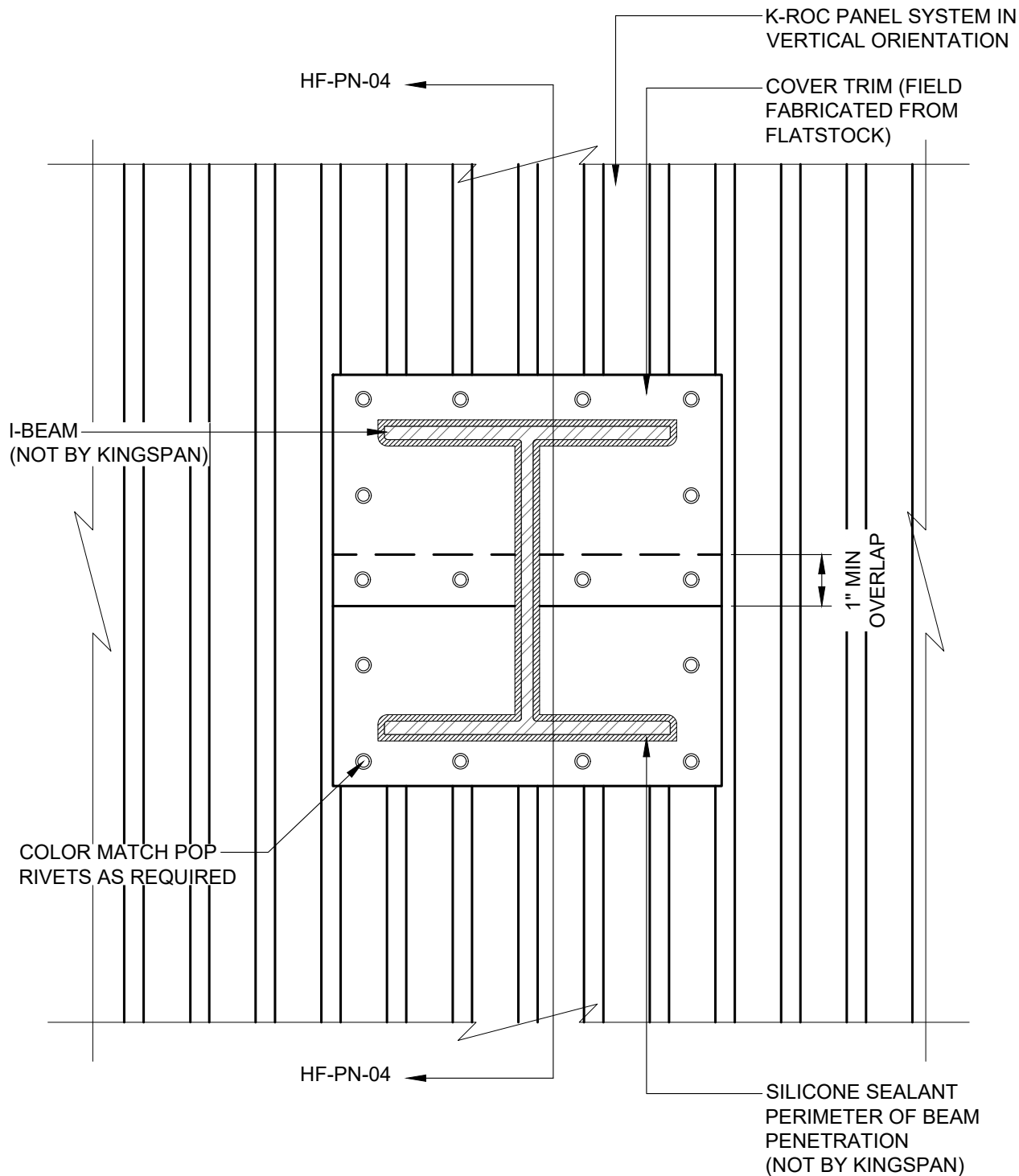
RELEASE: 2025

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REVISION	
REVISION #	DATE
4	6/27/25

