

K-ROC FX SERIES PANELS - FIRE RATED WALL

VERTICAL PANEL INSTALLATION

CLICK TO VIEW



REVISION

0	6/10/26

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

INDEX SHEET VERTICAL PANEL
INSTALLATION

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

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

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

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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. 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.

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COMMERCIAL AND INDUSTRIAL
DISCLAIMER

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CORE DEPTHS:
4", 6", 8"

MODULE WIDTH:
42"

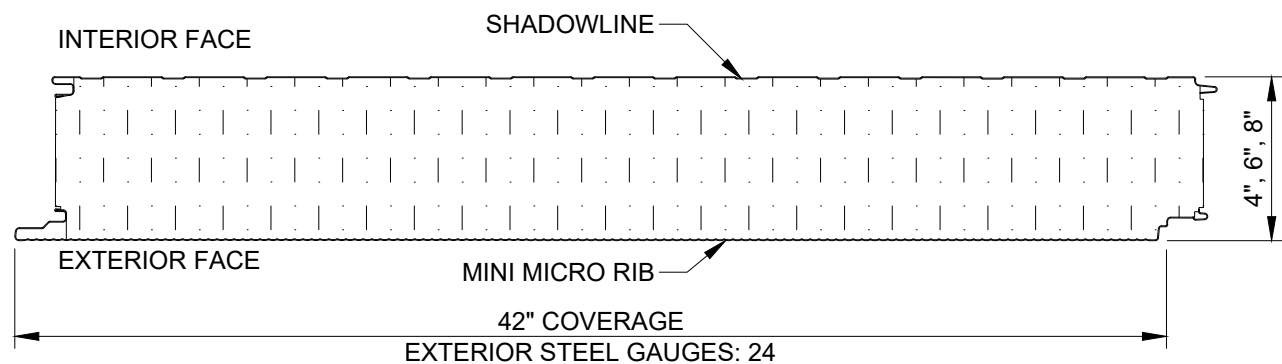
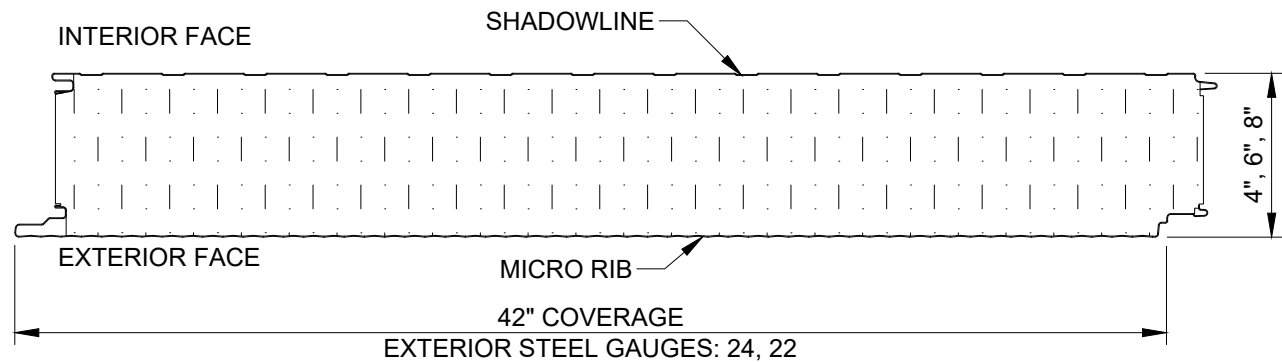
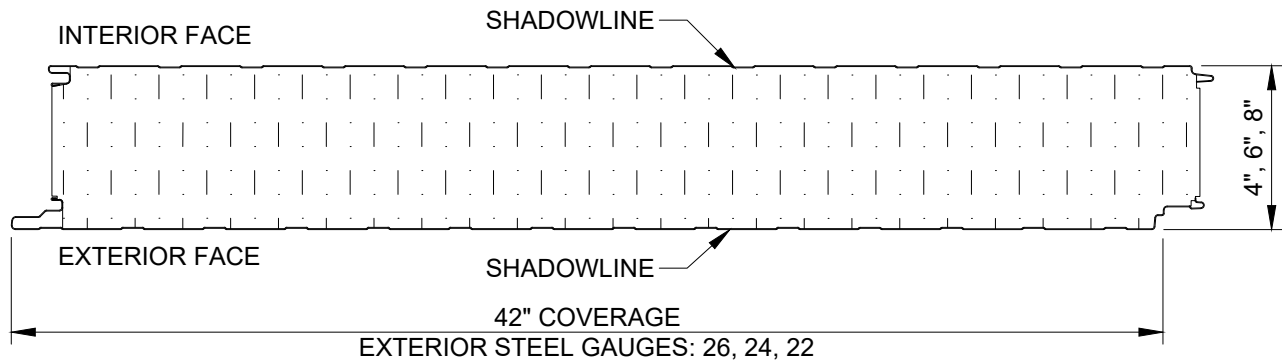
EMBOSSING:
EXTERIOR: STUCCO / NON-EMBOSSSED
INTERIOR: NON-EMBOSSSED

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

PANEL ORIENTATION:
VERTICAL

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

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



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PANEL PROFILES

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K-ROC FX SERIES PANELS - FIRE RATED WALL

CORE DEPTHS:
4", 6", 8"

MODULE WIDTH:
42"

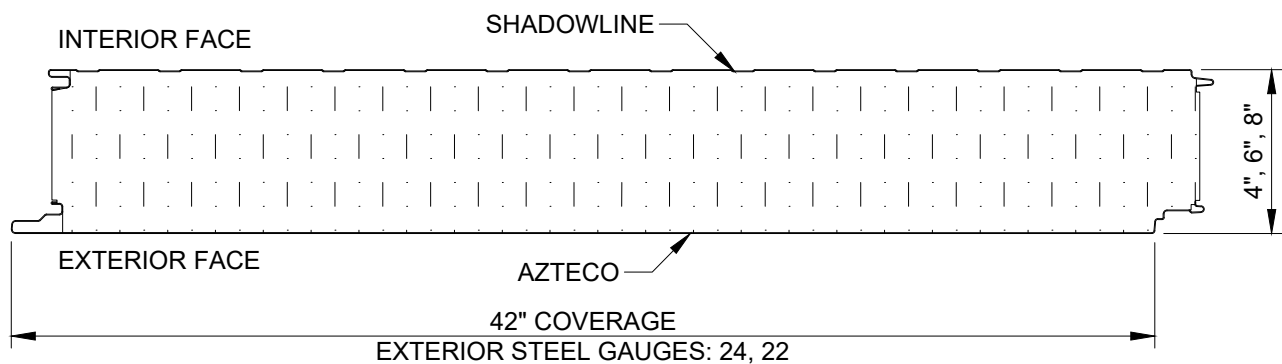
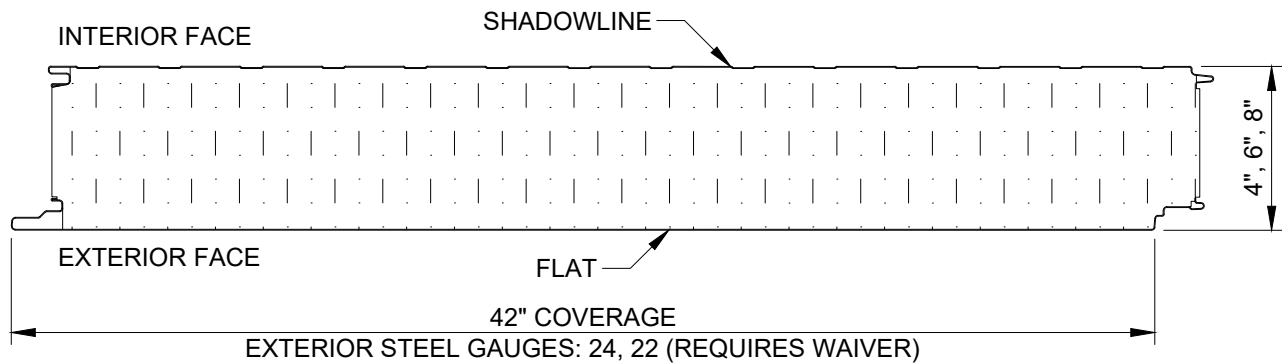
EMBOSSING:
EXTERIOR: STUCCO / NON-EMBOSSSED
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MINIMUM: 8'-0"
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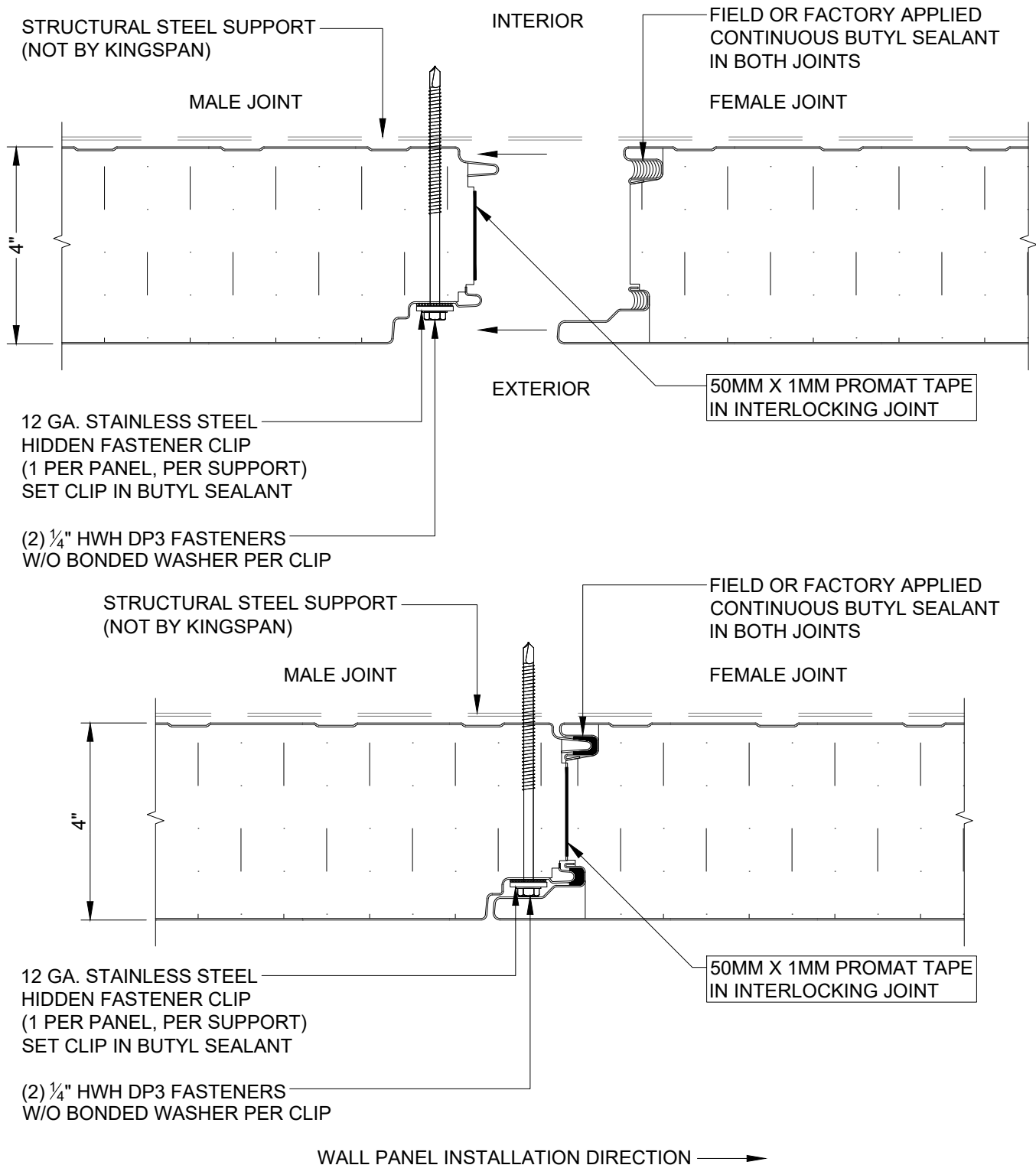
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PANEL PROFILES

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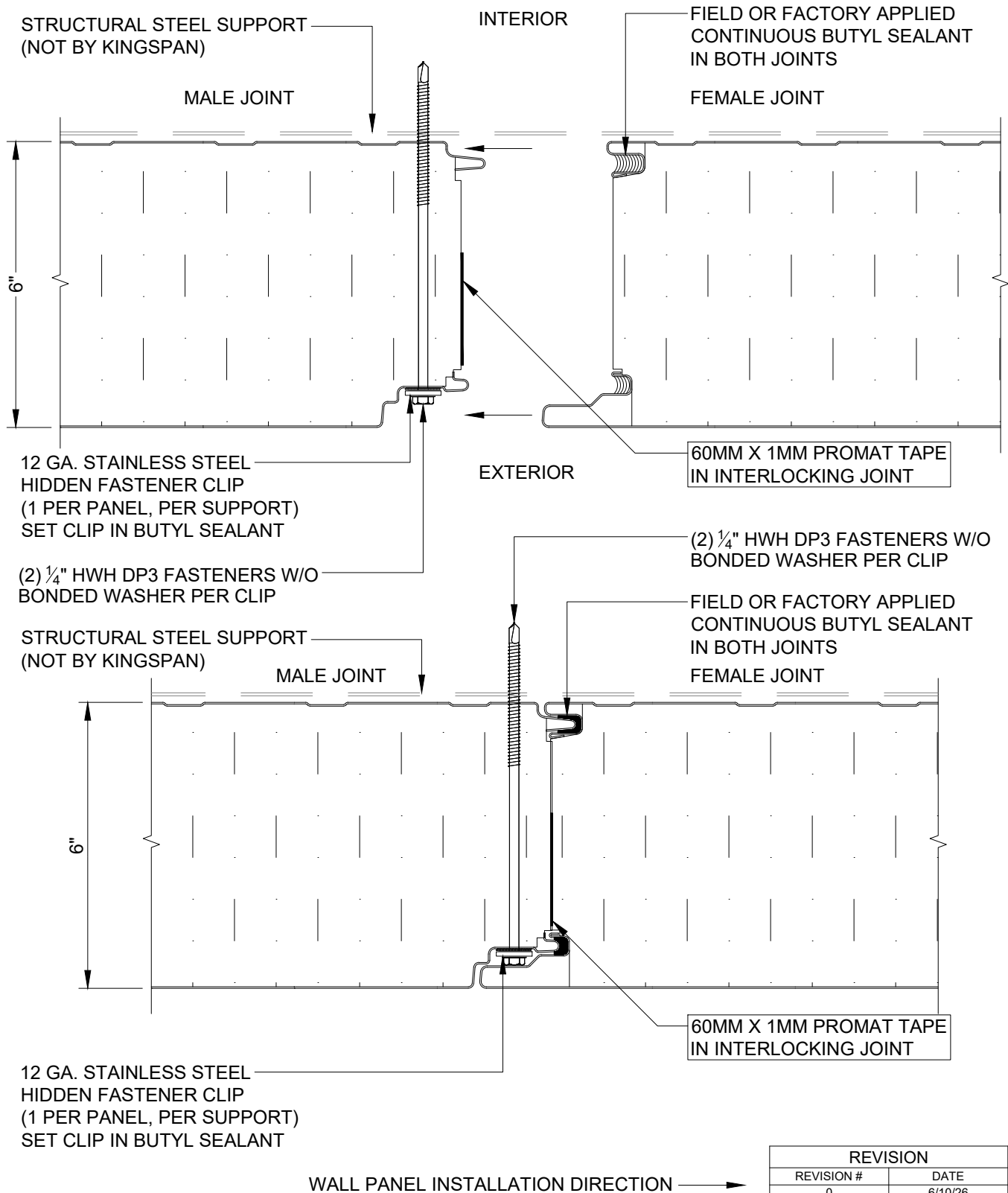
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4" PANEL JOINT

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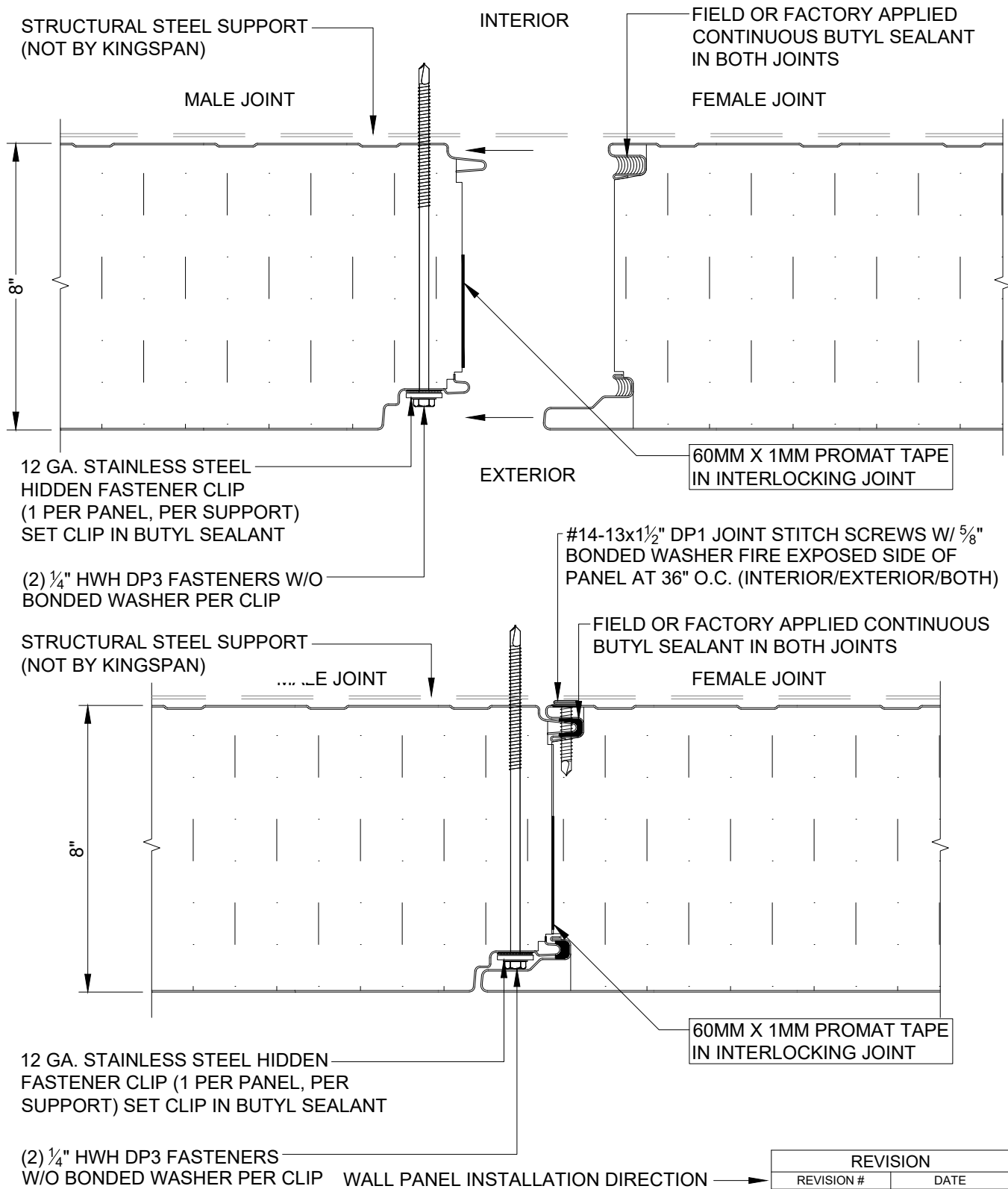


6" PANEL JOINT

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8" PANEL JOINT

DETAIL #: FX-PJ-03-K-ROC-V

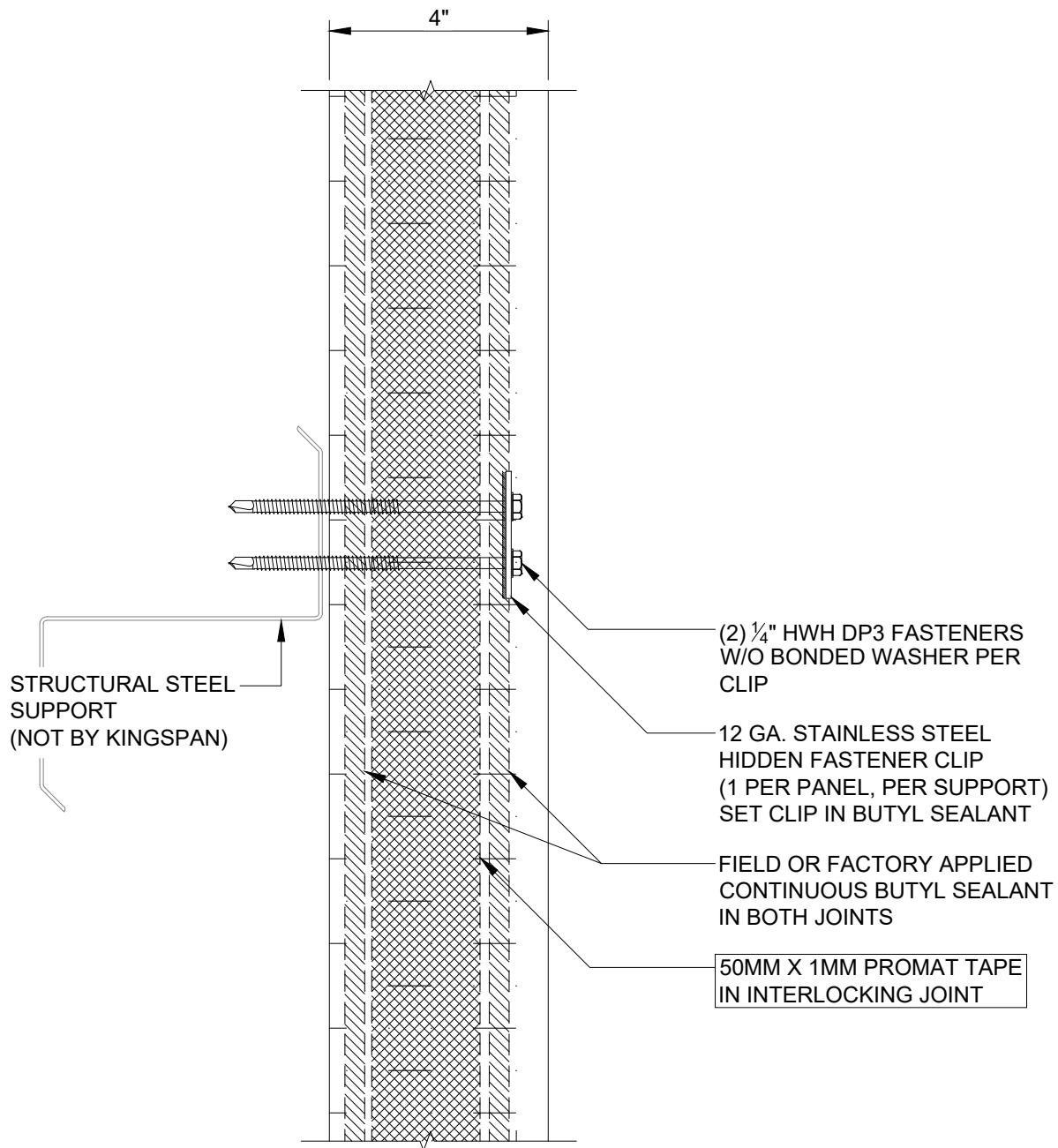
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4" SEALANTS IN JOINT

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

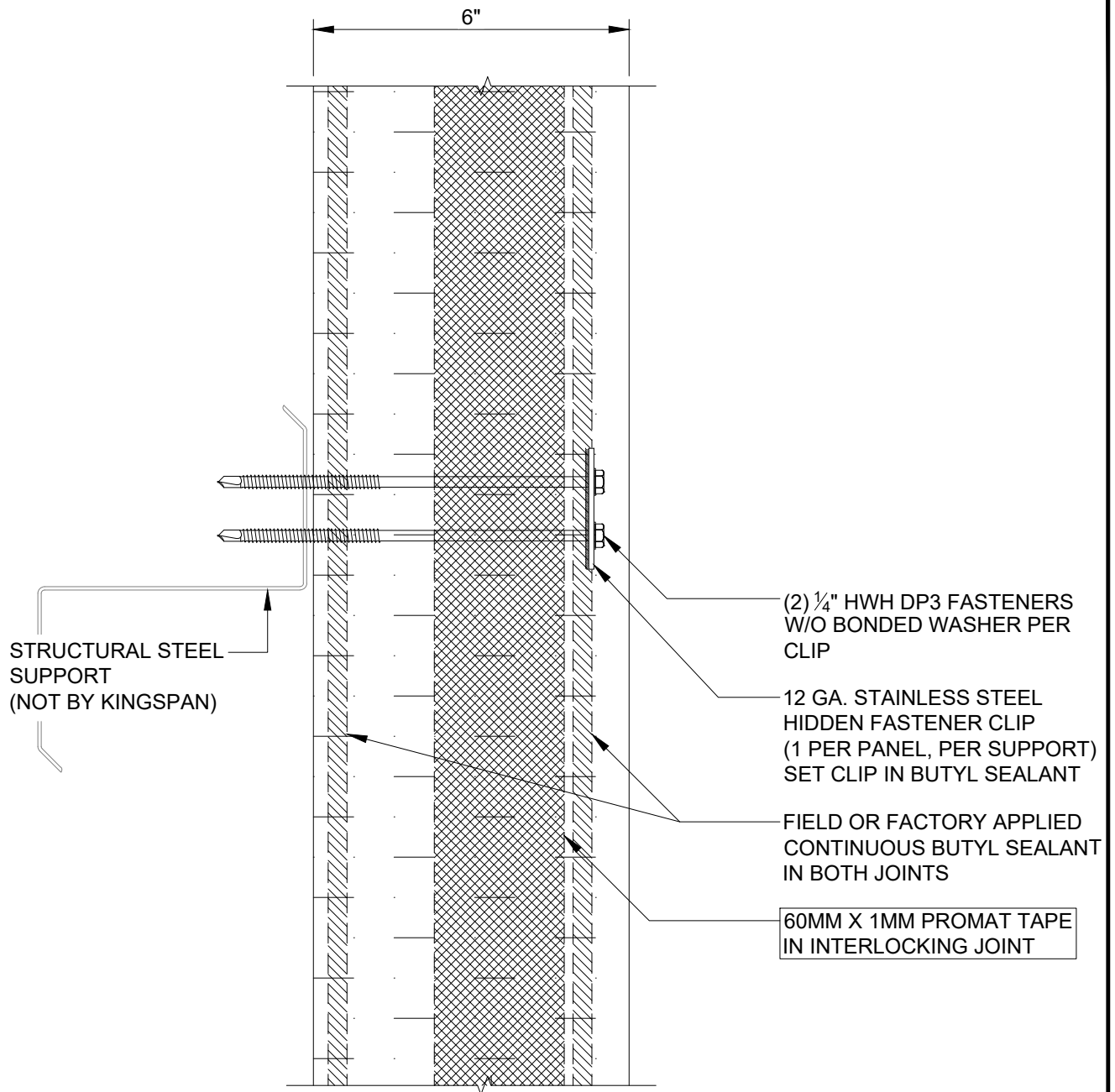
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6" SEALANTS IN JOINT

