

K-ROC HF SERIES PANELS - FIRE RATED WALL

HORIZONTAL PANEL INSTALLATION

CLICK TO VIEW



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

REVISION

0	7/26/22
1	9/7/22
2	3/7/23
3	4/24/23
4	1/19/24
5	6/27/25
6	11/21/25

INDEX SHEET HORIZONTAL PANEL
INSTALLATION

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

RELEASE: 2025

REGION: NORTH AMERICA

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K-ROC HF SERIES PANELS - FIRE RATED WALL

HORIZONTAL PANEL INSTALLATION

CLICK TO VIEW



HF-IC-01-K-ROC	INSIDE CORNER W/ FLAT TRIM AT PANEL JOINT
HF-IC-02-K-ROC	INSIDE CORNER W/ FLAT TRIM AT MID PANEL
HF-IC-03-K-ROC	INSIDE CORNER W/ PROFILED TRIM AT PANEL JOINT
HF-IC-04-K-ROC	INSIDE CORNER W/ PROFILED TRIM AT MID PANEL
HF-IP-01-K-ROC	BASE DETAIL - PARTITION
HF-IP-02-K-ROC	FIRE-RATED ASSEMBLY PARTITION TO ROOF
HF-IP-03-K-ROC	INTERIOR PARTITION ENDWALL DETAIL
HF-FO-01-K-ROC	F.O. HEAD W/ FLAT TRIM AND DRIP EDGE
HF-FO-02-K-ROC	F.O. HEAD W/ PROFILED TRIM AND DRIP EDGE
HF-FO-03-K-ROC	F.O. JAMB W/ FLAT JAMB TRIM AT PANEL JOINT
HF-FO-04-K-ROC	F.O. JAMB W/ FLAT JAMB TRIM AT MID PANEL
HF-FO-05-K-ROC	F.O. JAMB W/ PROFILED JAMB TRIM AT MID PANEL
HF-FO-06-K-ROC	F.O. SILL W/ FLAT TRIM
HF-FO-07-K-ROC	F.O. SILL W/ PROFILED TRIM
HF-VJ-01-K-ROC	VERTICAL JOINT 4" PANEL
HF-VJ-02-K-ROC	VERTICAL JOINT 6" & 8" PANEL
HF-PR-01-K-ROC	PARAPET W/ FLUSH TRIM
HF-PR-02-K-ROC	PARAPET W/ PROFILED TRIM

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HORIZONTAL PANEL INSTALLATION

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

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K-ROC HF SERIES PANELS - FIRE RATED WALL

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.

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COMMERCIAL/INDUSTRIAL
DISCLAIMER

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CORE DEPTHS:
4", 6", 8"

MODULE WIDTH:
42"