I-BEAM PENETRATION ELEVATION

DETAIL #: HF-PN-03-K-ROC-V

RELEASE: 2025

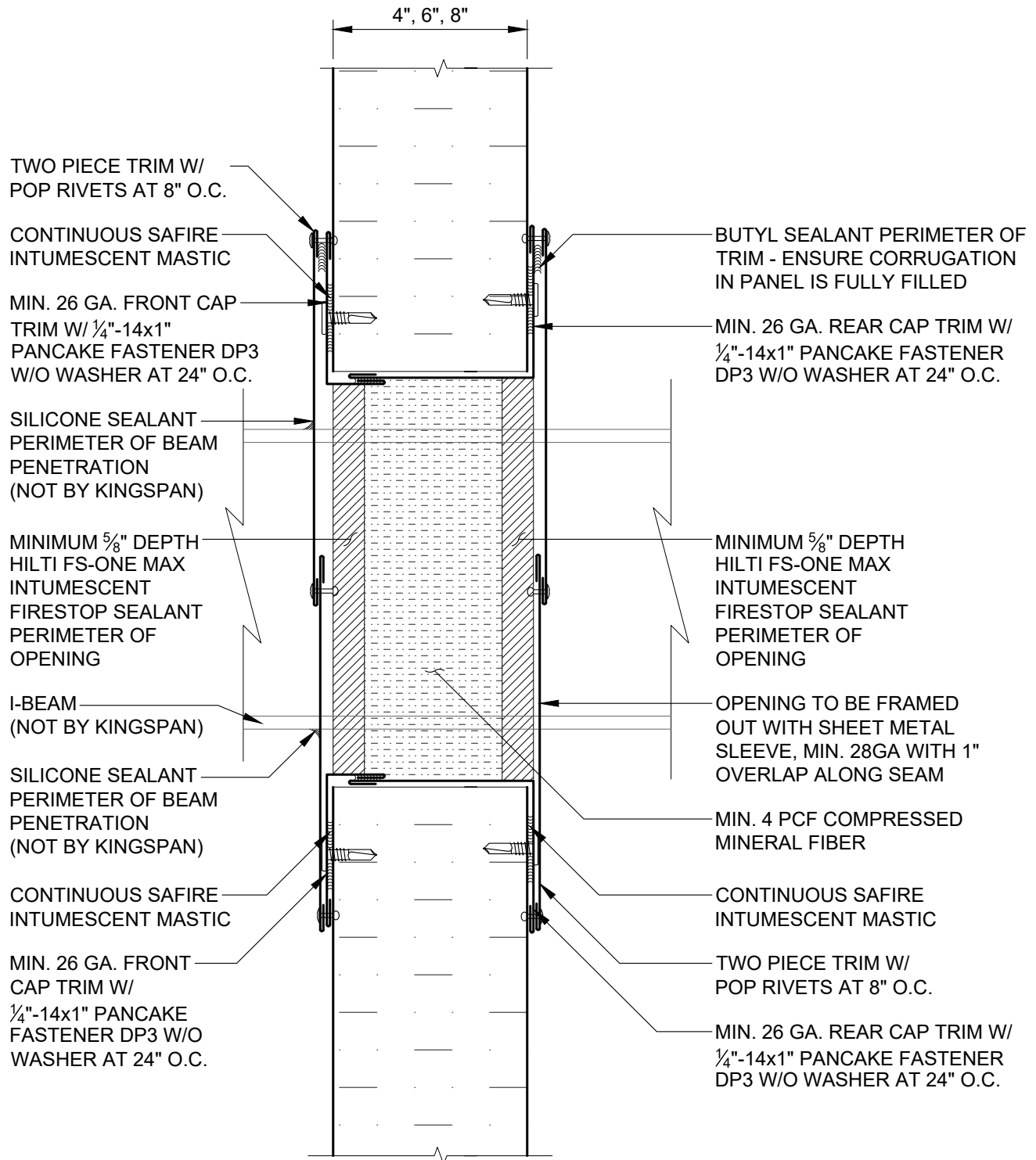
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REVISION

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I-BEAM PENETRATION SECTION

DETAIL #: HF-PN-04-K-ROC-V

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