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

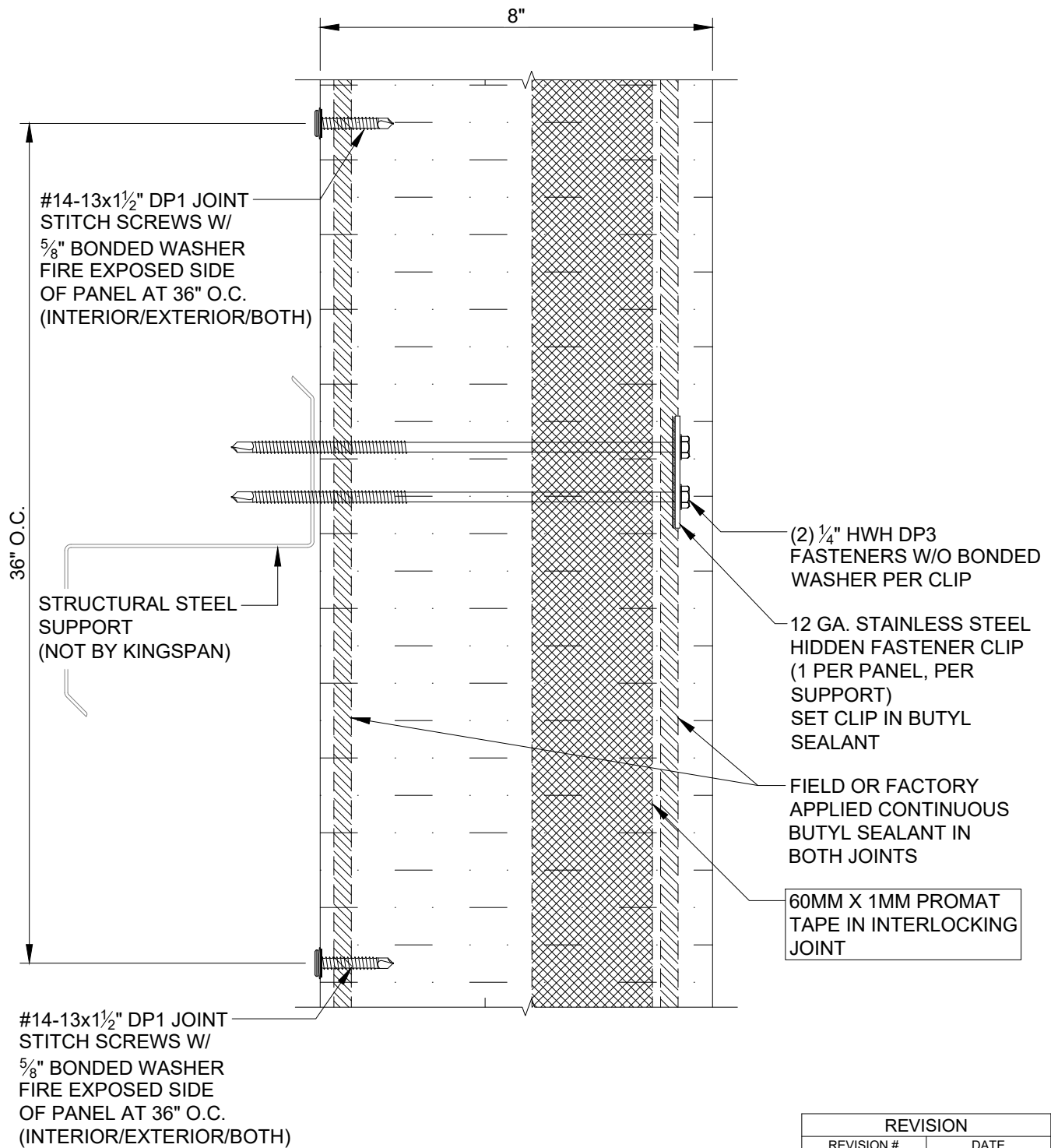
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8" SEALANTS IN JOINT

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

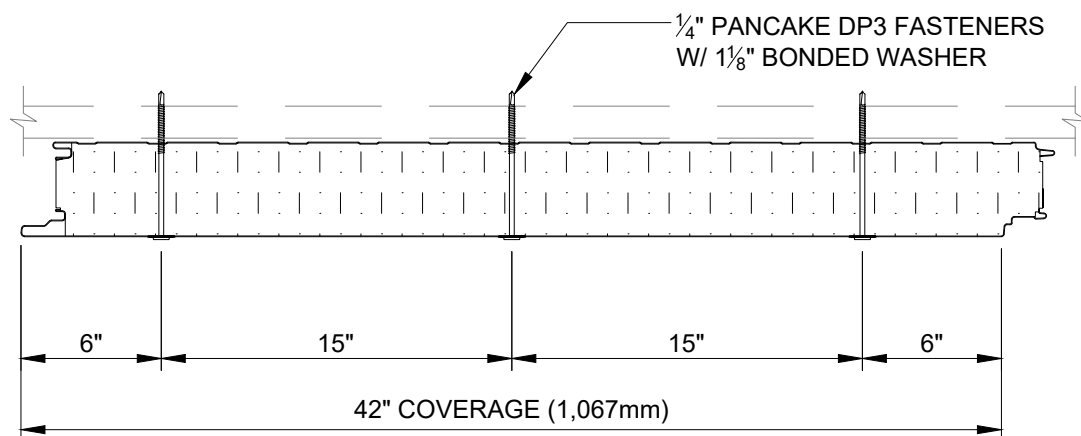
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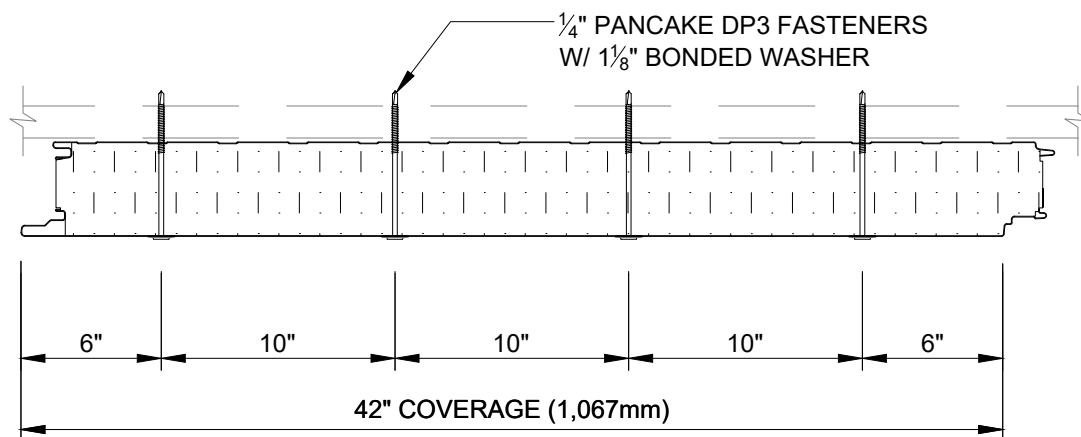
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**THROUGH FASTENING REQUIREMENTS
(3 - THROUGH FASTENER PATTERN EXAMPLE)**



**THROUGH FASTENING REQUIREMENTS
(4 - THROUGH FASTENER PATTERN EXAMPLE)**

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FASTENING PATTERNS

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8" PANEL REQUIREMENT:

#14-13x1½" DP1 JOINT STITCH SCREWS W/ ⅝" BONDED WASHER FIRE EXPOSED SIDE OF PANEL AT 36" O.C.
(INTERIOR/EXTERIOR/BOTH)

REFER DETAILS FX-PJ-01-K-ROC-V
TO FX-PJ-03-K-ROC-V FOR PROMAT
TAPE REQUIREMENTS AT PANEL
JOINTS.

SEE DETAIL FX-PJ-06-K-ROC-V FOR
INTERIOR FASTENING REQUIREMENTS

PROMAT TAPE IN INTERLOCKING JOINT

THROUGH FASTENING REQUIREMENT
(3 - THROUGH FASTENER PATTERN
EXAMPLE)

THROUGH FASTENING REQUIREMENT
(4 - THROUGH FASTENER PATTERN
EXAMPLE)

(2) ¼" HWH DP3 FASTENERS
W/O BONDED WASHER PER
CLIP

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

PROMAT TAPE IN INTERLOCKING
JOINT

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FASTENING PATTERNS ISOMETRIC

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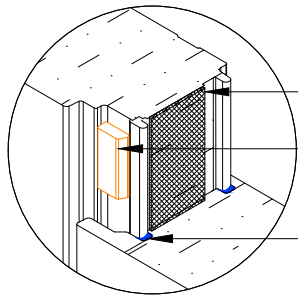
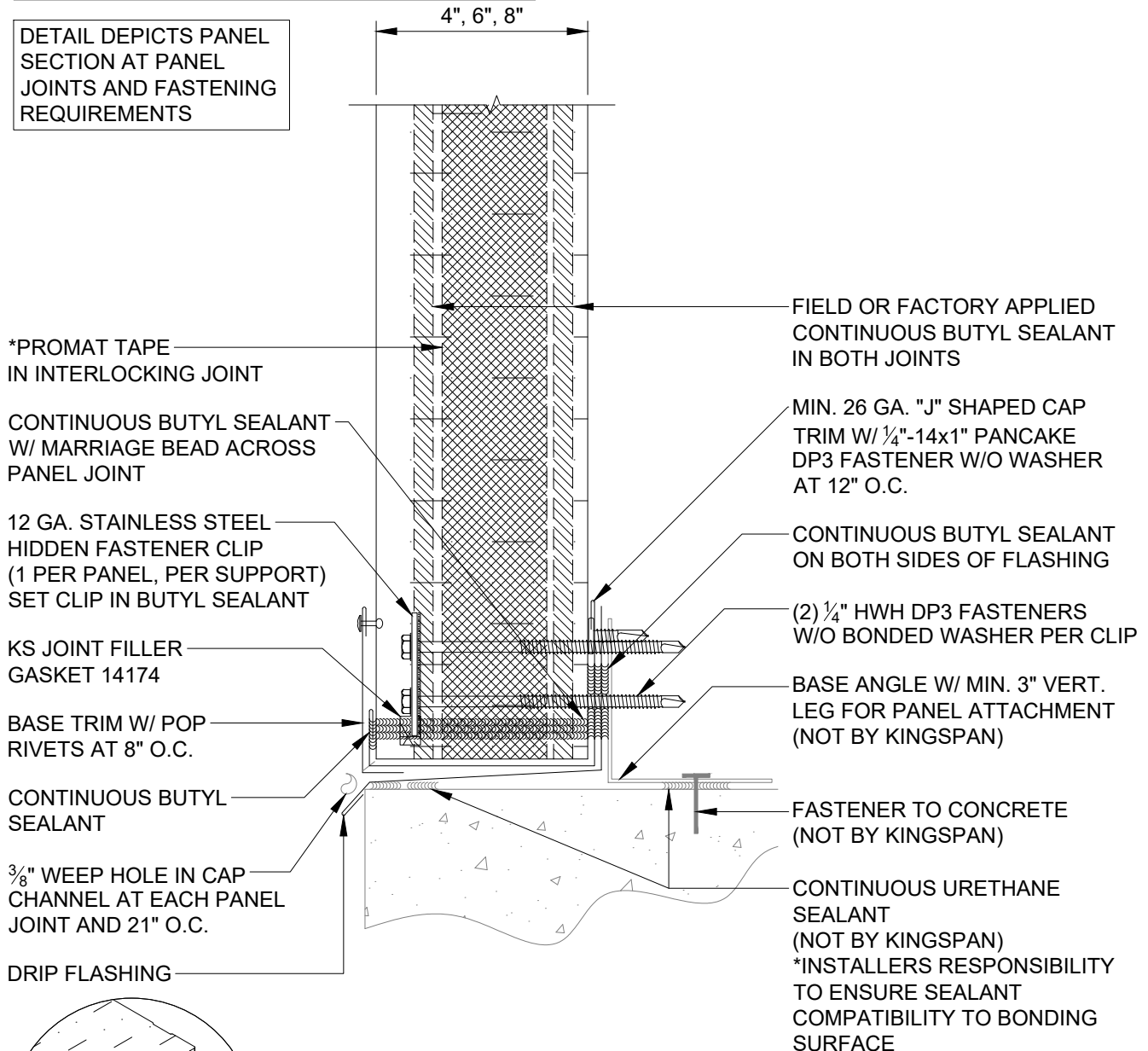
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K-ROC FX SERIES PANELS - FIRE RATED WALL

*50MM X 1MM PROMAT TAPE - 4" PANELS
(SEE DETAILS PJ-01 FOR REFERENCE)
*60MM X 1MM PROMAT TAPE - 6" AND 8" PANELS
(SEE DETAILS PJ-02 TO PJ-03 FOR REFERENCE)

DETAIL DEPICTS PANEL
SECTION AT PANEL
JOINTS AND FASTENING
REQUIREMENTS



PROMAT TAPE

KS JOINT FILLER GASKET
INSTALLED IN JOINT CAVITY

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

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

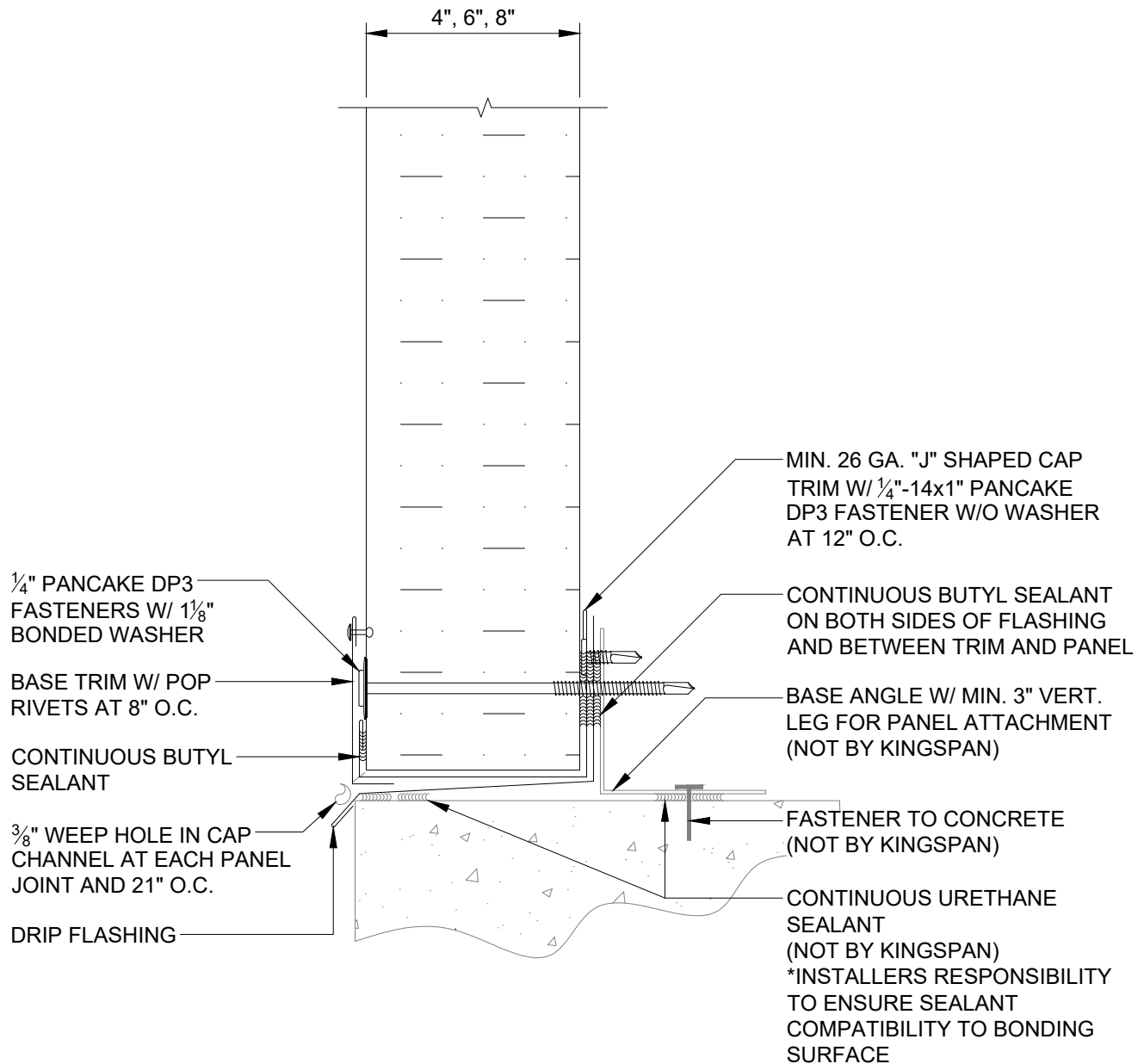
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FLUSH BASE AT PANEL JOINT

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

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FLUSH BASE AT MID PANEL

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

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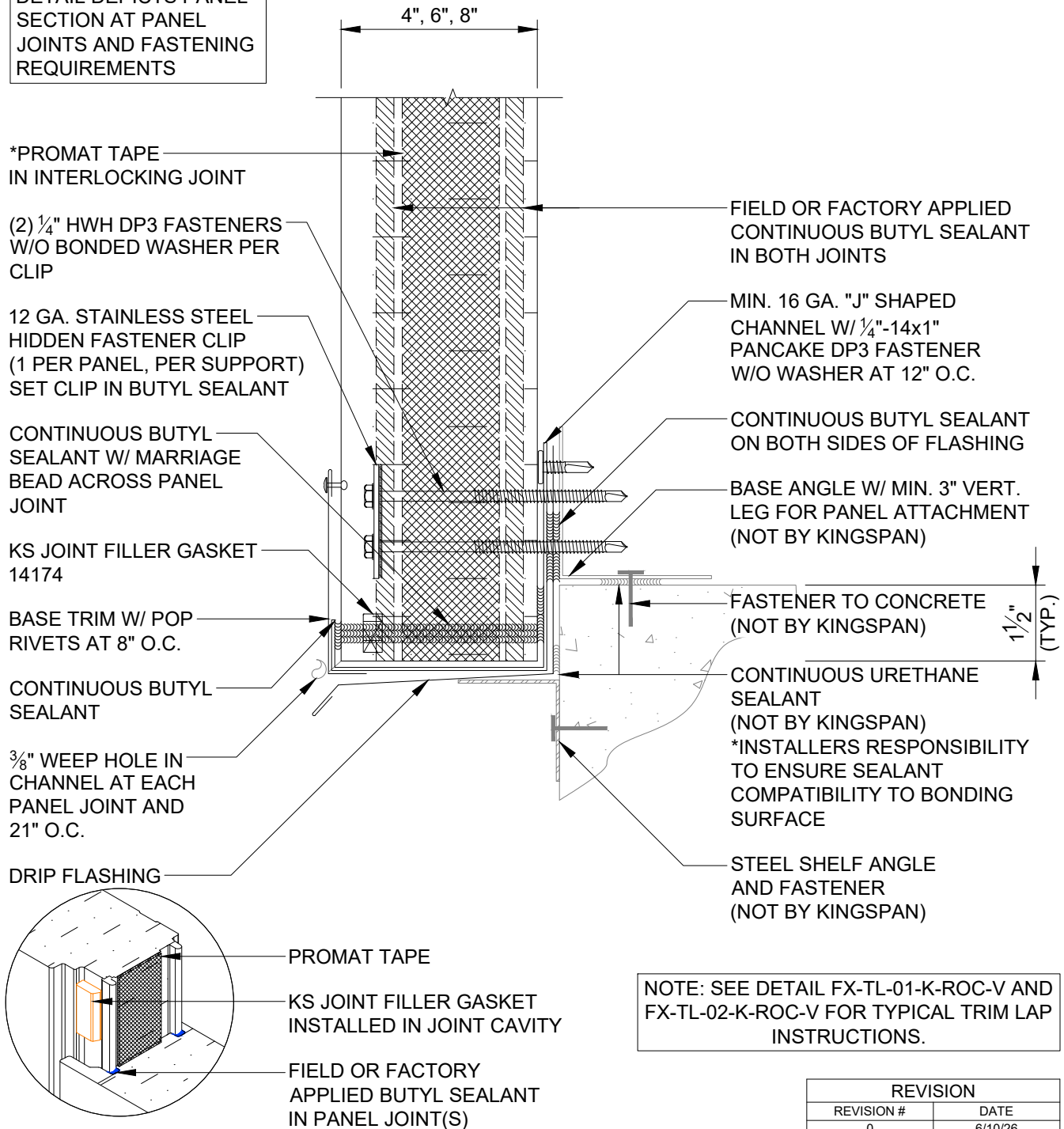
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*50MM X 1MM PROMAT TAPE - 4" PANELS
(SEE DETAILS PJ-01 FOR REFERENCE)
*60MM X 1MM PROMAT TAPE - 6" AND 8" PANELS
(SEE DETAILS PJ-02 TO PJ-03 FOR REFERENCE)

DETAIL DEPICTS PANEL
SECTION AT PANEL
JOINTS AND FASTENING
REQUIREMENTS



OVERHANG W/ BASE SUPPORT
AT PANEL JOINT

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

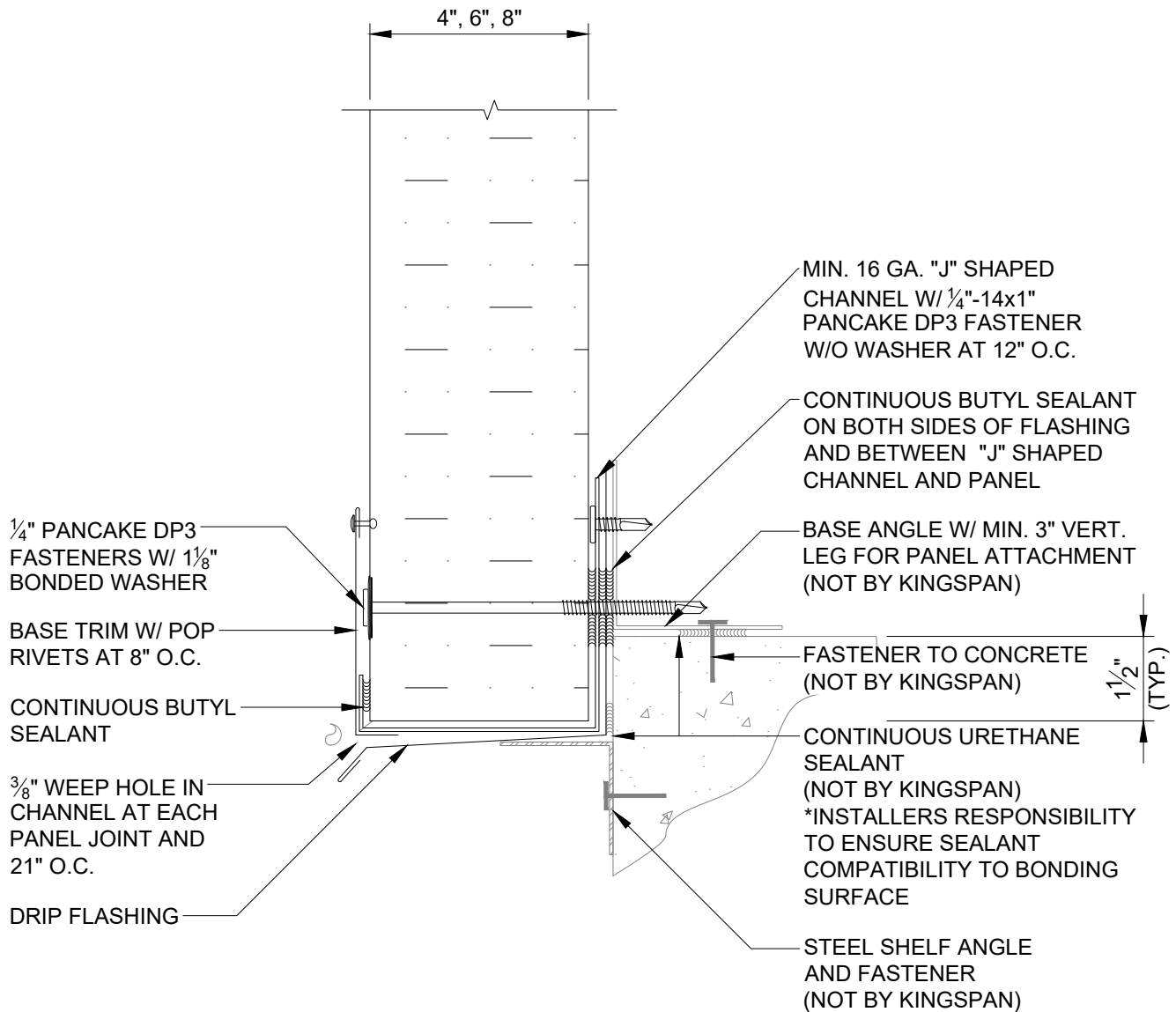
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K-ROC FX SERIES PANELS - FIRE RATED WALL