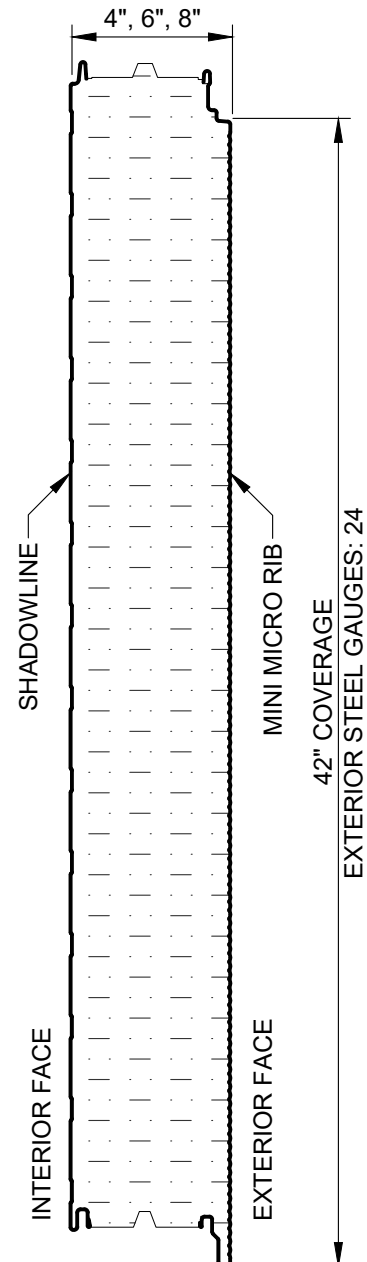
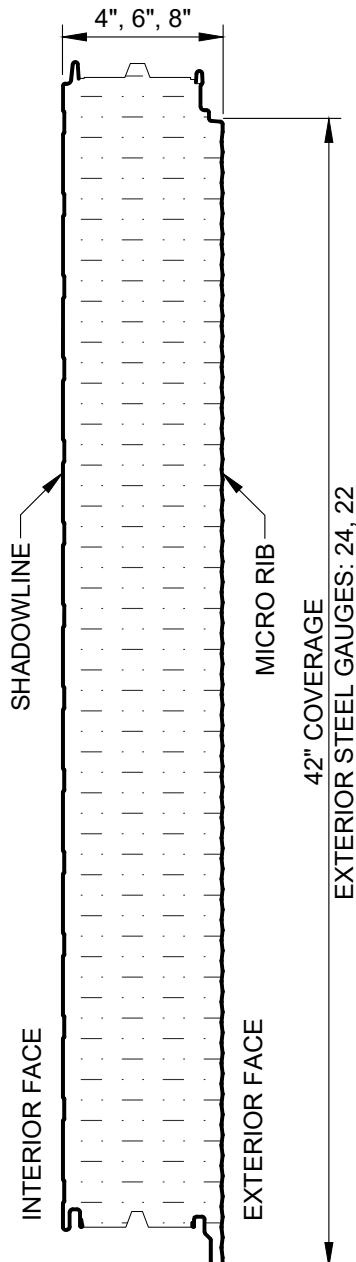
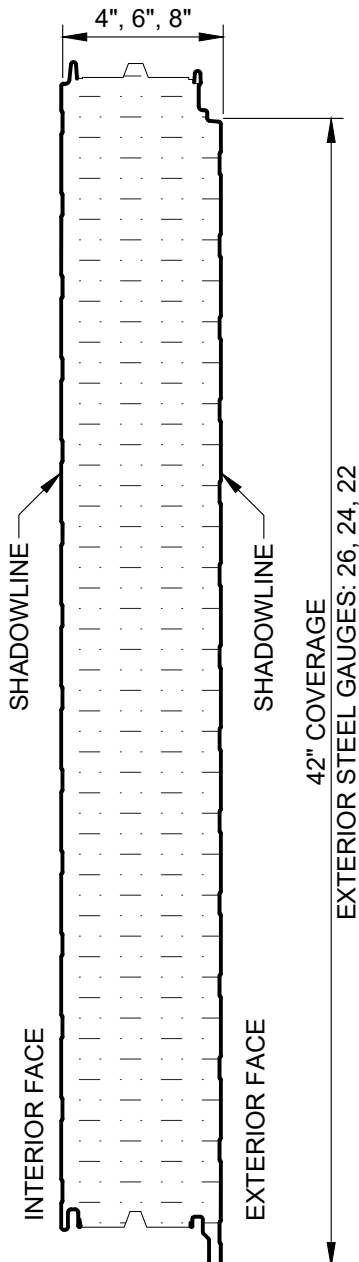
EMBOSSING:
EXTERIOR: STUCCO / NON-EMBOSSSED
INTERIOR: NON-EMBOSSSED

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

PANEL ORIENTATION:
HORIZONTAL

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"

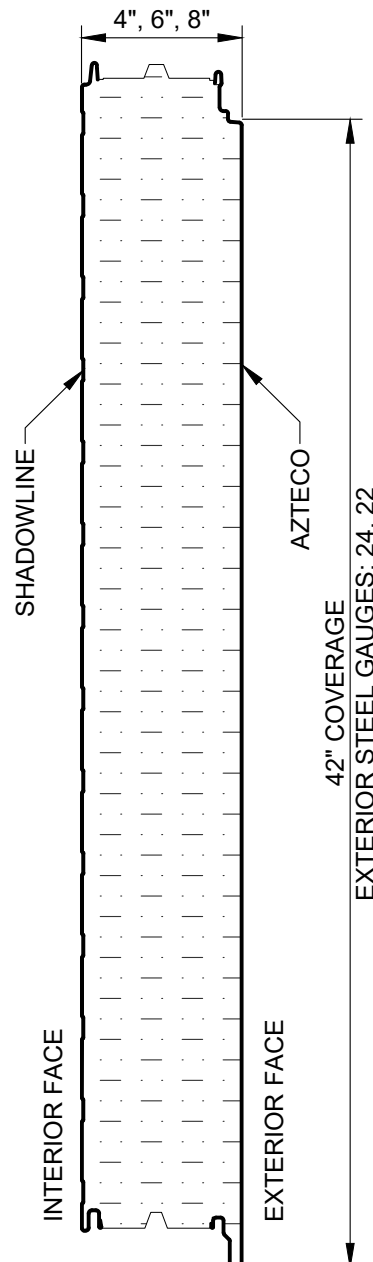
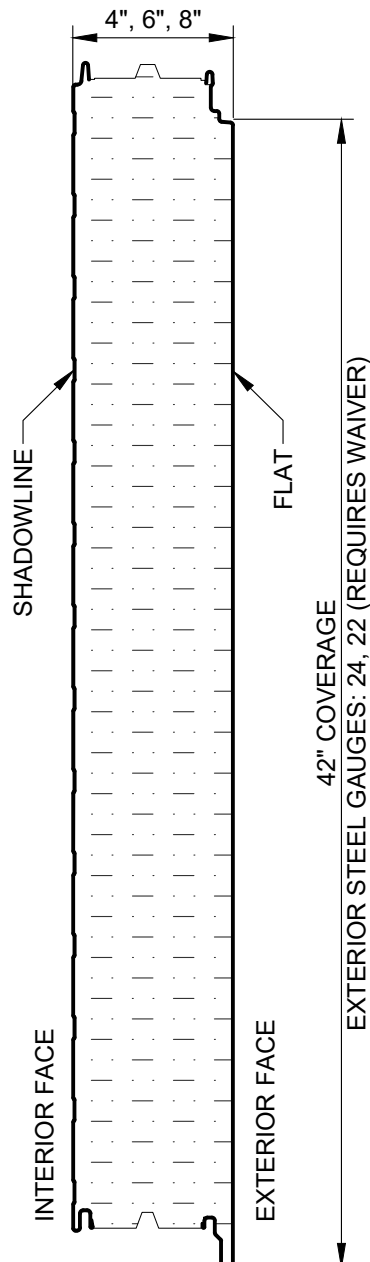
EMBOSSING:
EXTERIOR: STUCCO / NON-EMBOSSED
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EXTERIOR: REFER TO PROFILE
INTERIOR: 26, 24, 22