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

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OVERHANG W/ BASE SUPPORT
AT MID PANEL

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

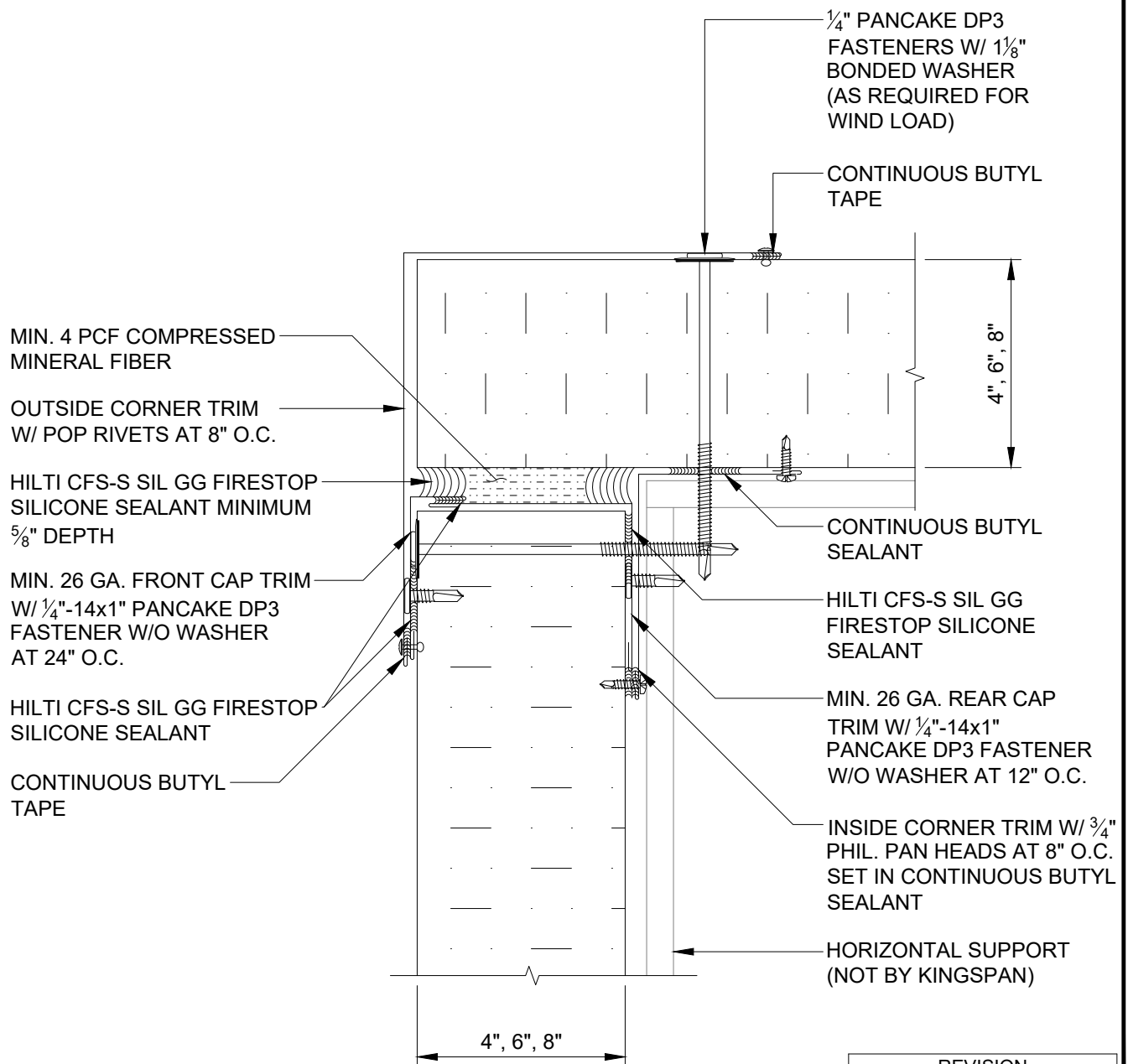
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OUTSIDE CORNER W/ FLAT TRIM

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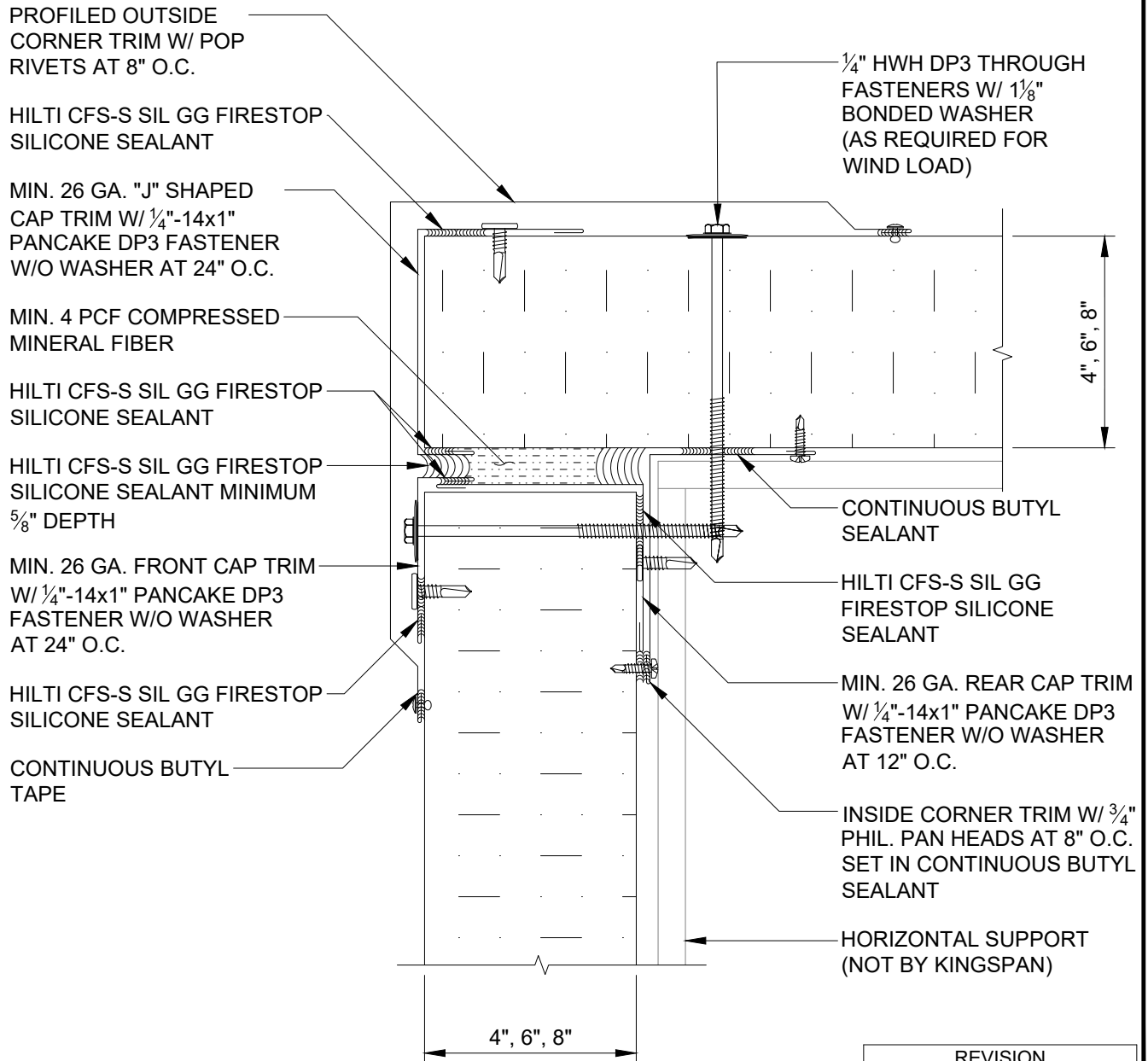
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OUTSIDE CORNER W/ PROFILED TRIM

DETAIL #: FX-OC-02-K-ROC-V

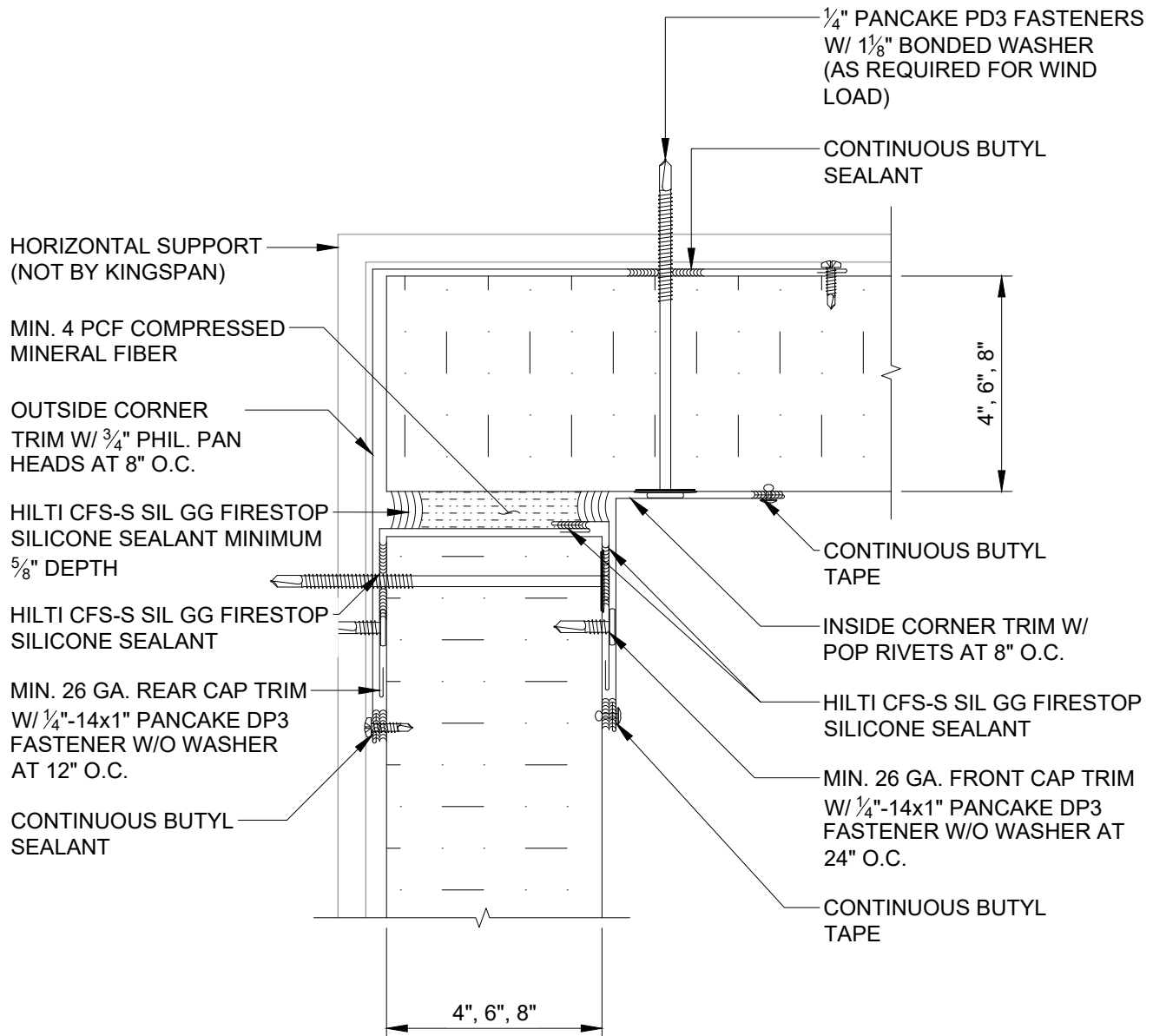
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INSIDE CORNER W/ FLAT TRIM

DETAIL #: FX-IC-01-K-ROC-V

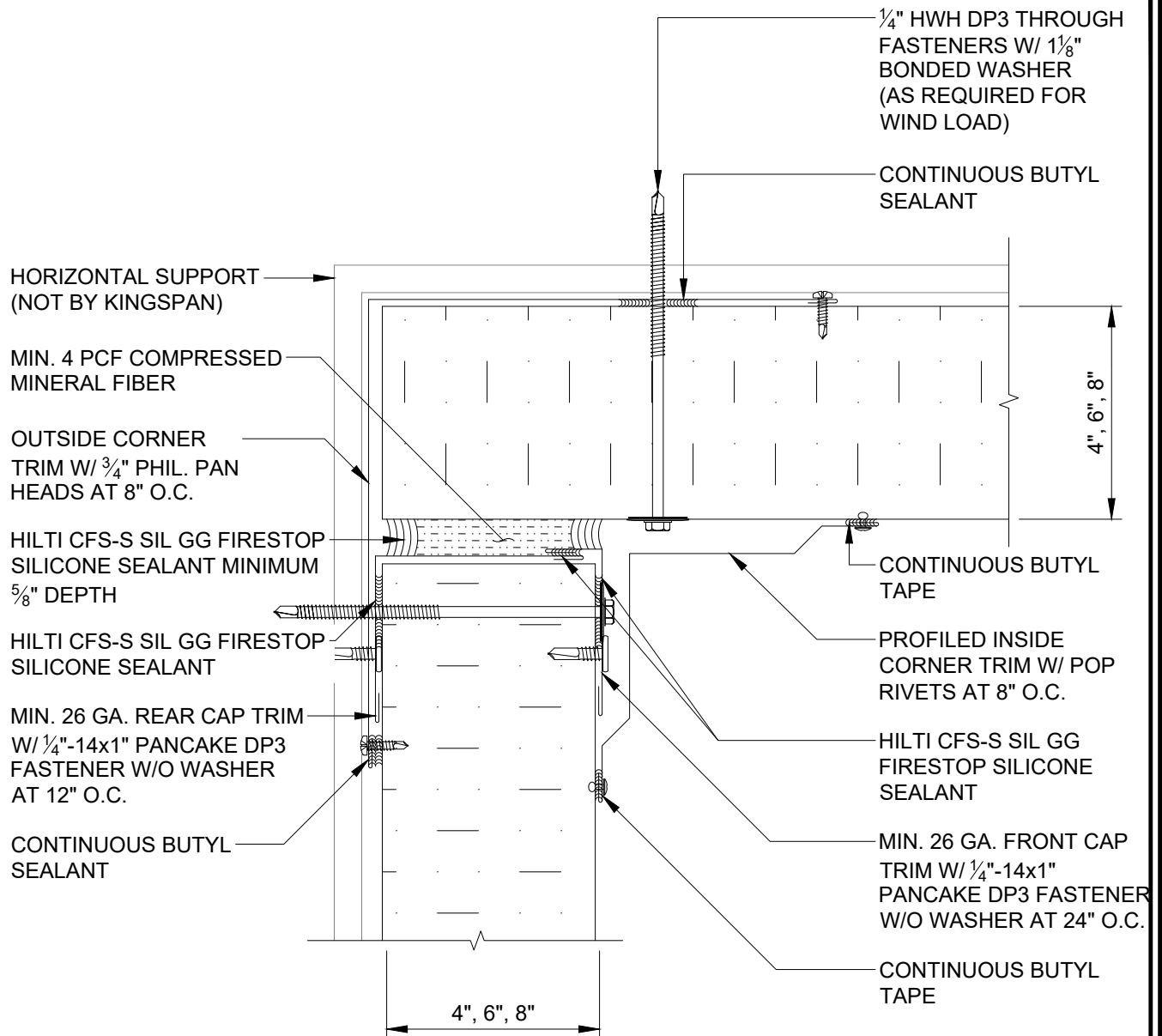
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INSIDE CORNER W/ PROFILED TRIM

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

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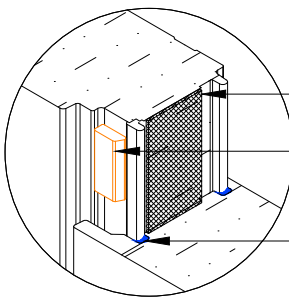
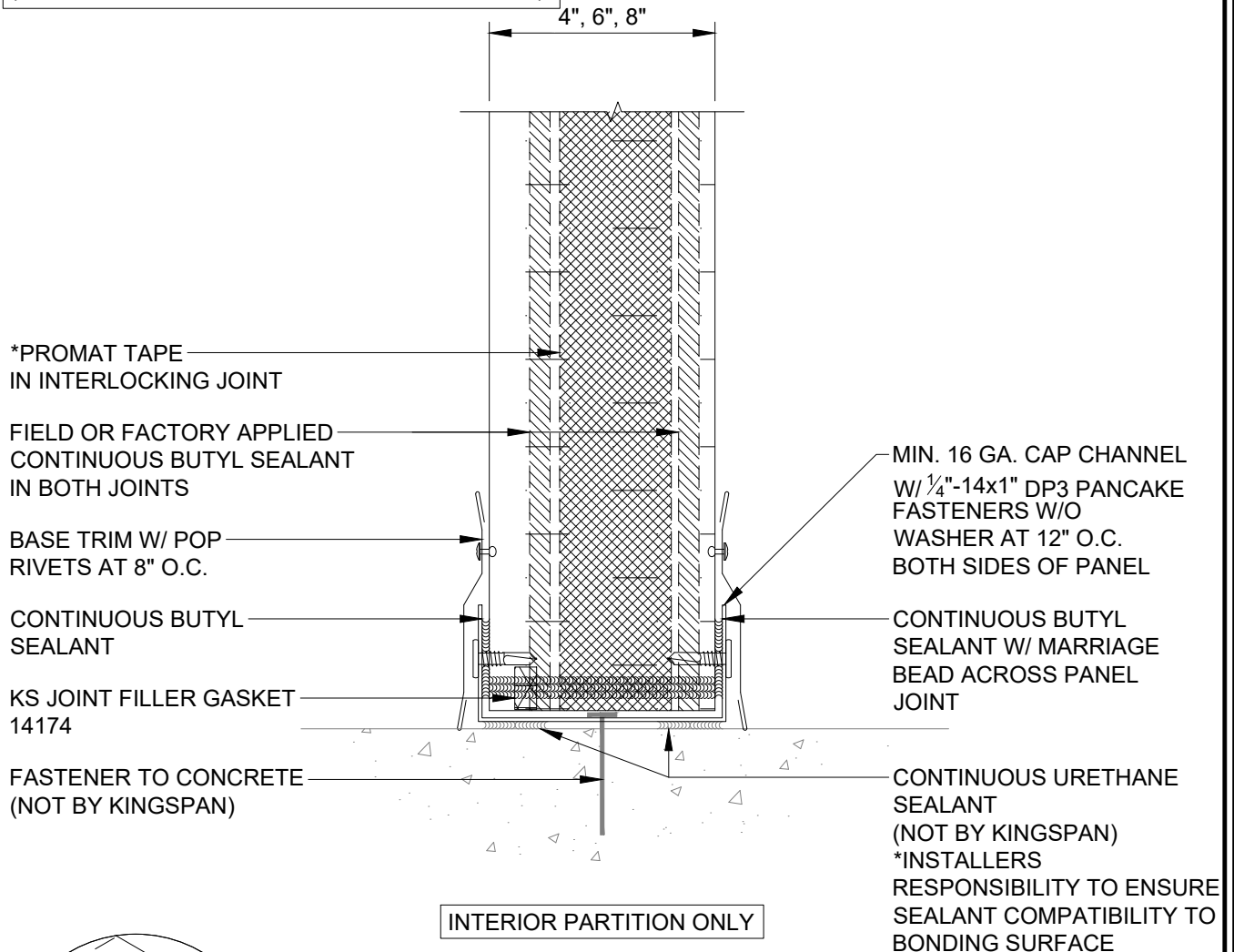


K-ROC FX SERIES PANELS - FIRE RATED WALL

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

DETAIL DEPICTS PANEL SECTION AT PANEL JOINTS AND FASTENING REQUIREMENTS

*50MM X 1MM PROMAT TAPE - 4" PANELS
(SEE DETAILS PJ-01 FOR REFERENCE)
*60MM X 1MM PROMAT TAPE - 6" AND 8" PANELS
(SEE DETAILS PJ-02 TO PJ-03 FOR REFERENCE)



PROMAT TAPE

KS JOINT FILLER GASKET
INSTALLED IN JOINT CAVITY

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

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BASE DETAIL - PARTITION
AT PANEL JOINT

DETAIL #: FX-IP-01-K-ROC-V

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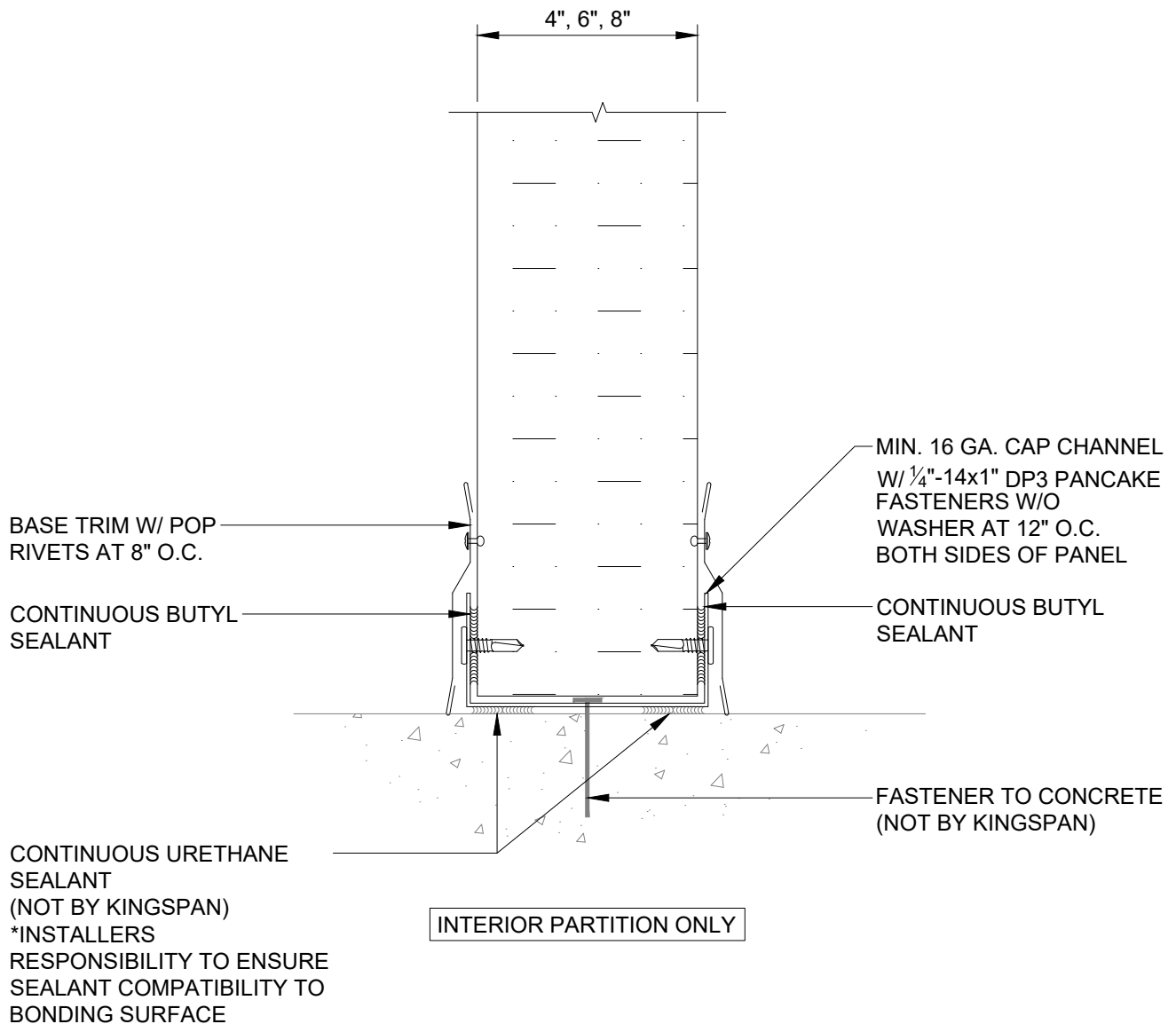
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K-ROC FX SERIES PANELS - FIRE RATED WALL

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



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BASE DETAIL - PARTITION
AT MID PANEL

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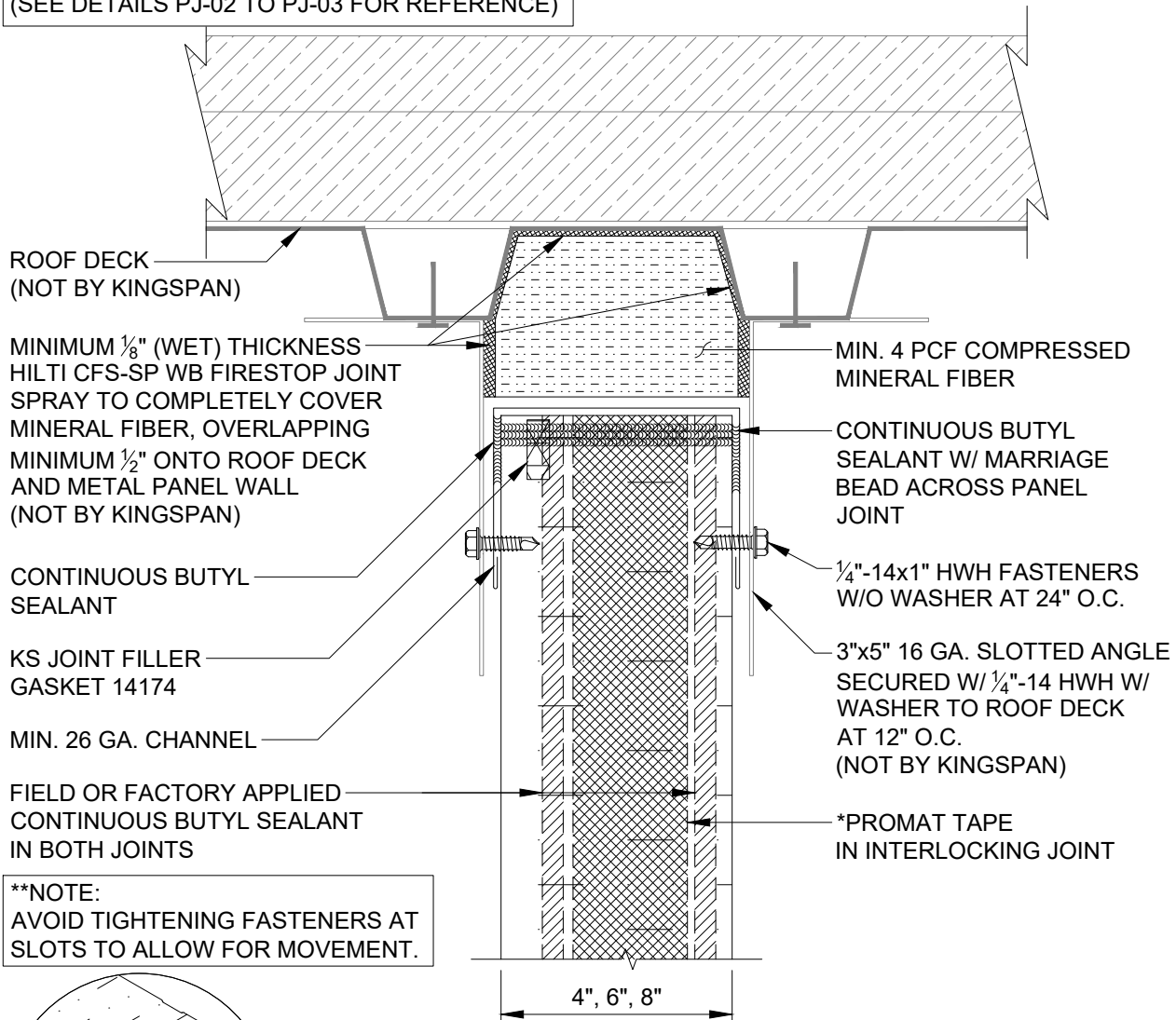


K-ROC FX SERIES PANELS - FIRE RATED WALL

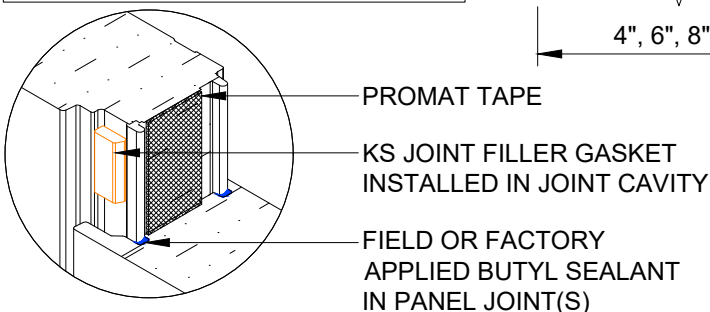
PARTITION DETAILS: 8" PANELS REQUIRE STITCH FASTENING AT FIRE EXPOSED SIDE OF PANEL AT 36" O.C. (INTERIOR/EXTERIOR/BOTH)
SEE DETAIL FX-PJ-03-K-ROC-V FOR MORE INFORMATION.

DETAIL DEPICTS PANEL SECTION AT PANEL JOINTS AND FASTENING REQUIREMENTS

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(SEE DETAILS PJ-01 FOR REFERENCE)
*60MM X 1MM PROMAT TAPE - 6" AND 8" PANELS
(SEE DETAILS PJ-02 TO PJ-03 FOR REFERENCE)



****NOTE:**
AVOID TIGHTENING FASTENERS AT SLOTS TO ALLOW FOR MOVEMENT.



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FIRE RATED ASSEMBLY PARTITION
WALL TO ROOF

DETAIL #: FX-IP-03-K-ROC-V

RELEASE: 2026

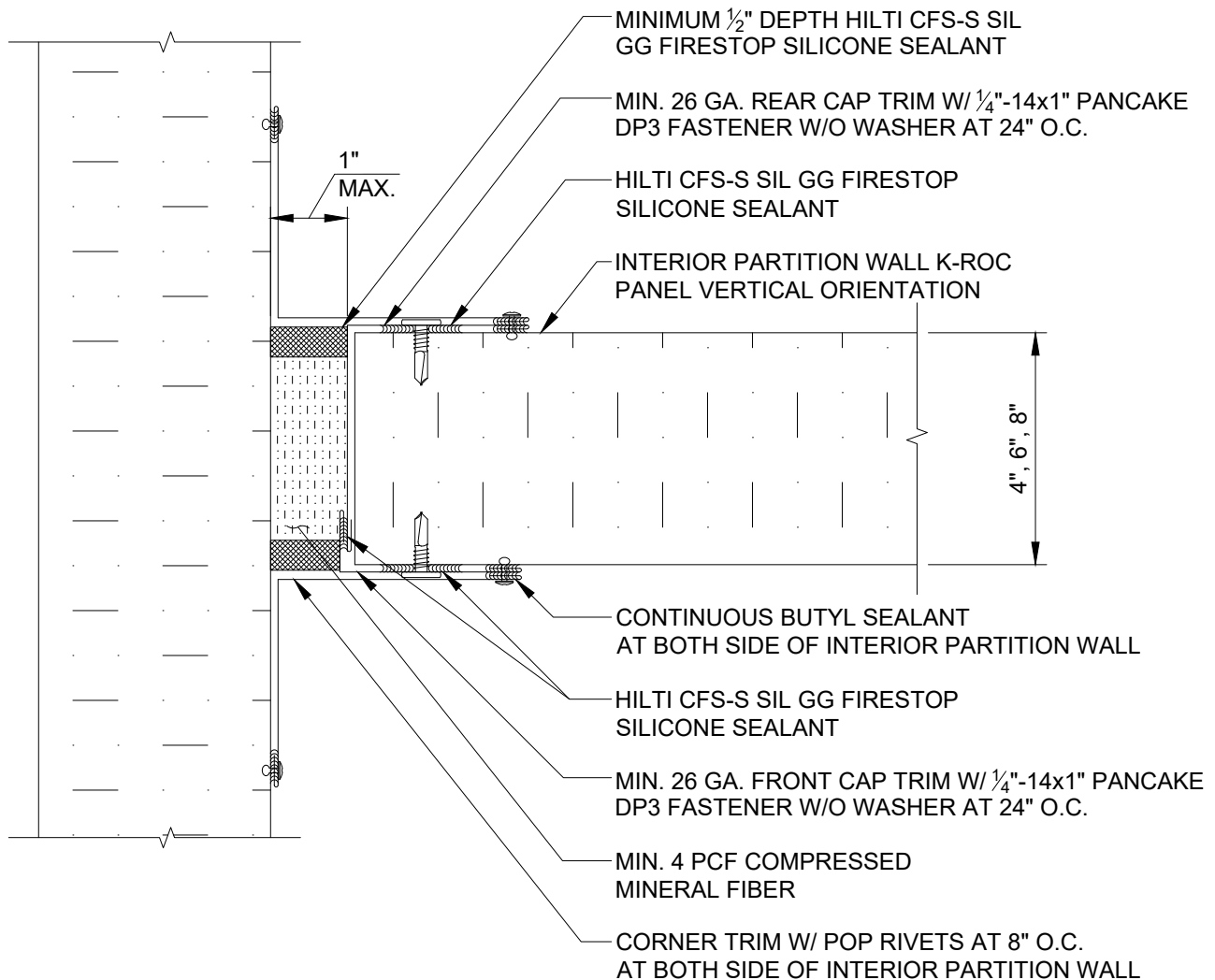
REGION: NORTH AMERICA

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K-ROC FX 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 FX-PJ-03-K-ROC-V FOR MORE INFORMATION.



REVISION

REVISION #	DATE
0	6/10/26

INTERIOR PARTITION ENDWALL DETAIL

DETAIL #: FX-IP-04-K-ROC-V

RELEASE: 2026

REGION: NORTH AMERICA

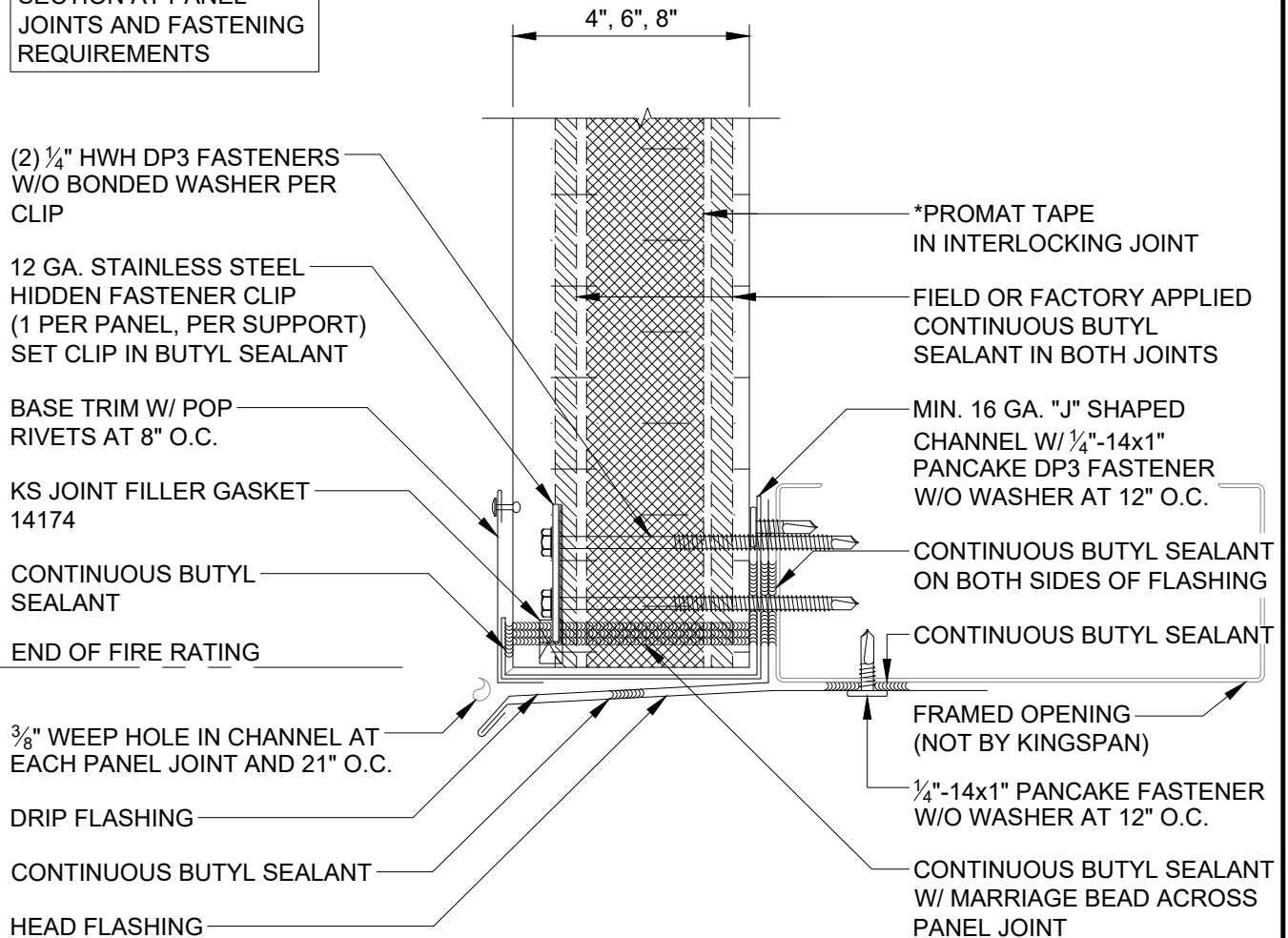
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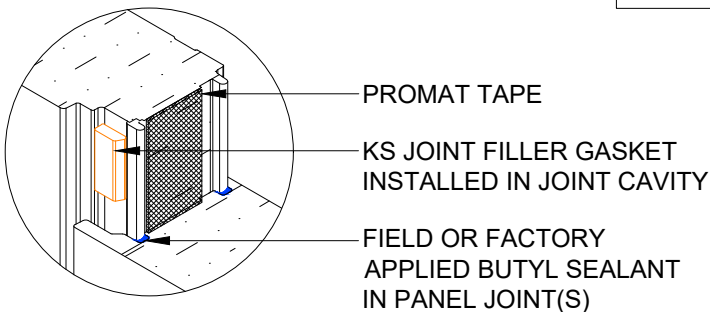
K-ROC FX SERIES PANELS - FIRE RATED WALL

*50MM X 1MM PROMAT TAPE - 4" PANELS
(SEE DETAILS PJ-01 FOR REFERENCE)
*60MM X 1MM PROMAT TAPE - 6" AND 8" PANELS
(SEE DETAILS PJ-02 TO PJ-03 FOR REFERENCE)

DETAIL DEPICTS PANEL
SECTION AT PANEL
JOINTS AND FASTENING
REQUIREMENTS



NOTE: SEE DETAIL FX-TL-01-K-ROC-V, FX-TL-02-K-ROC-V,
FX-TL-04-K-ROC-V AND FX-TL-05-K-ROC-V FOR TYPICAL
TRIM LAP INSTRUCTIONS



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

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

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

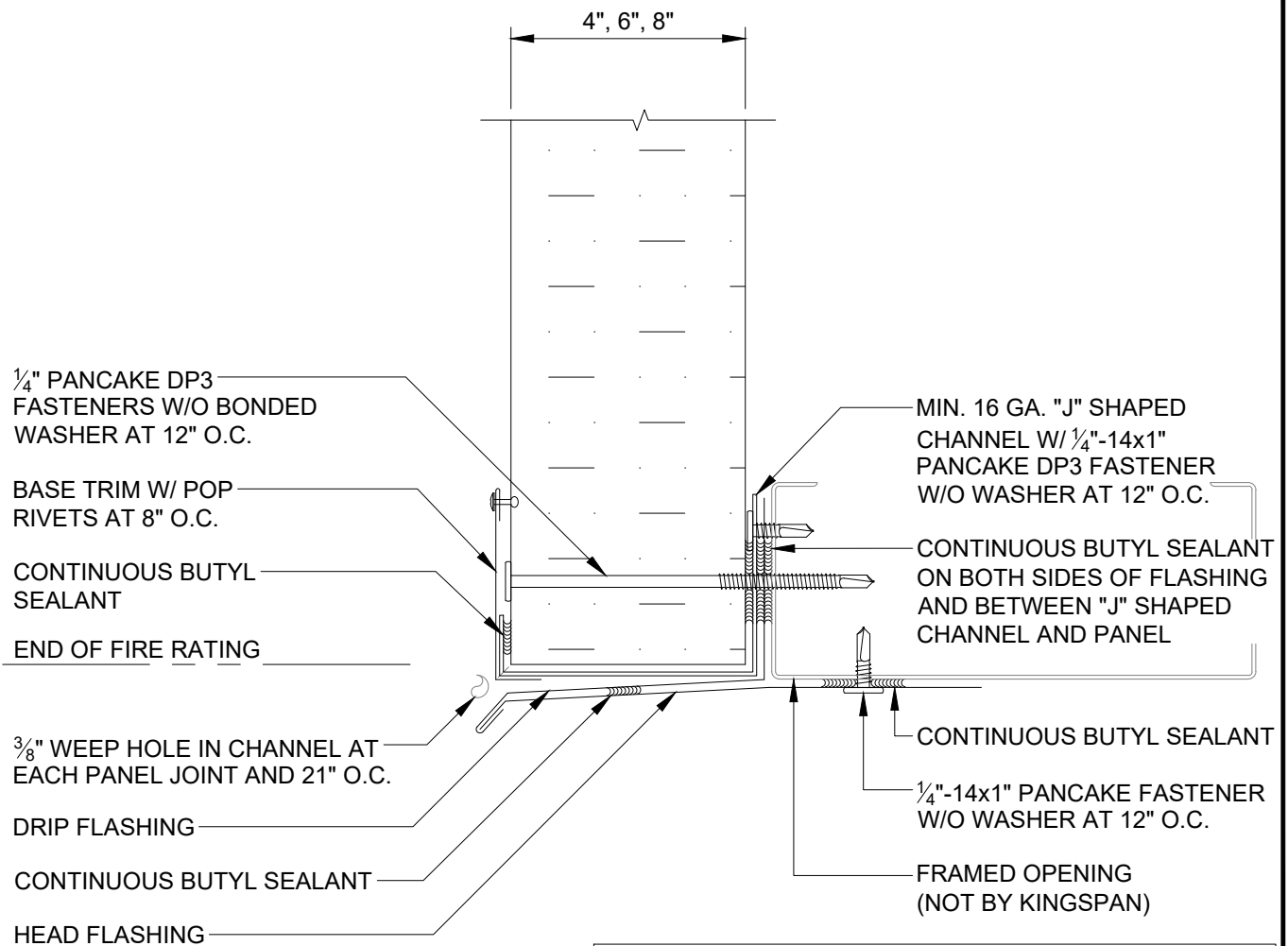
RELEASE: 2026

REGION: NORTH AMERICA

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K-ROC FX SERIES PANELS - FIRE RATED WALL



NOTE: SEE DETAIL FX-TL-01-K-ROC-V, FX-TL-02-K-ROC-V, FX-TL-04-K-ROC-V AND FX-TL-05-K-ROC-V FOR TYPICAL TRIM LAP INSTRUCTIONS

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

REVISION

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0	6/10/26

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

DETAIL #: FX-FO-02-K-ROC-V

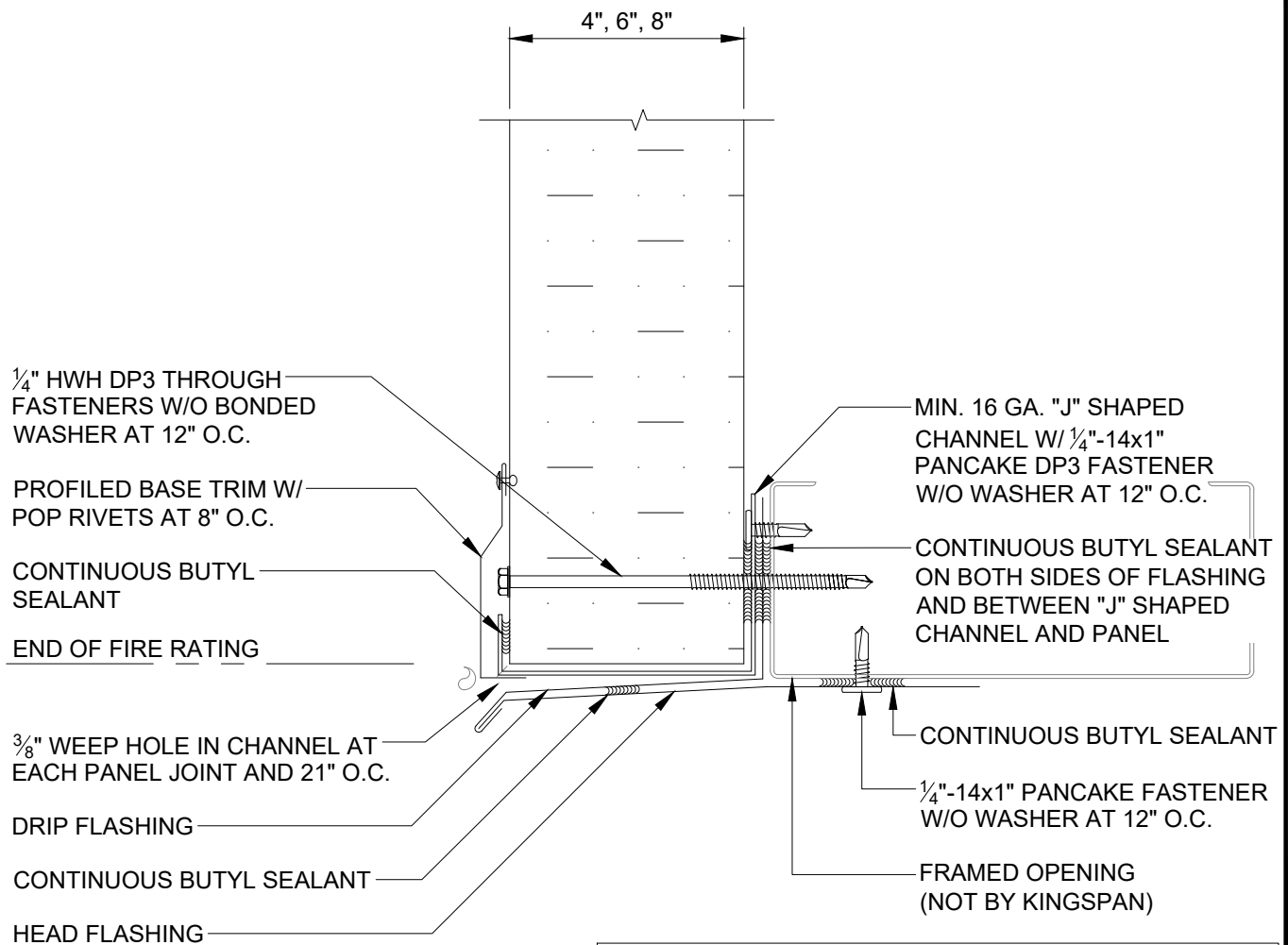
RELEASE: 2026

REGION: NORTH AMERICA

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K-ROC FX SERIES PANELS - FIRE RATED WALL



NOTE: SEE DETAIL FX-TL-01-K-ROC-V, FX-TL-02-K-ROC-V, FX-TL-04-K-ROC-V AND FX-TL-05-K-ROC-V FOR TYPICAL TRIM LAP INSTRUCTIONS

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

REVISION

REVISION #	DATE
0	6/10/26

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

DETAIL #: FX-FO-03-K-ROC-V

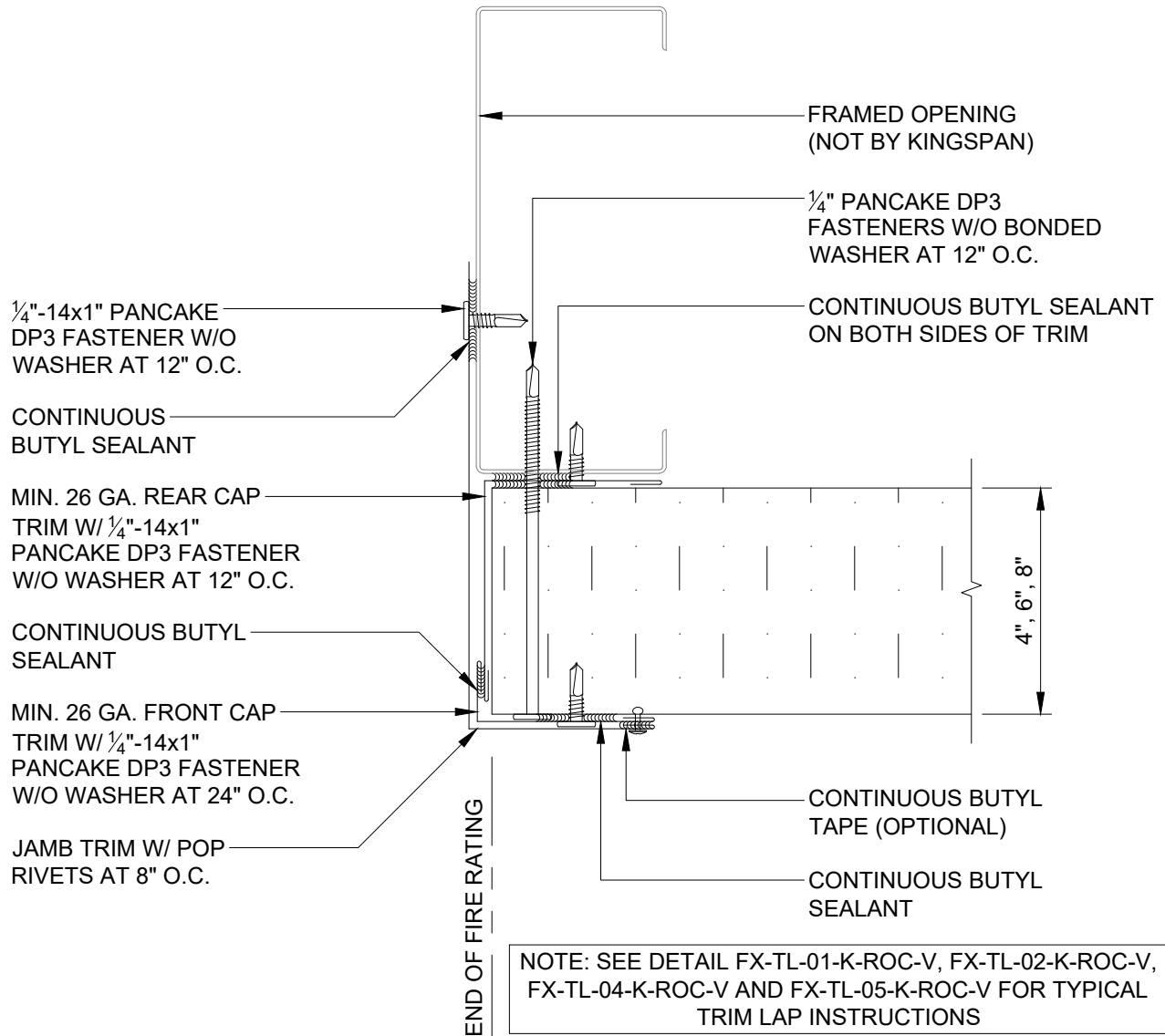
RELEASE: 2026

REGION: NORTH AMERICA

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K-ROC FX 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