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



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PANEL PROFILES

DETAIL #: HF-PP-02-K-ROC

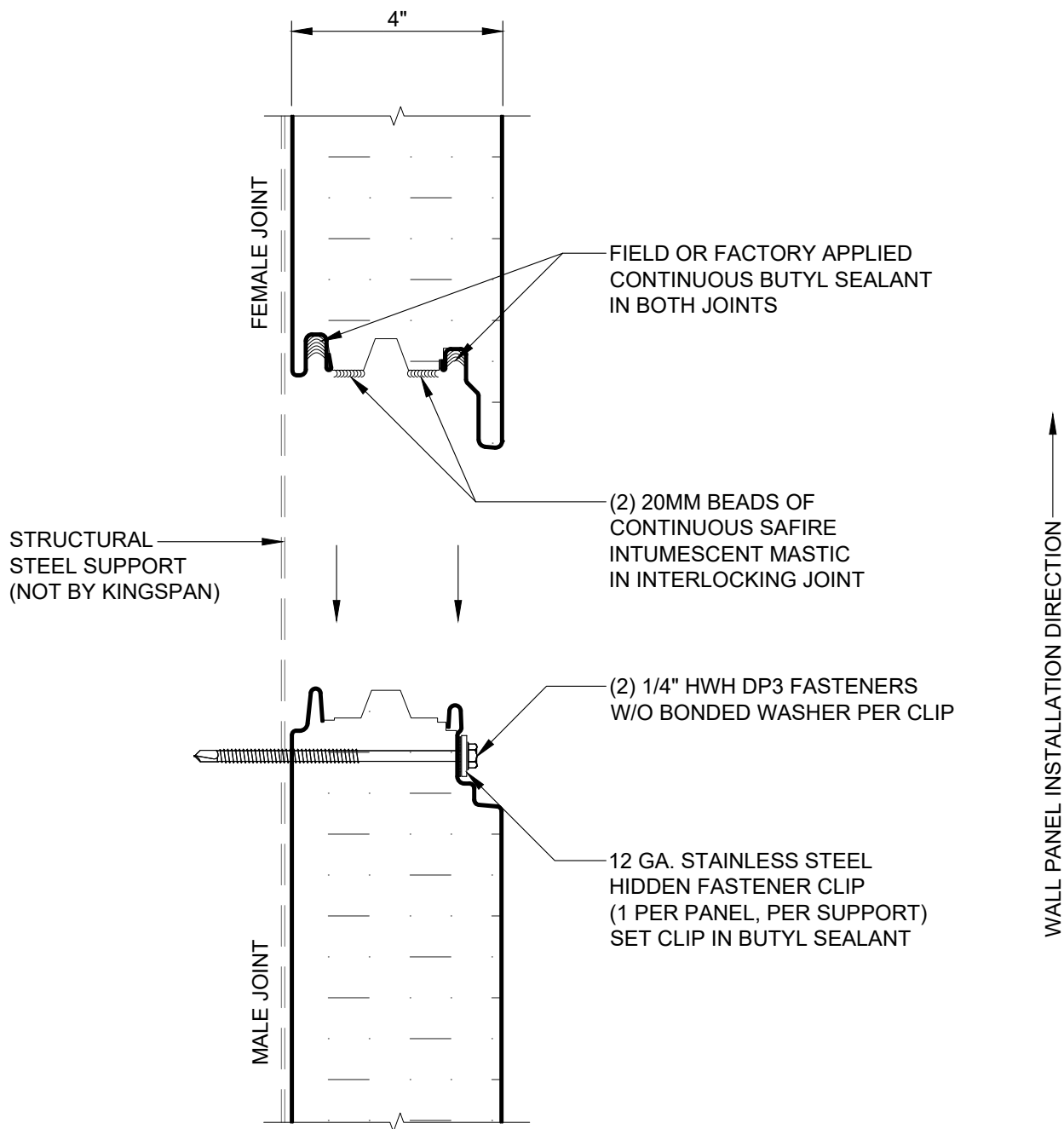
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K-ROC HF SERIES PANELS - FIRE RATED WALL