REVISION	
REVISION #	DATE
0	6/10/26

FRAMED OPENING JAMB
W/ FLAT JAMB TRIM

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

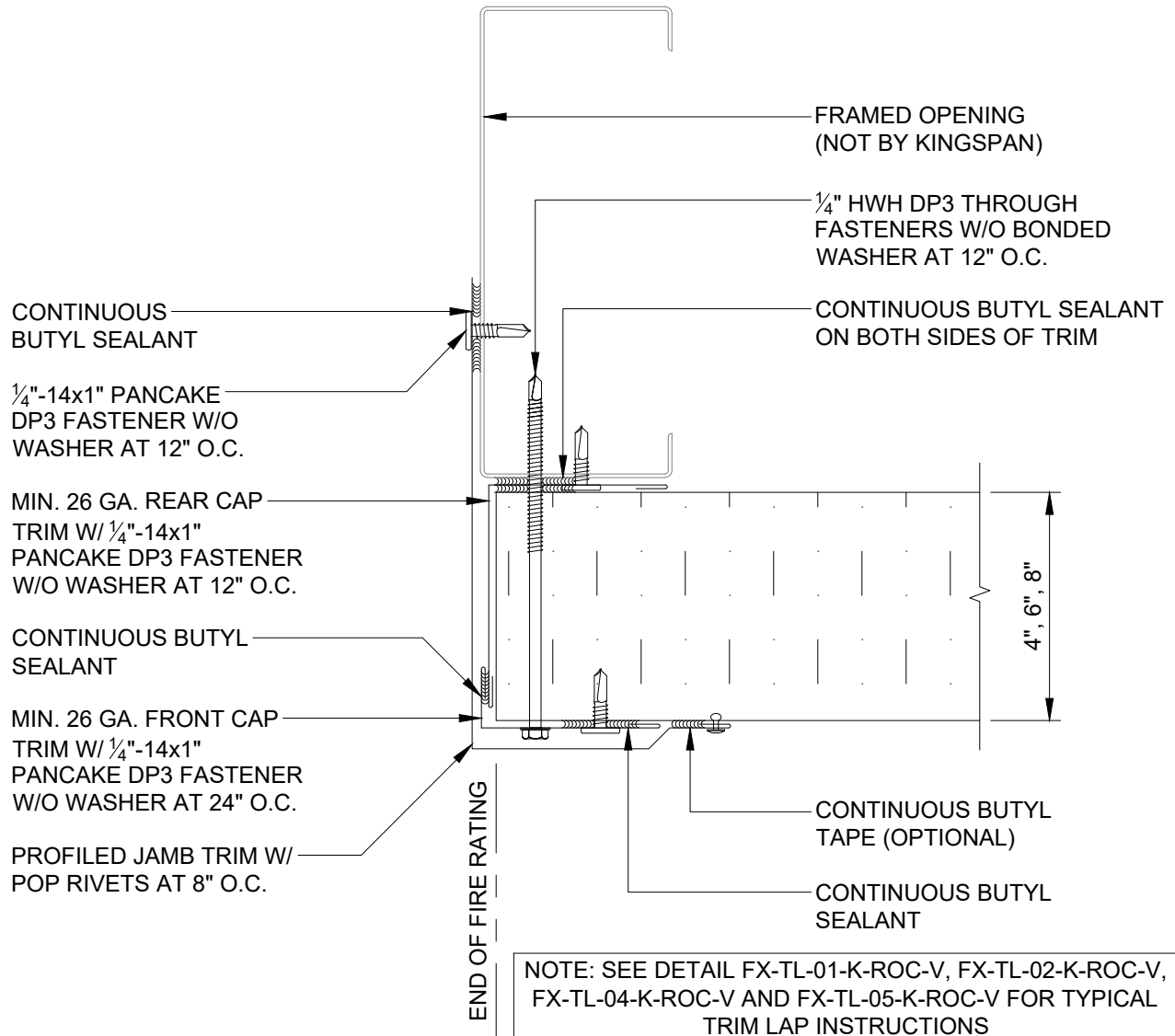
RELEASE: 2026

REGION: NORTH AMERICA

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K-ROC FX SERIES PANELS - FIRE RATED WALL



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

REVISION	
REVISION #	DATE
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FRAMED OPENING JAMB
W/ PROFIED JAMB TRIM

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

RELEASE: 2026

REGION: NORTH AMERICA

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K-ROC FX SERIES PANELS - FIRE RATED WALL

*50MM X 1MM PROMAT TAPE - 4" PANELS
(SEE DETAILS PJ-01 FOR REFERENCE)
*60MM X 1MM PROMAT TAPE - 6" AND 8" PANELS
(SEE DETAILS PJ-02 TO PJ-03 FOR REFERENCE)

DETAIL DEPICTS PANEL
SECTION AT PANEL
JOINTS AND FASTENING
REQUIREMENTS

CONTINUOUS BUTYL SEALANT
BETWEEN TRIMS

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

KS JOINT FILLER
GASKET 14174

END OF FIRE RATING

CONTINUOUS BUTYL
SEALANT

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

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

*PROMAT TAPE
IN INTERLOCKING JOINT

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

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

CONTINUOUS BUTYL SEALANT

FRAMED OPENING
(NOT BY KINGSPAN)

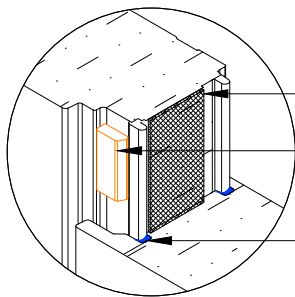
CONTINUOUS BUTYL SEALANT
ON BOTH SIDES OF TRIM W/
MARRIAGE BEAD ACROSS
PANEL JOINT

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

FIELD OR FACTORY APPLIED
CONTINUOUS BUTYL
SEALANT IN BOTH JOINTS

4", 6", 8"

NOTE: SEE DETAIL FX-TL-01-K-ROC-V, FX-TL-02-K-ROC-V,
FX-TL-04-K-ROC-V AND FX-TL-05-K-ROC-V FOR TYPICAL
TRIM LAP INSTRUCTIONS



PROMAT TAPE

KS JOINT FILLER GASKET
INSTALLED IN JOINT CAVITY

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

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

REVISION

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0	6/10/26

FRAMED OPENING SILL W/ FLAT TRIM
AT PANEL JOINT

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

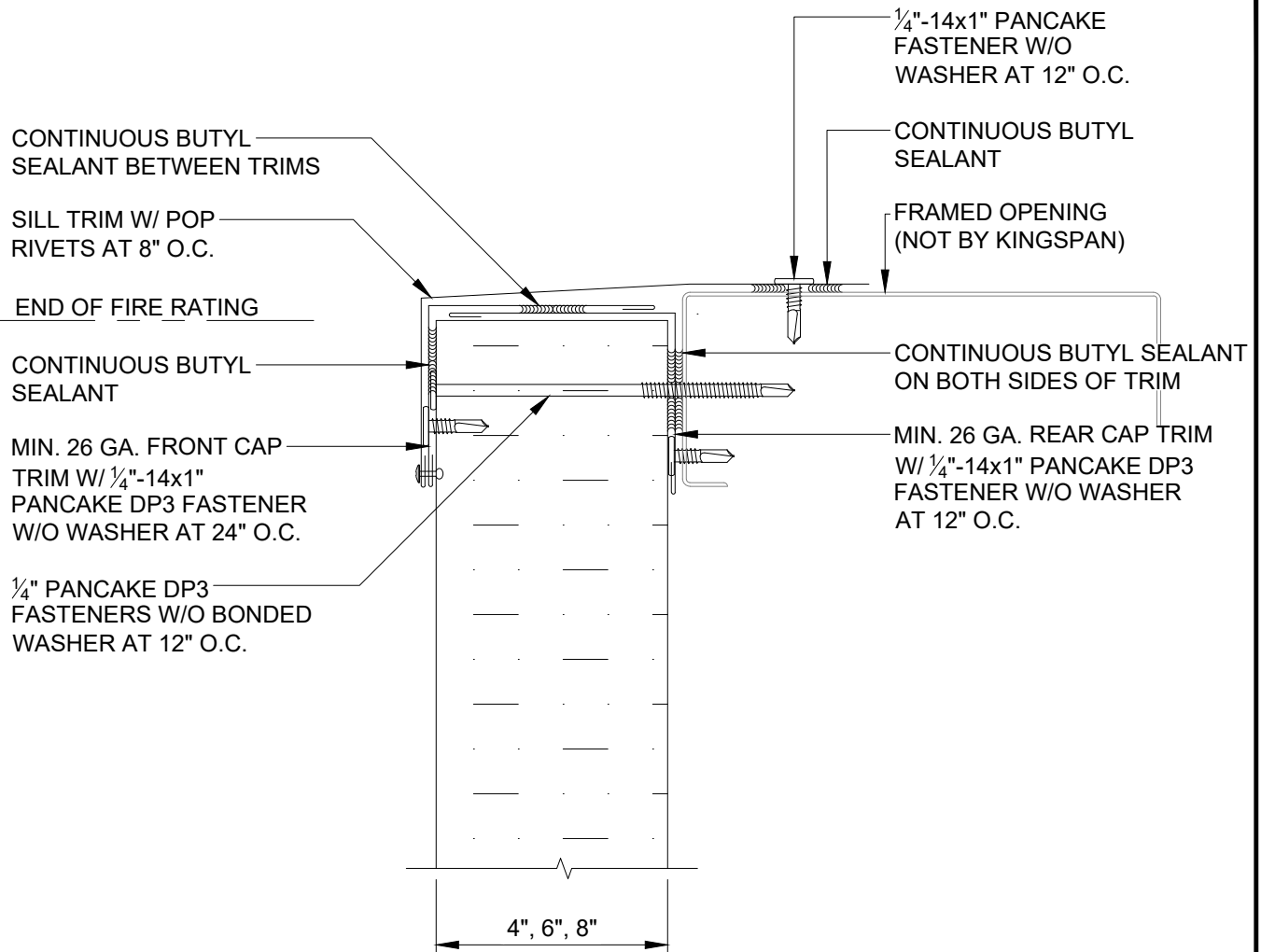
RELEASE: 2026

REGION: NORTH AMERICA

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K-ROC FX SERIES PANELS - FIRE RATED WALL



NOTE: SEE DETAIL FX-TL-01-K-ROC-V, FX-TL-02-K-ROC-V, FX-TL-04-K-ROC-V AND FX-TL-05-K-ROC-V FOR TYPICAL TRIM LAP INSTRUCTIONS

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

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

DETAIL #: FX-FO-07-K-ROC-V

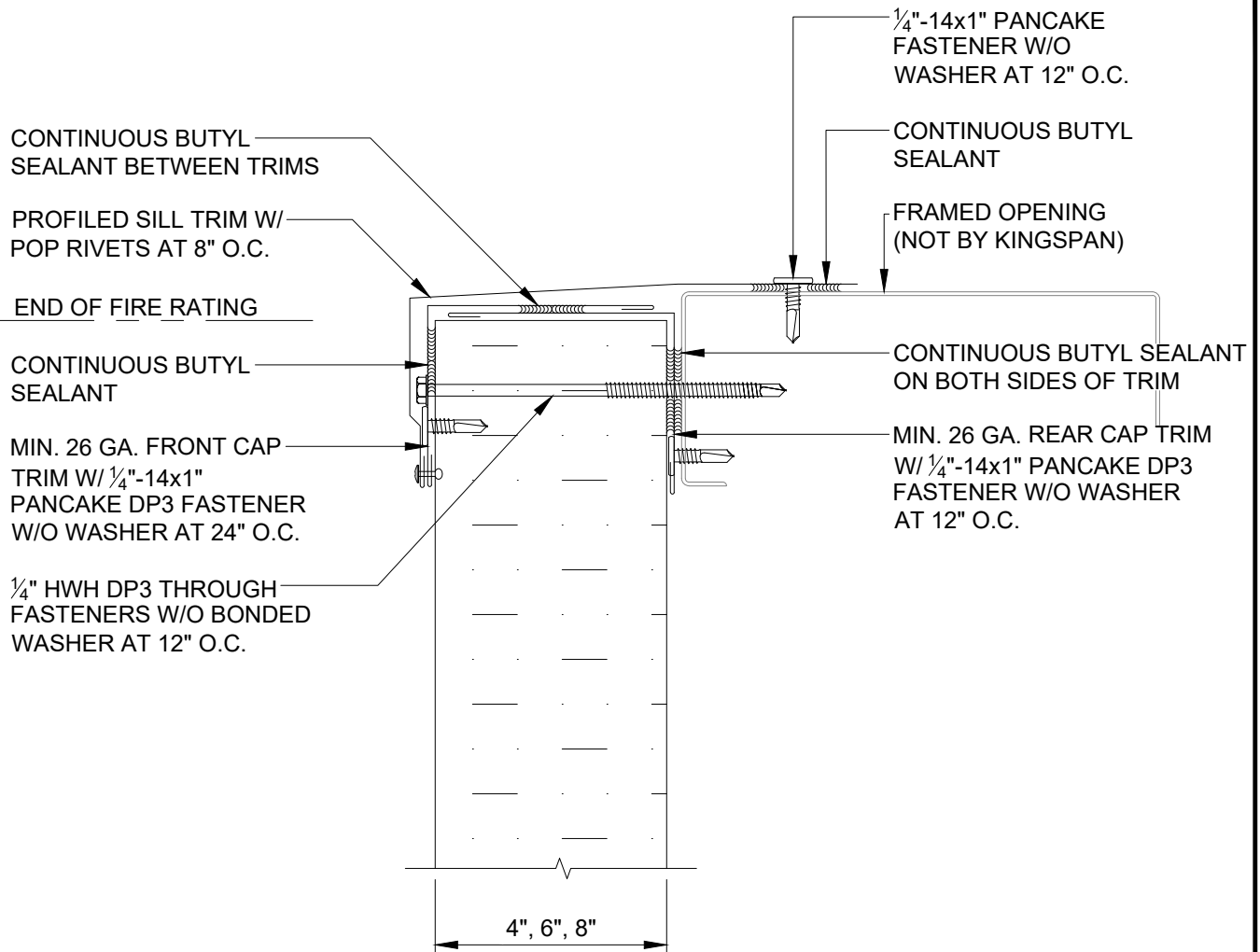
RELEASE: 2026

REGION: NORTH AMERICA

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K-ROC FX SERIES PANELS - FIRE RATED WALL



NOTE: SEE DETAIL FX-TL-01-K-ROC-V, FX-TL-02-K-ROC-V, FX-TL-04-K-ROC-V AND FX-TL-05-K-ROC-V FOR TYPICAL TRIM LAP INSTRUCTIONS

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

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

DETAIL #: FX-FO-08-K-ROC-V

RELEASE: 2026

REGION: NORTH AMERICA

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K-ROC FX SERIES PANELS - FIRE RATED WALL

*50MM X 1MM PROMAT TAPE - 4" PANELS
(SEE DETAILS PJ-01 FOR REFERENCE)
*60MM X 1MM PROMAT TAPE - 6" AND 8" PANELS
(SEE DETAILS PJ-02 TO PJ-03 FOR REFERENCE)

DETAIL DEPICTS PANEL
SECTION AT PANEL
JOINTS AND FASTENING
REQUIREMENTS

*PROMAT TAPE
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

HILTI CFS-S SIL GG FIRESTOP
SILICONE SEALANT

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

MIN. 4 PCF COMPRESSED
MINERAL FIBER

KS JOINT FILLER GASKET
14174

HILTI CFS-S SIL GG FIRESTOP
SILICONE SEALANT

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

CONTINUOUS BUTYL
SEALANT W/ MARRIAGE
BEAD TO INTERIOR JOINT

MIN. 16 GA. "J" SHAPED CAP
CHANNEL W/ 1/4"-14x1"
PANCAKE DP3 FASTENER
W/O WASHER AT 12" O.C.

HILTI CFS-S SIL GG FIRESTOP
SILICONE SEALANT W/
MARRIAGE BEAD ACROSS
PANEL JOINT

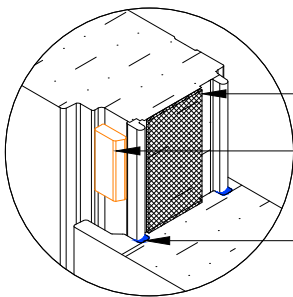
MIN. 26 GA. MENDING PLATE
MIN. 6"

HILTI CFS-S SIL GG FIRESTOP
SILICONE SEALANT W/
MARRIAGE BEAD ACROSS
PANEL JOINT

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

CONTINUOUS BUTYL
SEALANT W/ MARRIAGE
BEAD TO INTERIOR JOINT

4", 6", 8"



PROMAT TAPE

KS JOINT FILLER GASKET
INSTALLED IN JOINT CAVITY

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

REVISION

REVISION #	DATE
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FIRE RATED STACK JOINT
AT PANEL JOINT

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

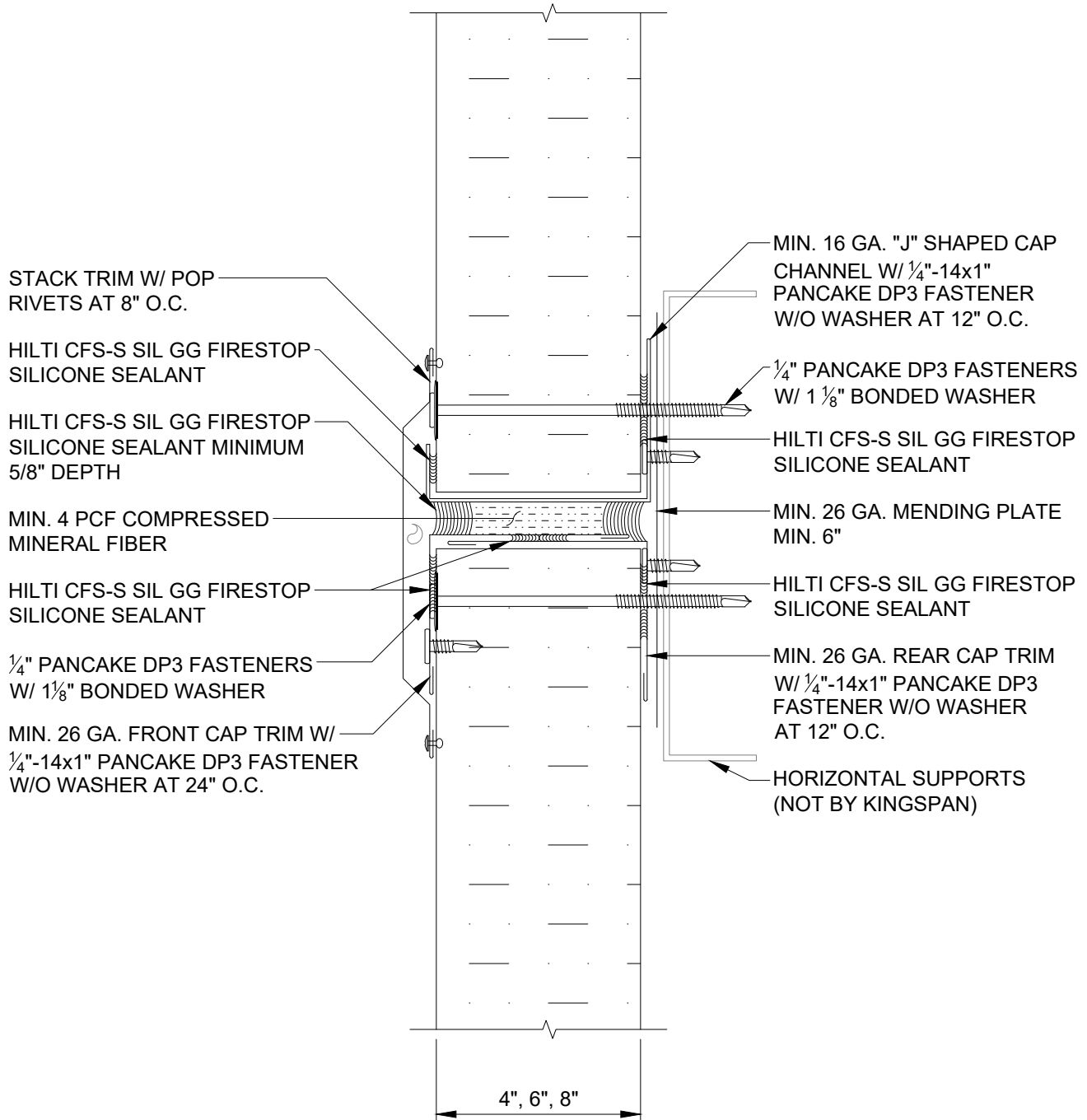
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REGION: NORTH AMERICA

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K-ROC FX SERIES PANELS - FIRE RATED WALL



REVISION	
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FIRE RATED STACK JOINT
AT MID PANEL

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

RELEASE: 2026

REGION: NORTH AMERICA

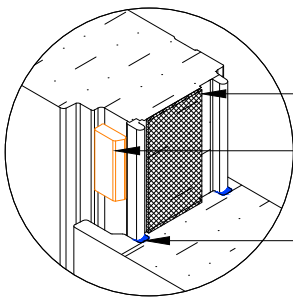
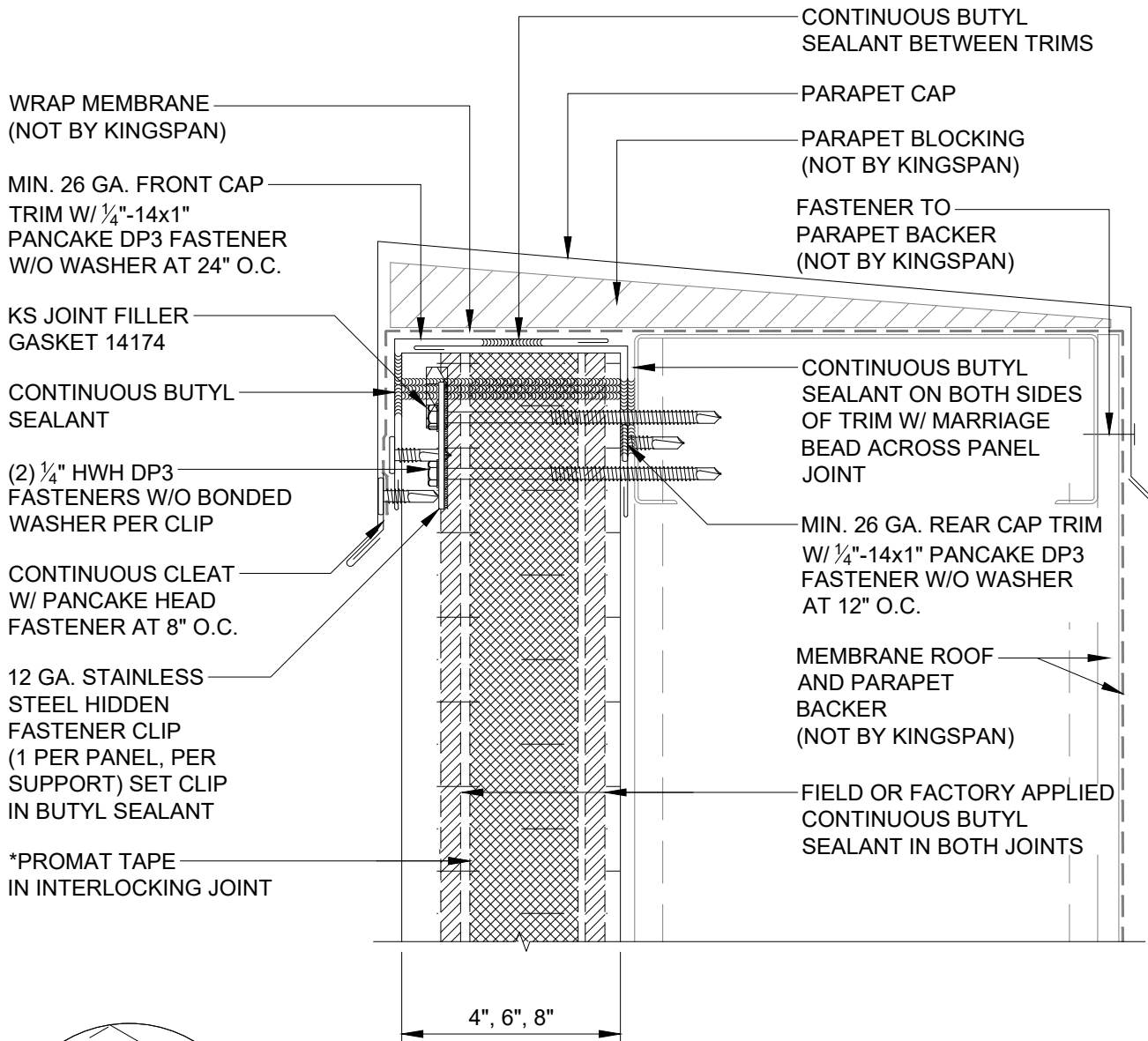
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K-ROC FX SERIES PANELS - FIRE RATED WALL

*50MM X 1MM PROMAT TAPE - 4" PANELS
(SEE DETAILS PJ-01 FOR REFERENCE)
*60MM X 1MM PROMAT TAPE - 6" AND 8" PANELS
(SEE DETAILS PJ-02 TO PJ-03 FOR REFERENCE)

DETAIL DEPICTS PANEL
SECTION AT PANEL
JOINTS AND FASTENING
REQUIREMENTS



PROMAT TAPE
KS JOINT FILLER GASKET
INSTALLED IN JOINT CAVITY
FIELD OR FACTORY
APPLIED BUTYL SEALANT
IN PANEL JOINT(S)

NOTE: SEE DETAIL FX-TL-01-K-ROC-V ,
FX-TL-02-K-ROC-V AND FX-TL-03-K-ROC-V.
FOR TYPICAL TRIM LAP INSTRUCTIONS

REVISION	
REVISION #	DATE
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PARAPET W/ FLAT TRIM
AT PANEL JOINT

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

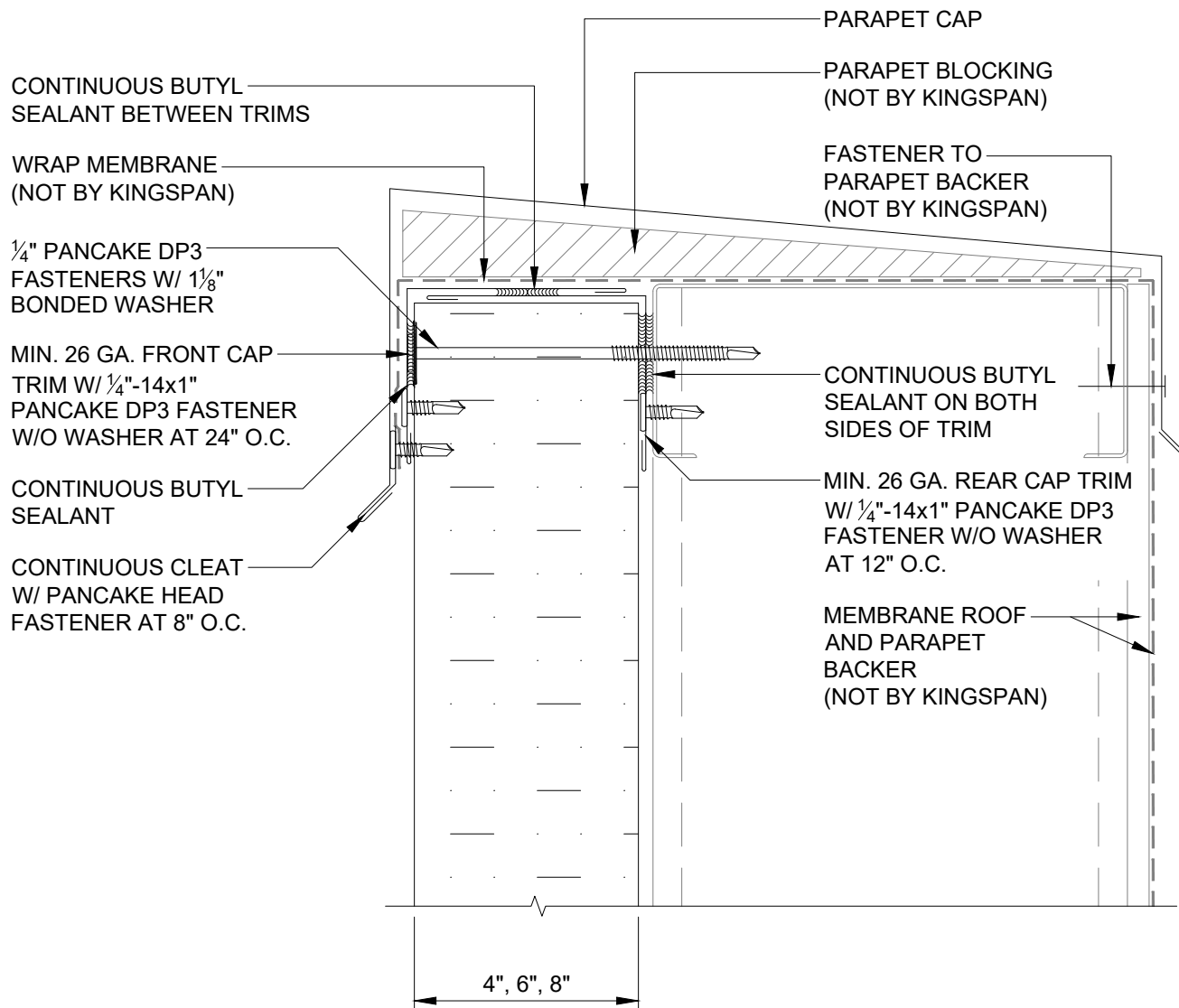
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K-ROC FX SERIES PANELS - FIRE RATED WALL



NOTE: SEE DETAIL FX-TL-01-K-ROC-V, FX-TL-02-K-ROC-V AND FX-TL-03-K-ROC-V. FOR TYPICAL TRIM LAP INSTRUCTIONS

REVISION	
REVISION #	DATE
0	6/10/26

PARAPET W/ FLAT TRIM
AT MID PANEL

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

RELEASE: 2026

REGION: NORTH AMERICA

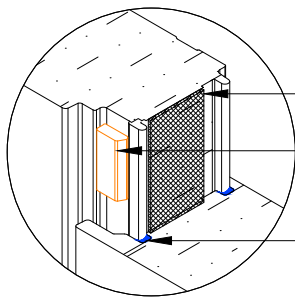
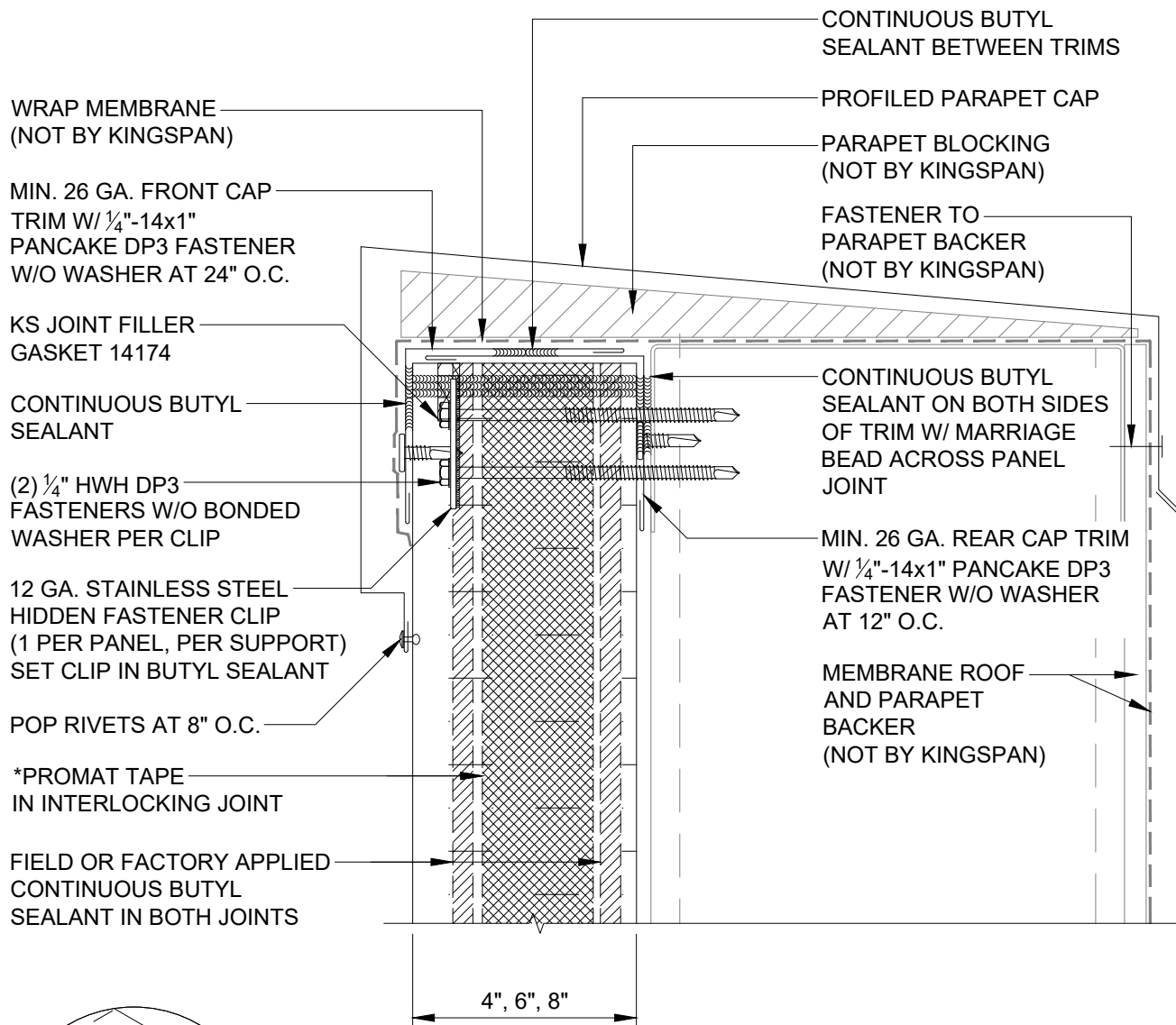
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K-ROC FX SERIES PANELS - FIRE RATED WALL

*50MM X 1MM PROMAT TAPE - 4" PANELS
(SEE DETAILS PJ-01 FOR REFERENCE)
*60MM X 1MM PROMAT TAPE - 6" AND 8" PANELS
(SEE DETAILS PJ-02 TO PJ-03 FOR REFERENCE)

DETAIL DEPICTS PANEL
SECTION AT PANEL
JOINTS AND FASTENING
REQUIREMENTS



PROMAT TAPE
KS JOINT FILLER GASKET
INSTALLED IN JOINT CAVITY
FIELD OR FACTORY
APPLIED BUTYL SEALANT
IN PANEL JOINT(S)

NOTE: SEE DETAIL FX-TL-01-K-ROC-V ,
FX-TL-02-K-ROC-V AND FX-TL-03-K-ROC-V.
FOR TYPICAL TRIM LAP INSTRUCTIONS

REVISION	
REVISION #	DATE
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PARAPET W/ PROFILED TRIM
AT PANEL JOINT

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

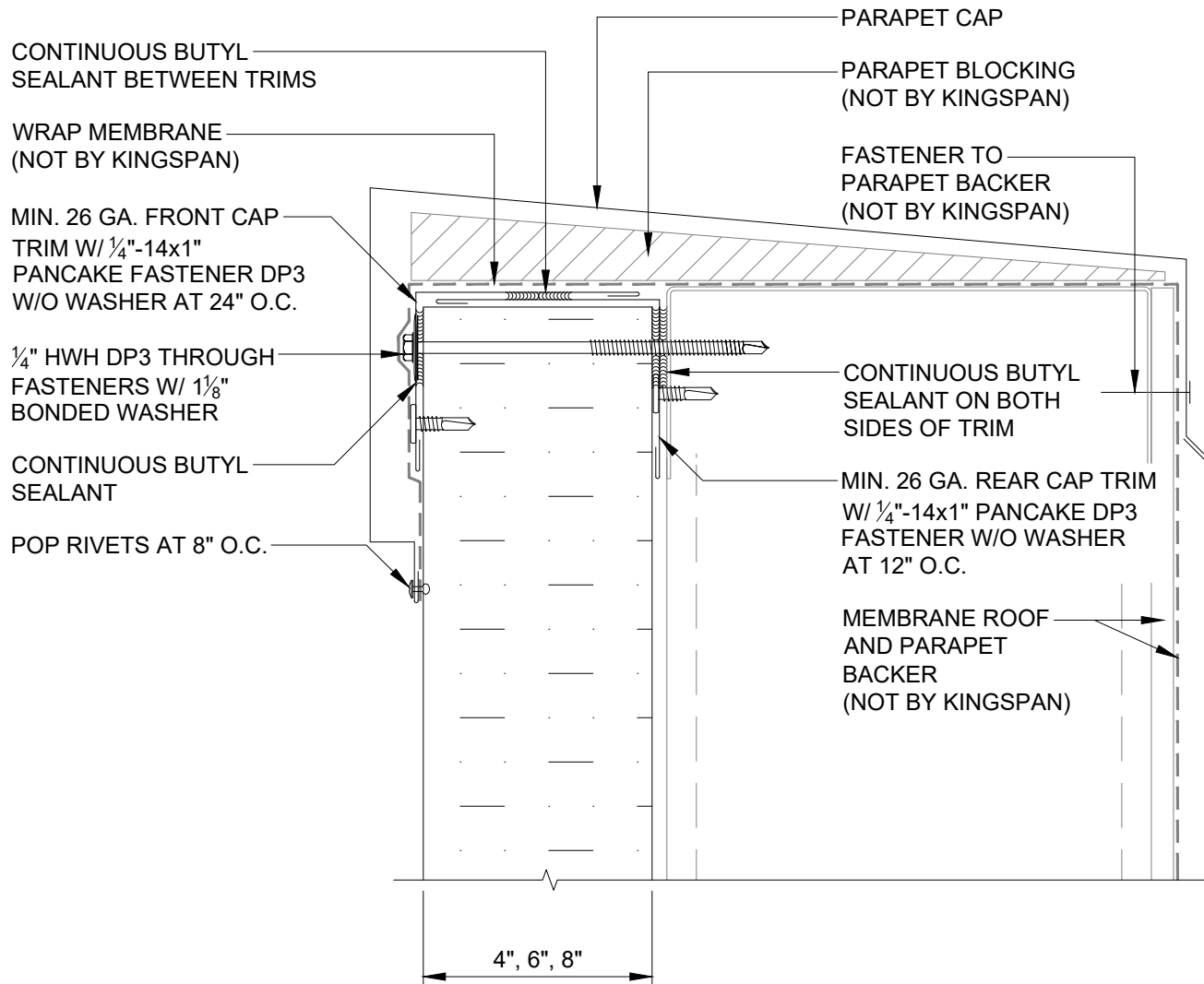
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REGION: NORTH AMERICA

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K-ROC FX SERIES PANELS - FIRE RATED WALL



NOTE: SEE DETAIL FX-TL-01-K-ROC-V ,
FX-TL-02-K-ROC-V AND FX-TL-03-K-ROC-V.
FOR TYPICAL TRIM LAP INSTRUCTIONS

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PARAPET W/ PROFILED TRIM
AT MID PANEL

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

RELEASE: 2026

REGION: NORTH AMERICA

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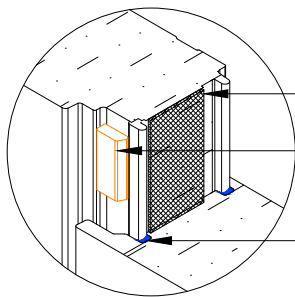
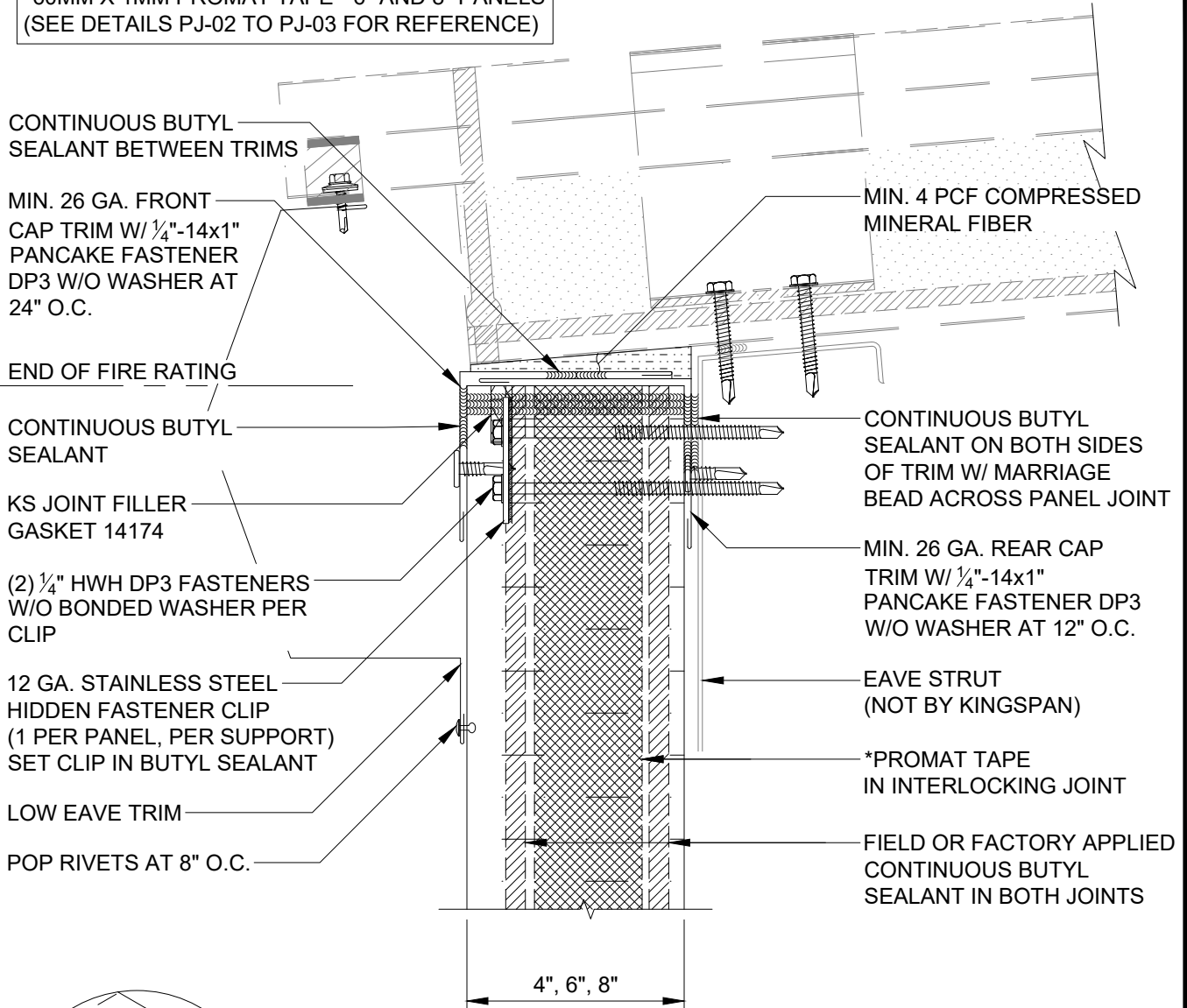


K-ROC FX SERIES PANELS - FIRE RATED WALL

NOTE: REFER TO ROOF DETAILS
FOR ROOF INSTALLATION

*50MM X 1MM PROMAT TAPE - 4" PANELS
(SEE DETAILS PJ-01 FOR REFERENCE)
*60MM X 1MM PROMAT TAPE - 6" AND 8" PANELS
(SEE DETAILS PJ-02 TO PJ-03 FOR REFERENCE)

DETAIL DEPICTS PANEL
SECTION AT PANEL
JOINTS AND FASTENING
REQUIREMENTS



PROMAT TAPE
KS JOINT FILLER GASKET
INSTALLED IN JOINT CAVITY
FIELD OR FACTORY
APPLIED BUTYL SEALANT
IN PANEL JOINT(S)

REVISION	
REVISION #	DATE
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WALL TO ROOF W/ LOW EAVE TRIM
AT PANEL JOINT

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

RELEASE: 2026

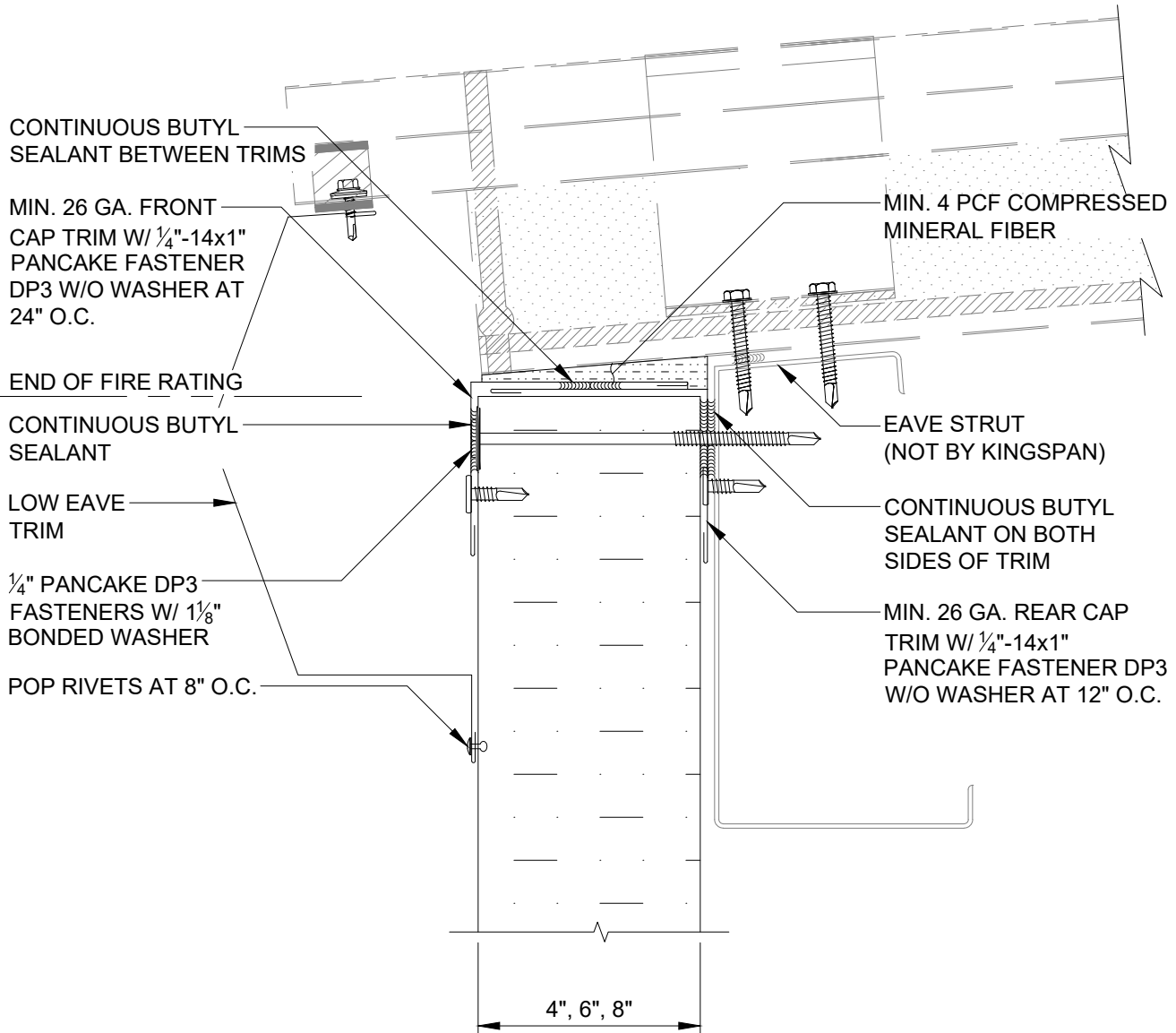
REGION: NORTH AMERICA

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K-ROC FX SERIES PANELS - FIRE RATED WALL

NOTE: REFER TO ROOF DETAILS
FOR ROOF INSTALLATION



REVISION

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WALL TO ROOF W/ LOW EAVE TRIM AT
MID PANEL

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

RELEASE: 2026

REGION: NORTH AMERICA

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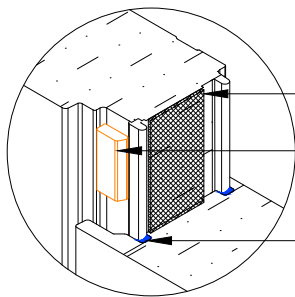
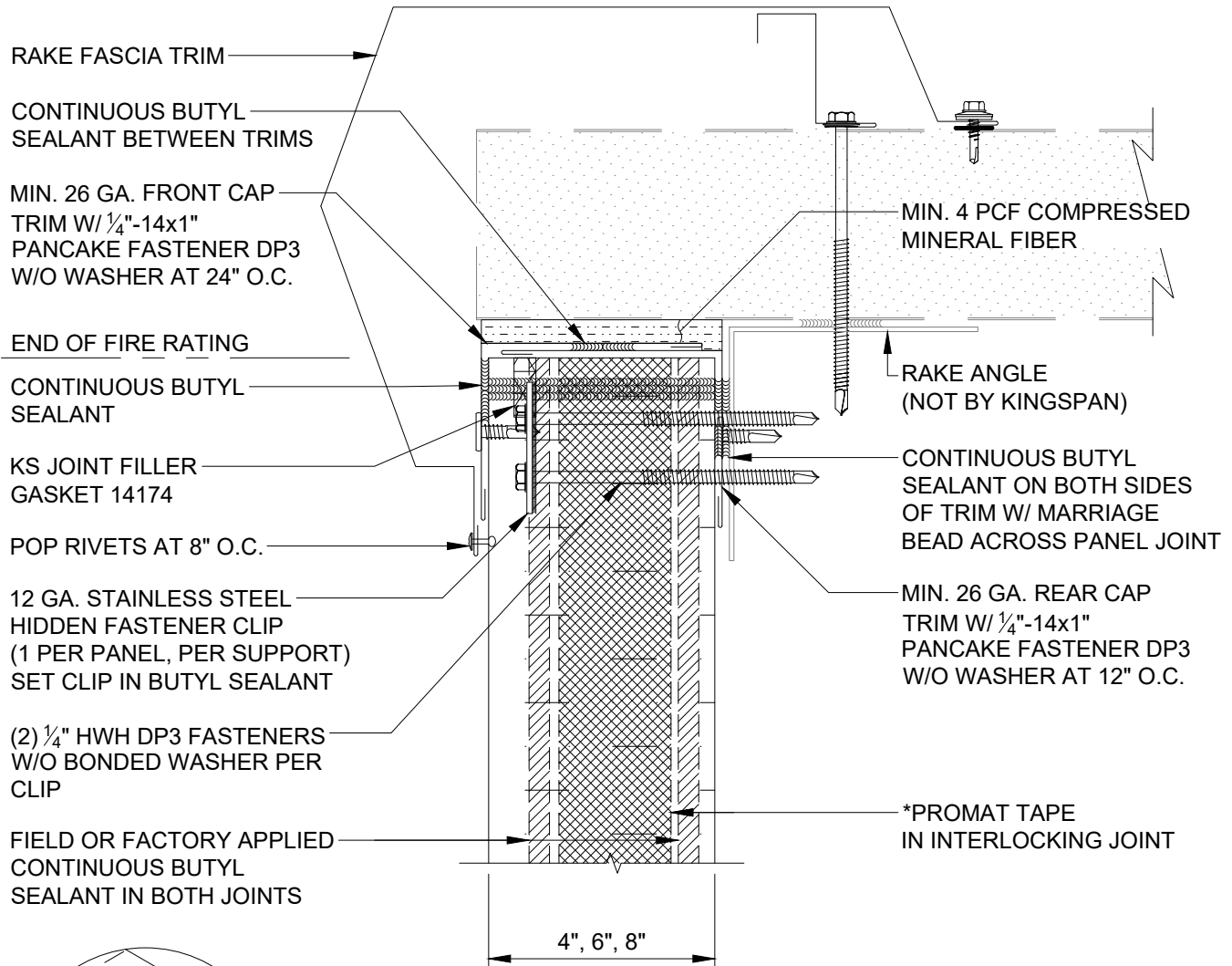


K-ROC FX SERIES PANELS - FIRE RATED WALL

NOTE: REFER TO ROOF DETAILS
FOR ROOF INSTALLATION

*50MM X 1MM PROMAT TAPE - 4" PANELS
(SEE DETAILS PJ-01 FOR REFERENCE)
*60MM X 1MM PROMAT TAPE - 6" AND 8" PANELS
(SEE DETAILS PJ-02 TO PJ-03 FOR REFERENCE)

DETAIL DEPICTS PANEL
SECTION AT PANEL
JOINTS AND FASTENING
REQUIREMENTS



PROMAT TAPE
KS JOINT FILLER GASKET
INSTALLED IN JOINT CAVITY
FIELD OR FACTORY
APPLIED BUTYL SEALANT
IN PANEL JOINT(S)

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WALL TO ROOF W/ RAKE FASCIA TRIM
AT PANEL JOINT

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

RELEASE: 2026

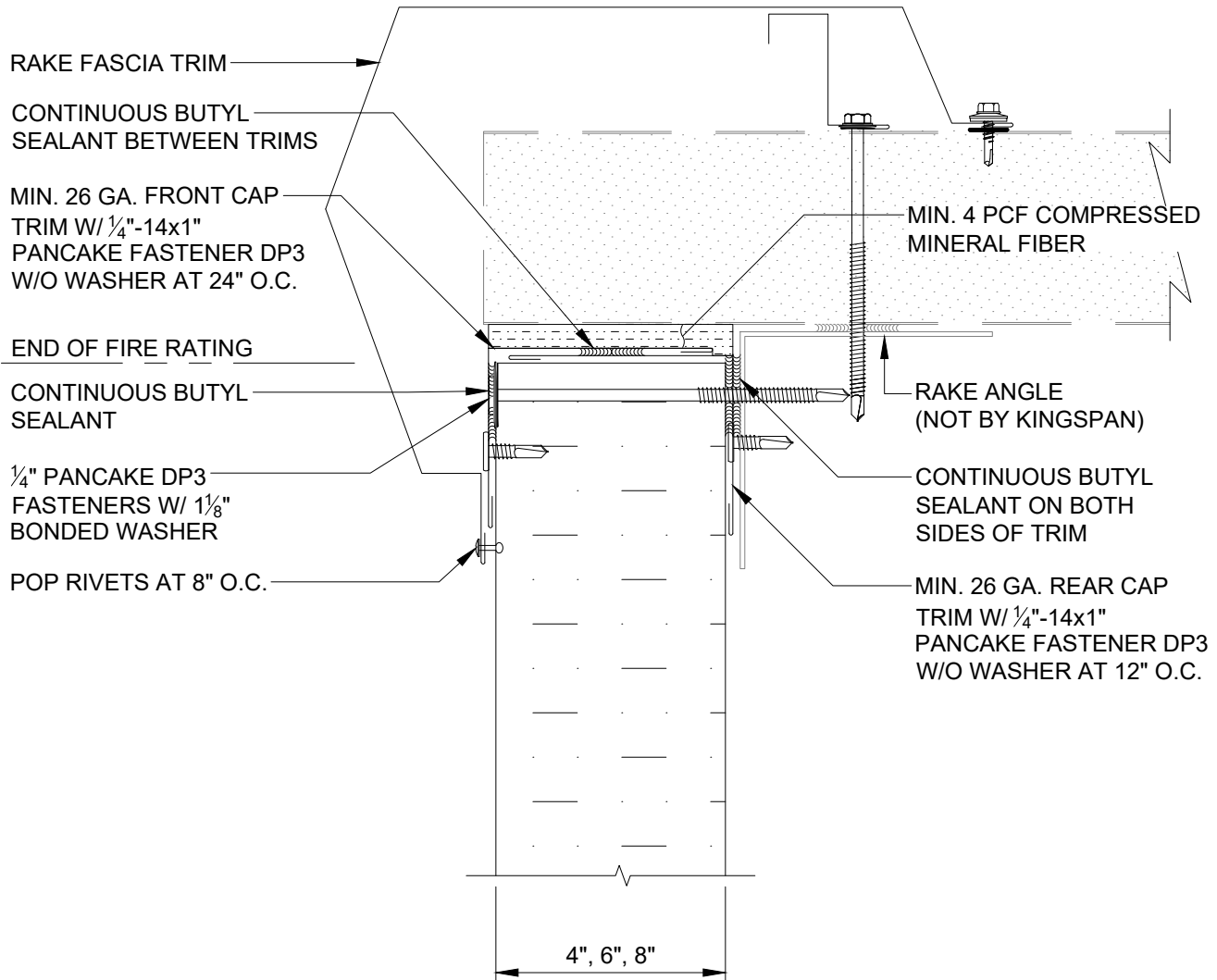
REGION: NORTH AMERICA

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K-ROC FX SERIES PANELS - FIRE RATED WALL

NOTE: REFER TO ROOF DETAILS
FOR ROOF INSTALLATION



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WALL TO ROOF W/ RAKE FASCIA TRIM
AT MID PANEL

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

RELEASE: 2026

REGION: NORTH AMERICA

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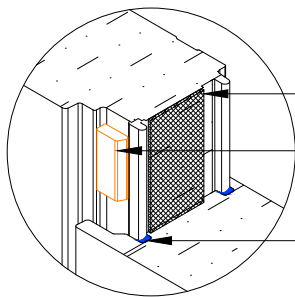
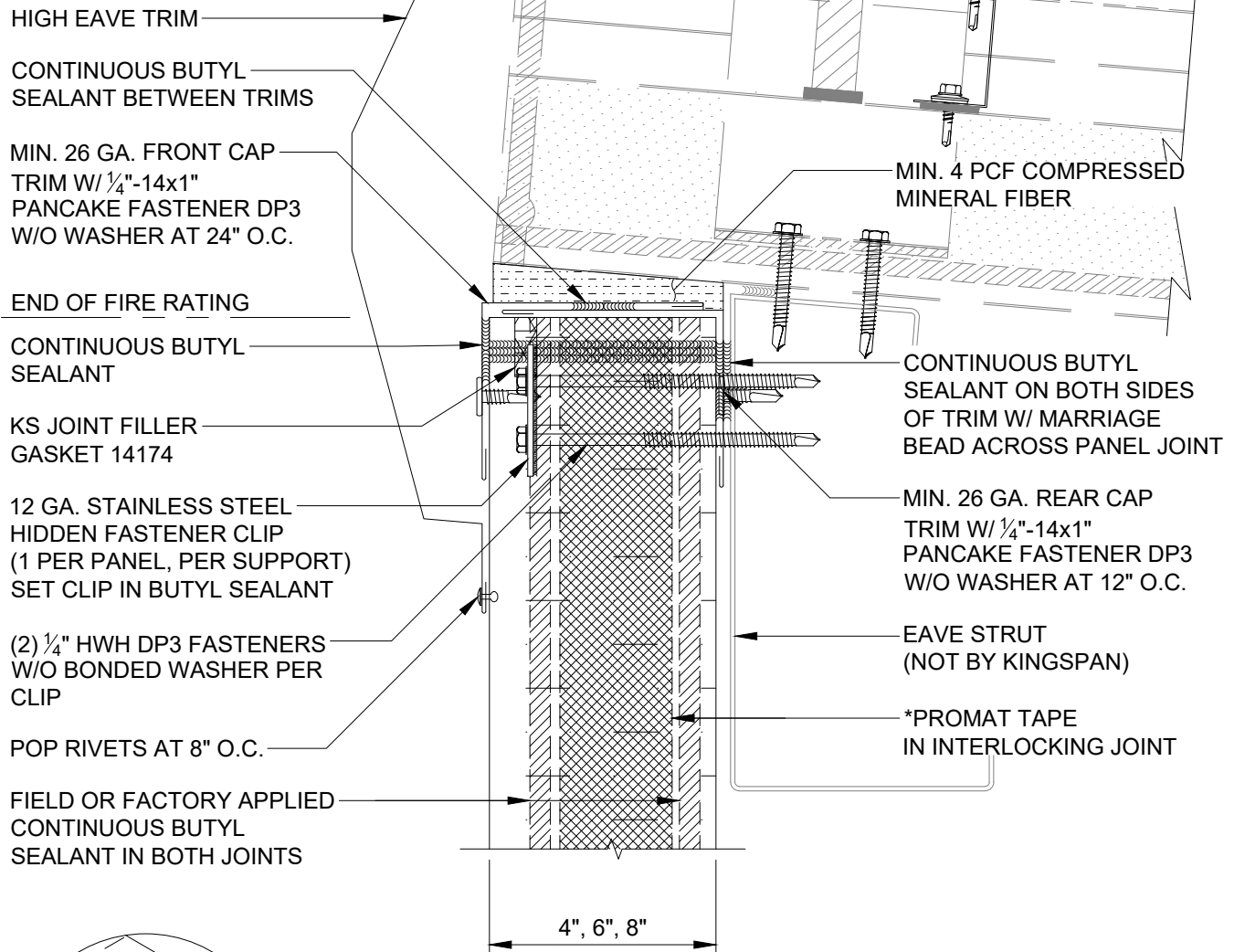


K-ROC FX SERIES PANELS - FIRE RATED WALL

NOTE: REFER TO ROOF DETAILS
FOR ROOF INSTALLATION

*50MM X 1MM PROMAT TAPE - 4" PANELS
(SEE DETAILS PJ-01 FOR REFERENCE)
*60MM X 1MM PROMAT TAPE - 6" AND 8" PANELS
(SEE DETAILS PJ-02 TO PJ-03 FOR REFERENCE)

DETAIL DEPICTS PANEL
SECTION AT PANEL
JOINTS AND FASTENING
REQUIREMENTS



PROMAT TAPE
KS JOINT FILLER GASKET
INSTALLED IN JOINT CAVITY
FIELD OR FACTORY
APPLIED BUTYL SEALANT
IN PANEL JOINT(S)

REVISION	
REVISION #	DATE
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WALL TO ROOF W/ HIGH EAVE TRIM
AT PANEL JOINT

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

RELEASE: 2026

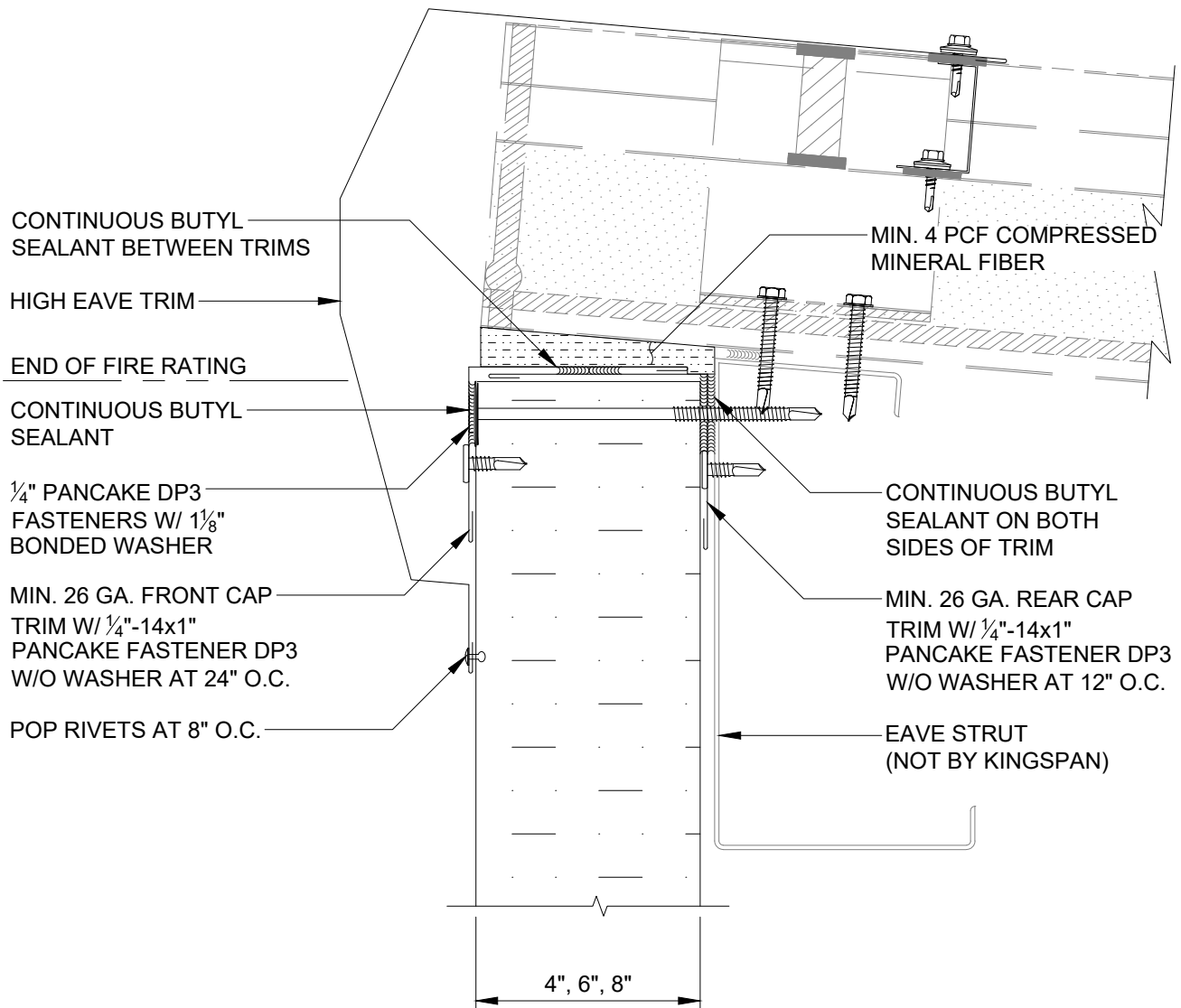
REGION: NORTH AMERICA

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K-ROC FX SERIES PANELS - FIRE RATED WALL

NOTE: REFER TO ROOF DETAILS
FOR ROOF INSTALLATION



REVISION

REVISION #	DATE
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WALL TO ROOF W/ HIGH EAVE TRIM
AT MID PANEL

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

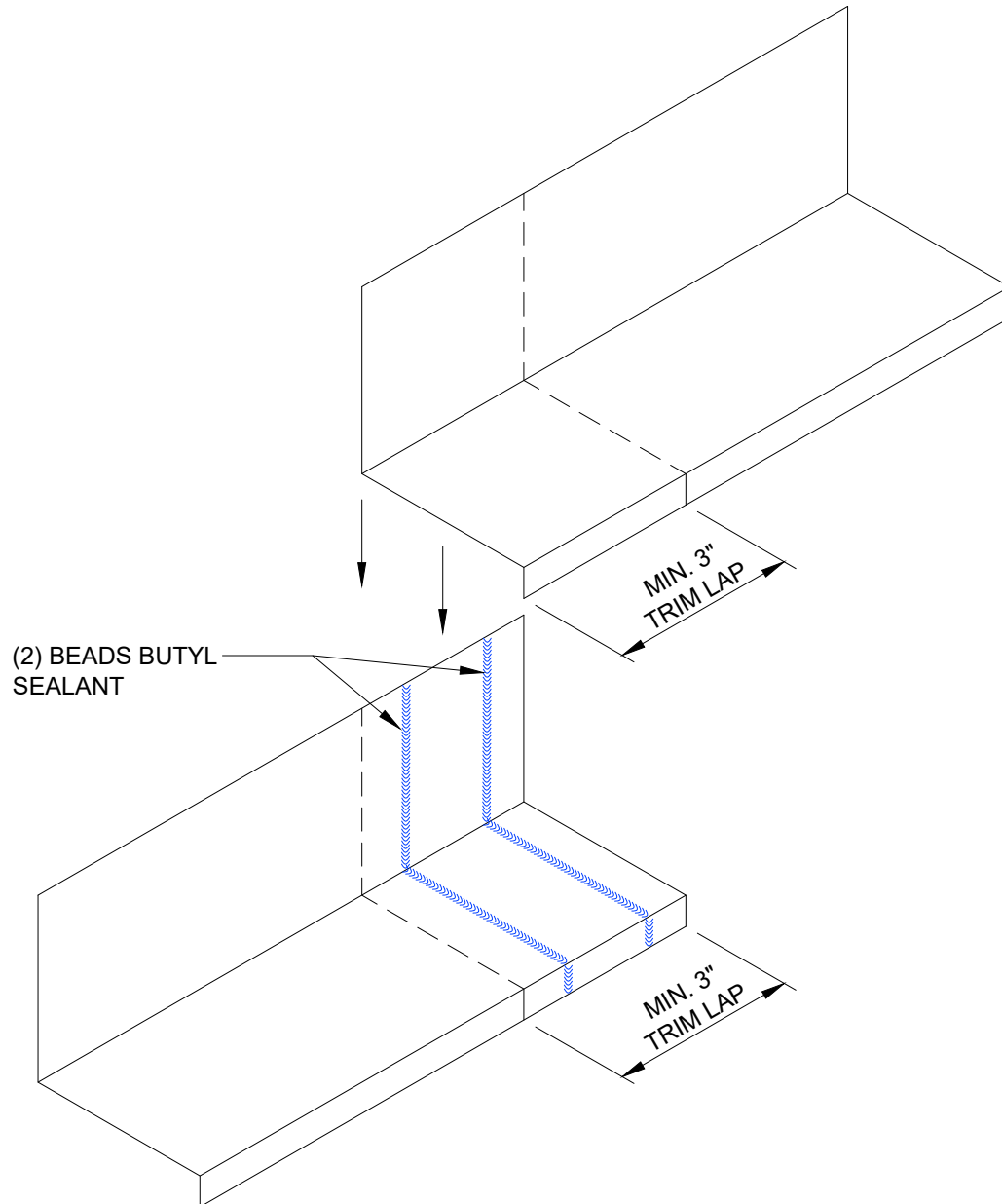
RELEASE: 2026

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TRIM END LAP

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

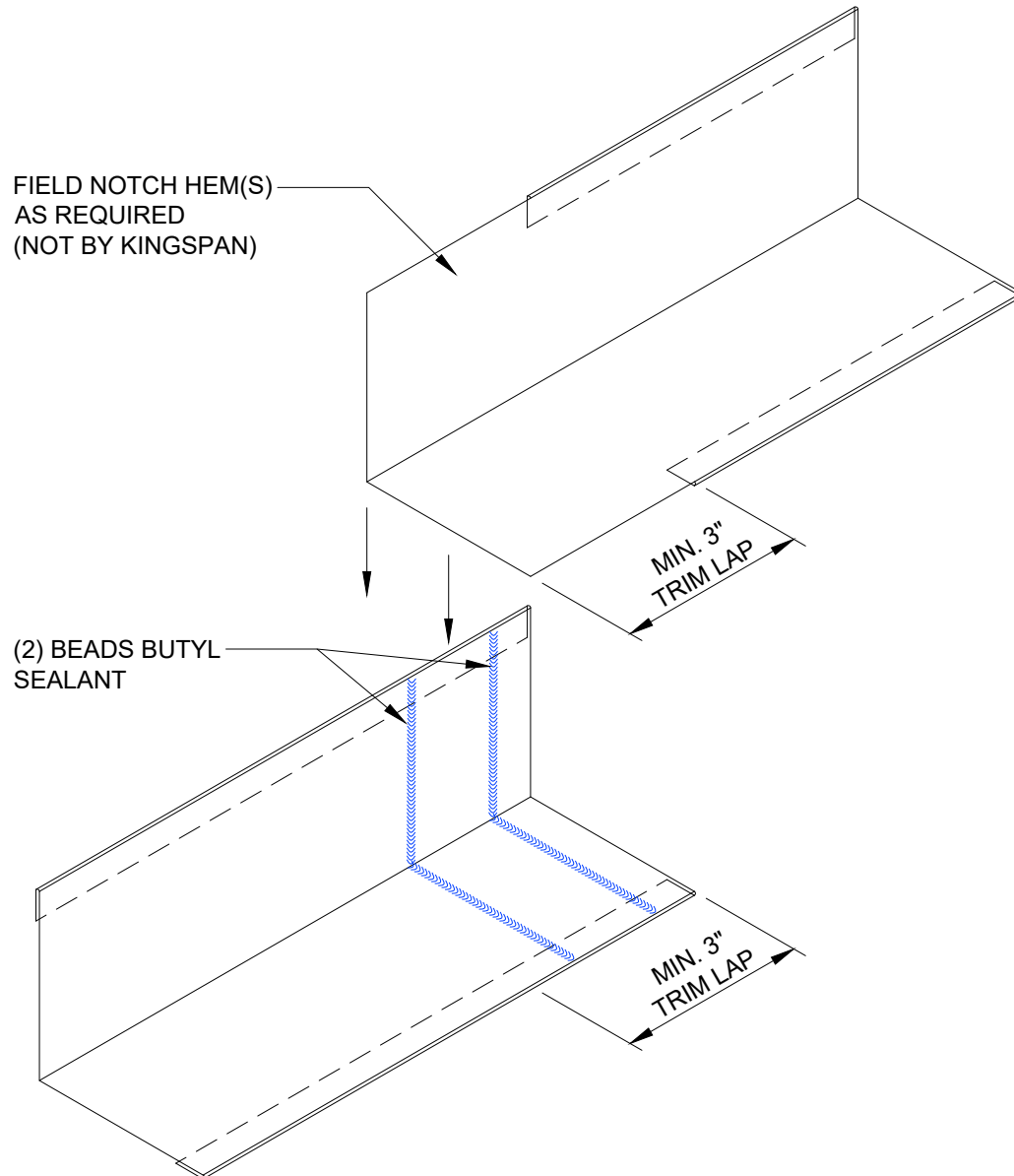
RELEASE: 2026

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REVISION	
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0	6/10/26

TRIM END LAP W/ HEM

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

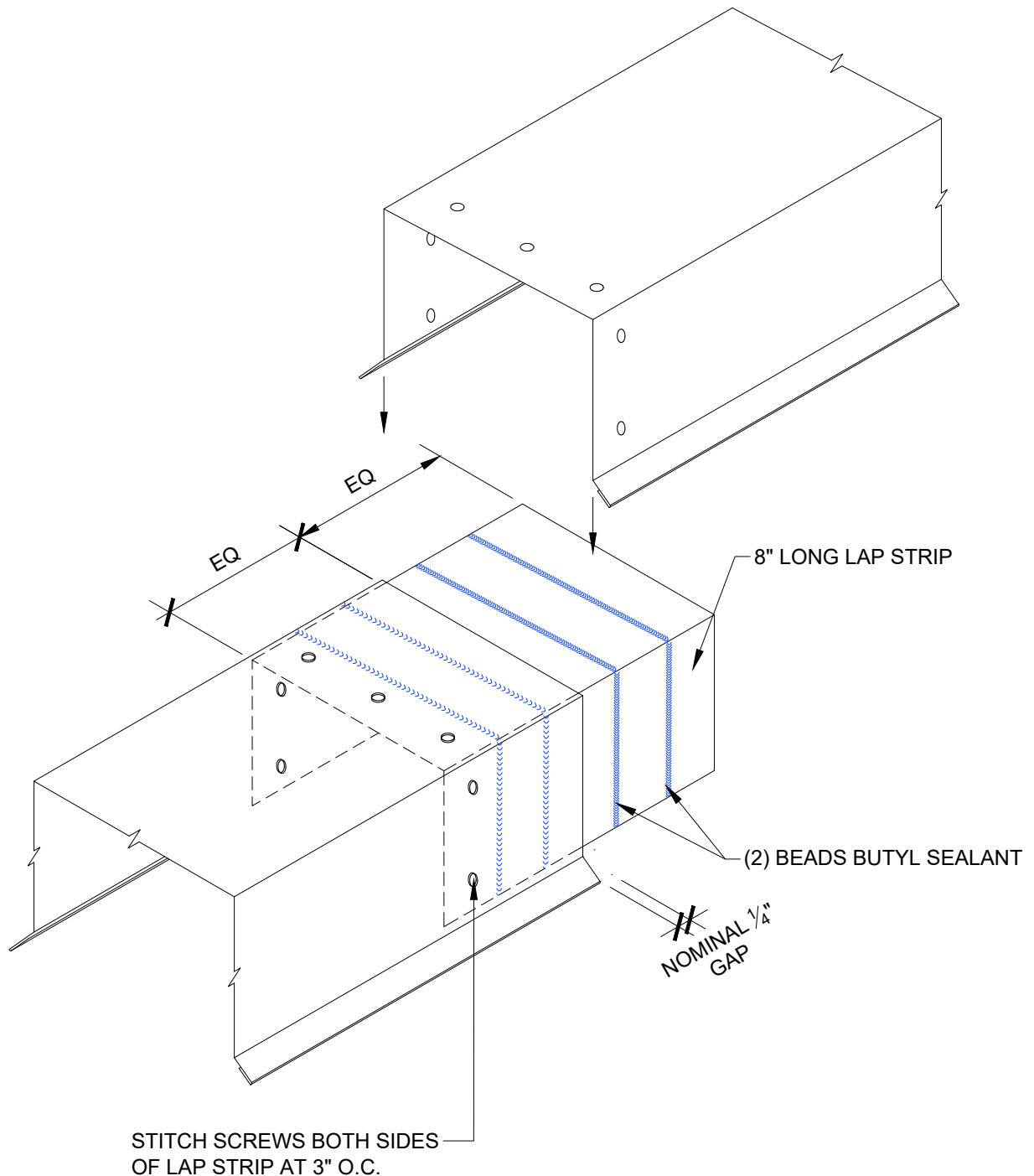
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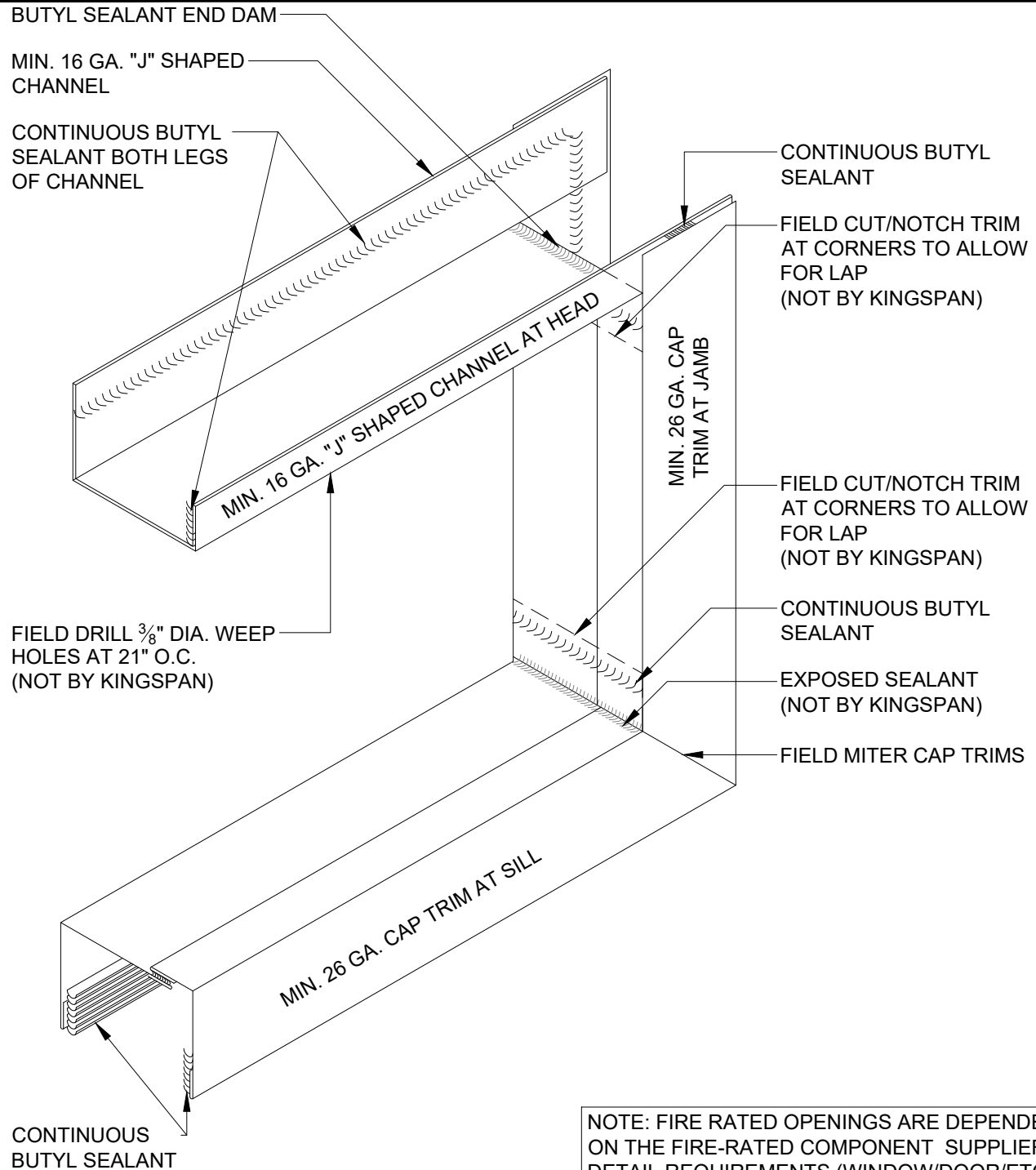
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0	6/10/26

PARAPET TRIM END LAP
W/ LAP STRIP

DETAIL #: FX-TL-03-K-ROC-V
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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

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CAP TRIM
AT FRAMED OPENING

DETAIL #: FX-TL-04-K-ROC-V

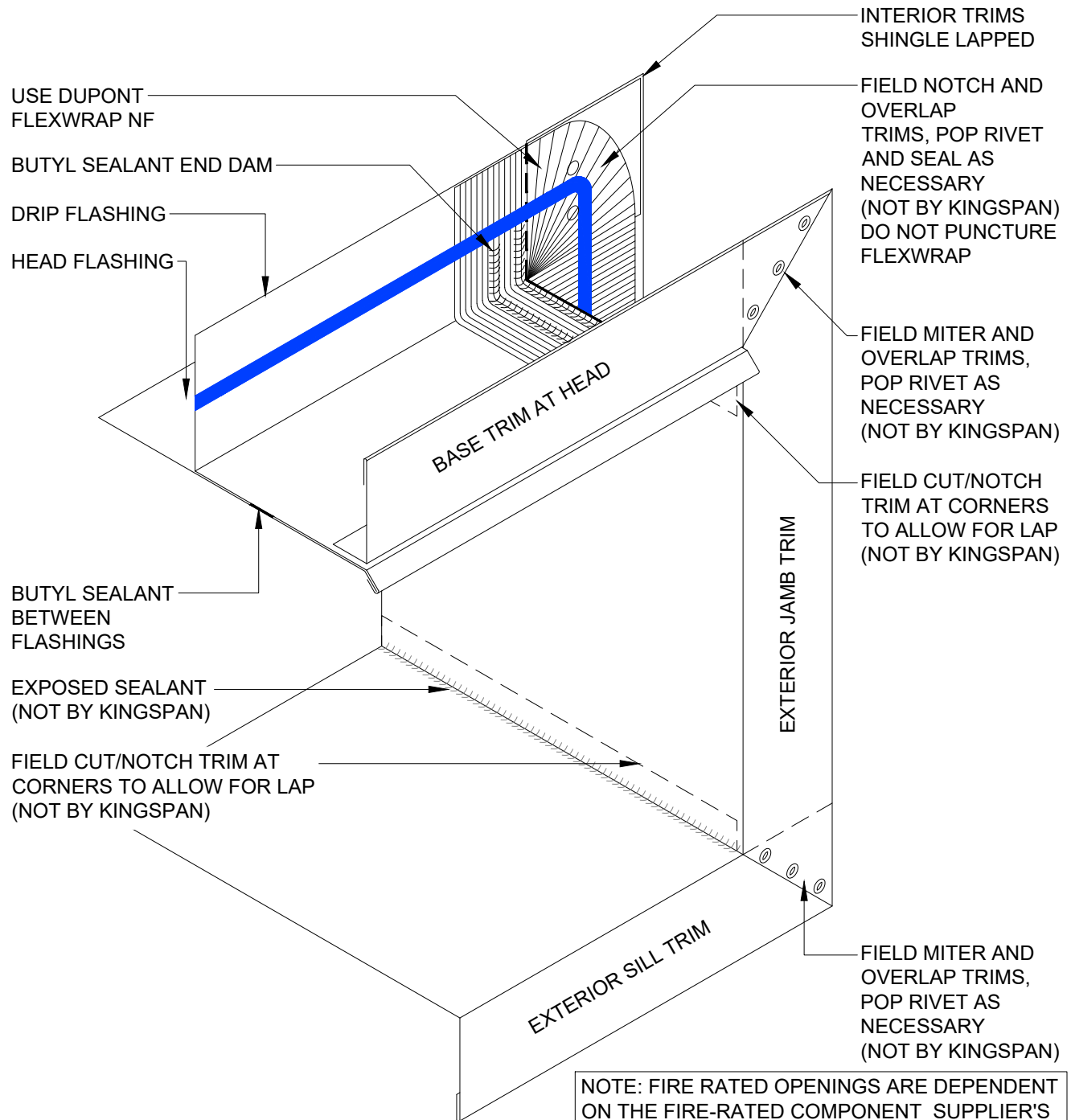
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K-ROC FX SERIES PANELS - FIRE RATED WALL



REVISION	
REVISION #	DATE
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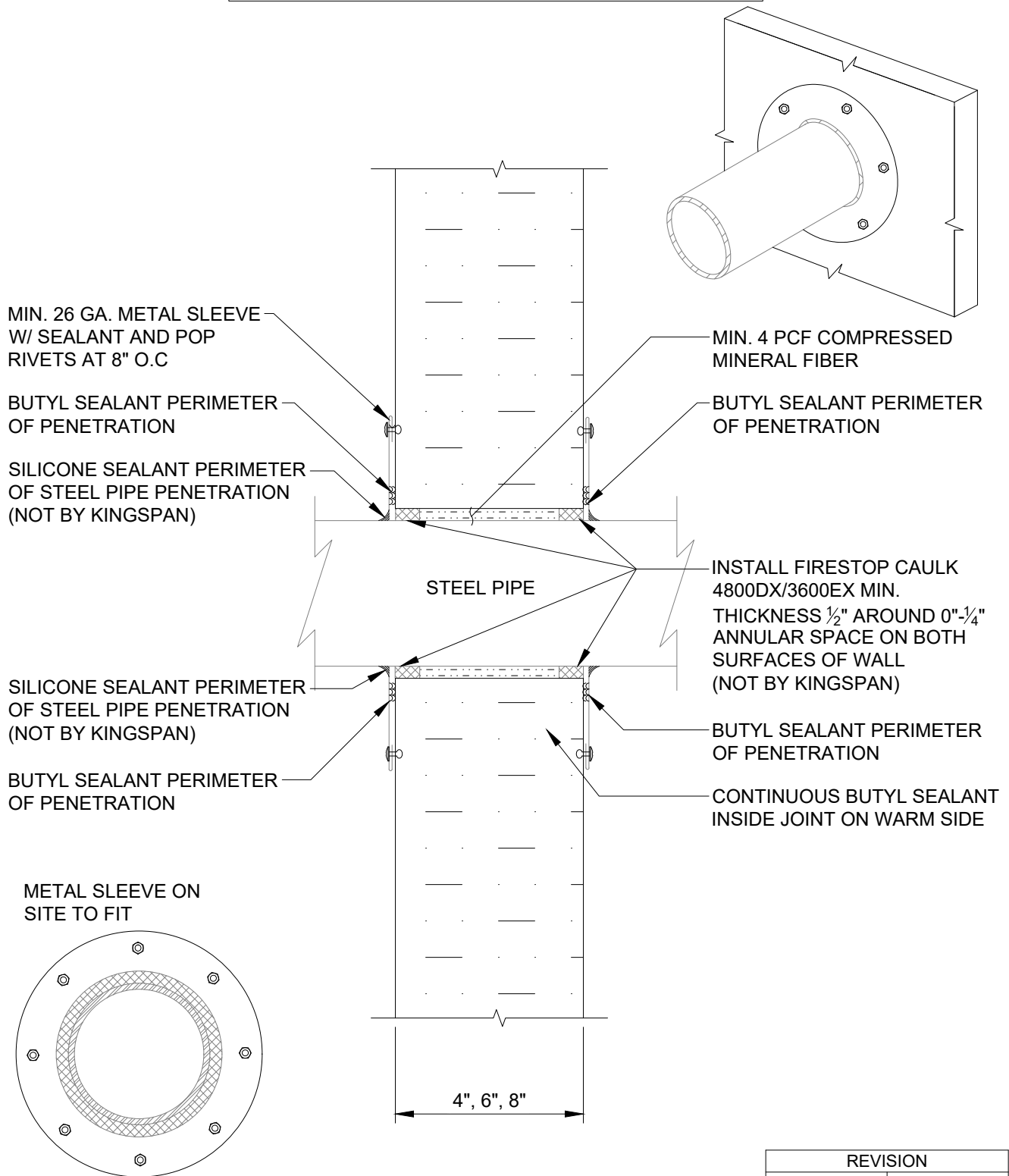
TRIM AT FRAMED OPENING

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K-ROC FX SERIES PANELS - FIRE RATED WALL

AVOID LOCATING PENETRATIONS AT JOINT LOCATIONS



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STRUCTURAL MEMBER PENETRATION

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

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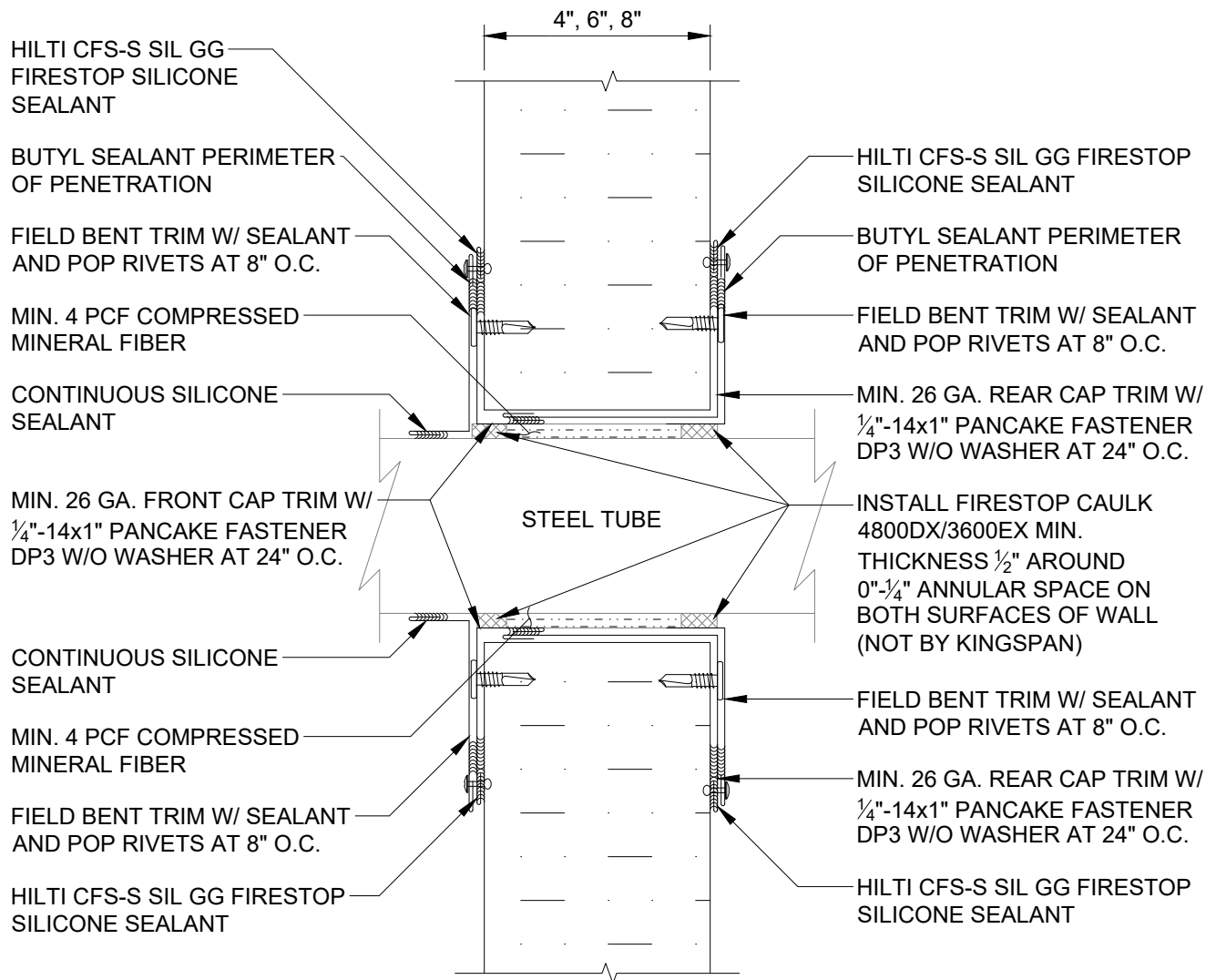
REGION: NORTH AMERICA

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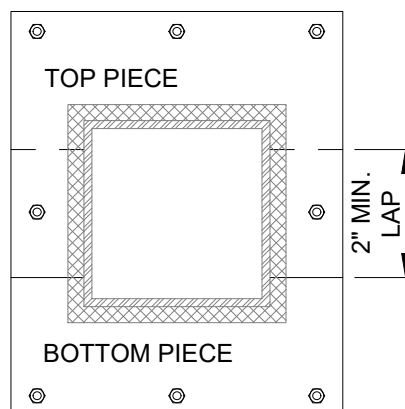


K-ROC FX SERIES PANELS - FIRE RATED WALL

AVOID LOCATING PENETRATIONS AT JOINT LOCATIONS



CUT TRIMS ON SITE TO FIT



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REVISION #	DATE
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STRUCTURAL MEMBER PENETRATION

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

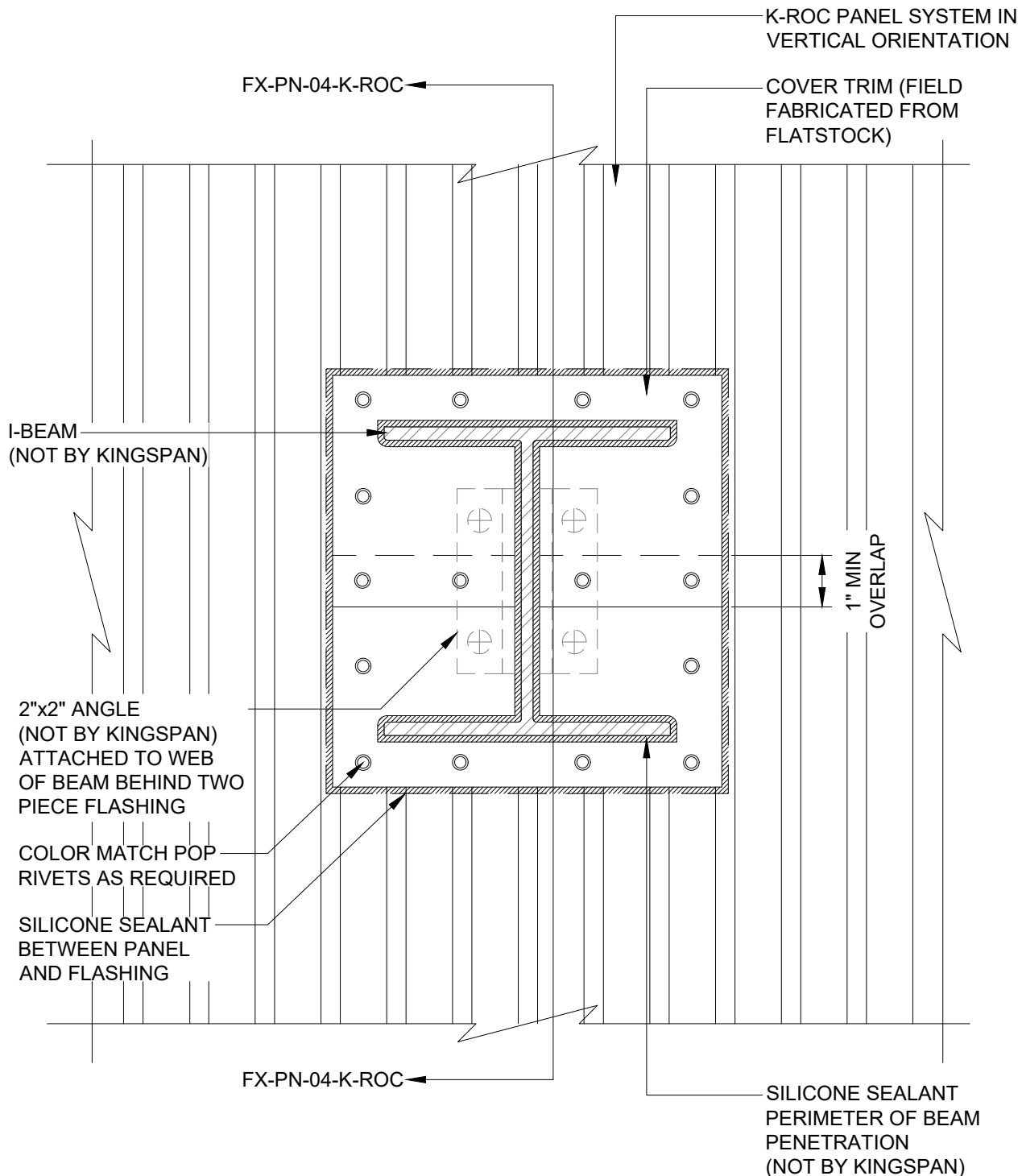
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K-ROC FX SERIES PANELS - FIRE RATED WALL



REVISION	
REVISION #	DATE
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I-BEAM PENETRATION ELEVATION

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

RELEASE: 2026

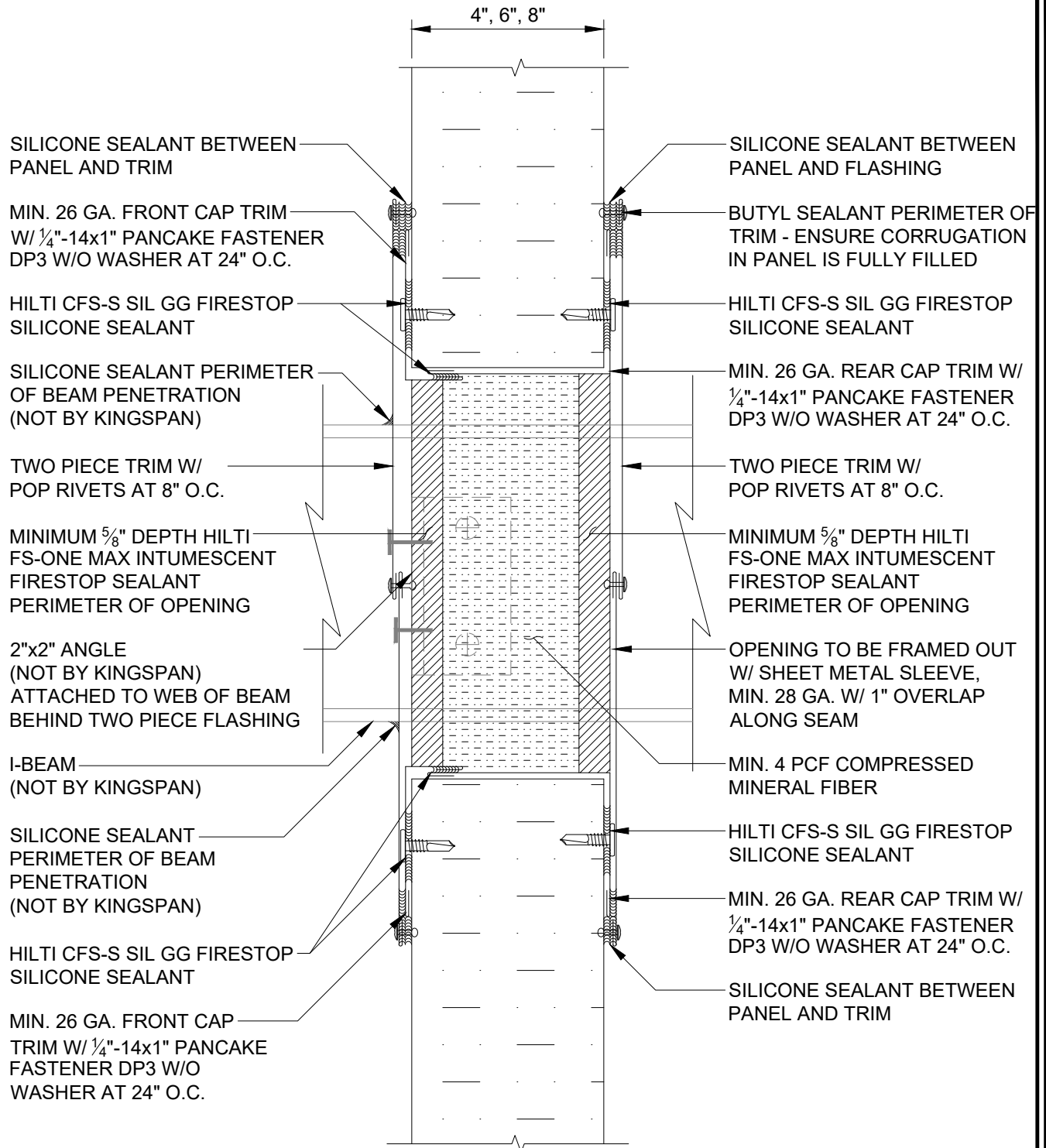
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K-ROC FX SERIES PANELS - FIRE RATED WALL

AVOID LOCATING PENETRATIONS AT JOINT LOCATIONS



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I-BEAM PENETRATION SECTION

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