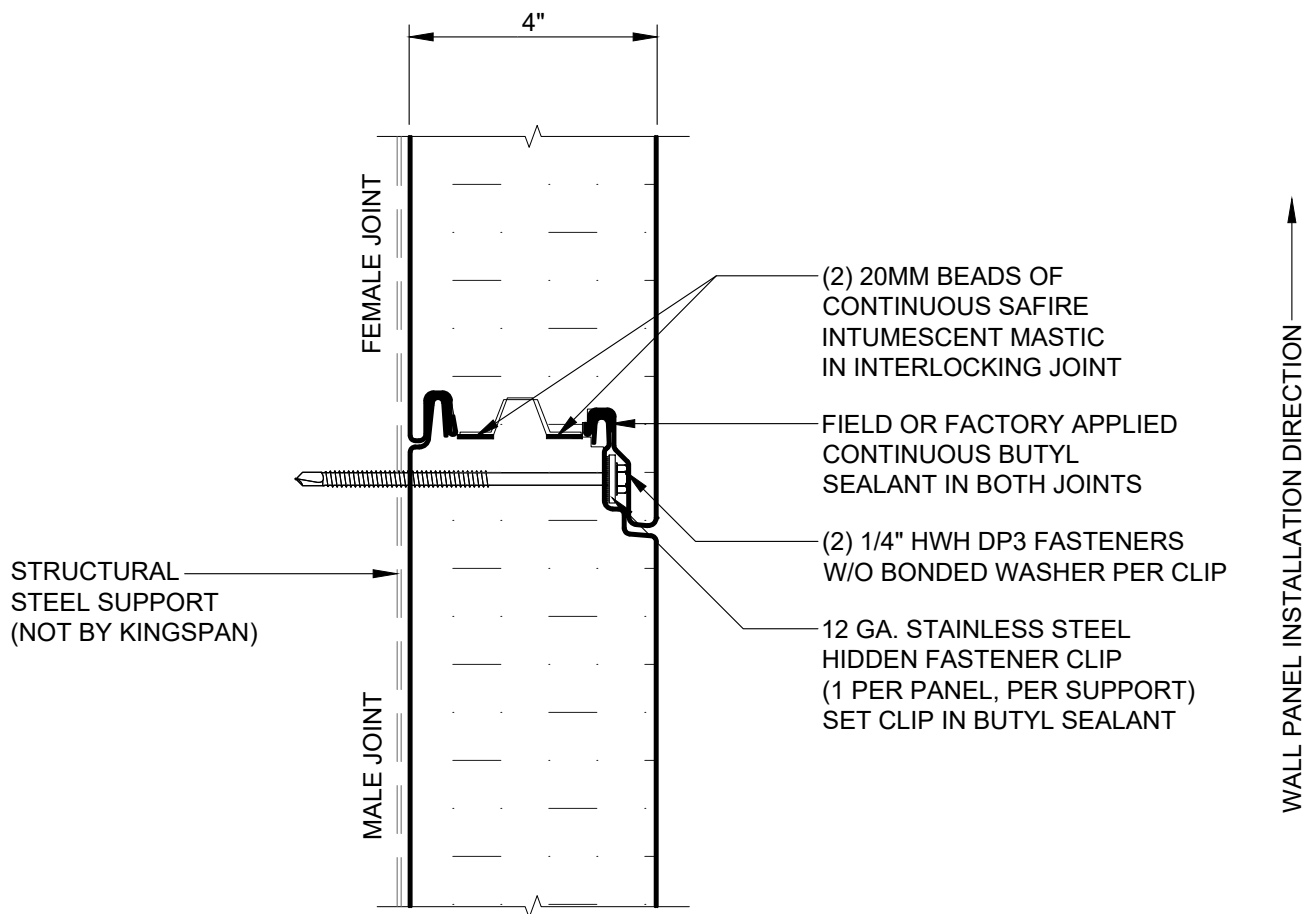
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K-ROC 4" EXPANDED
PANEL JOINT

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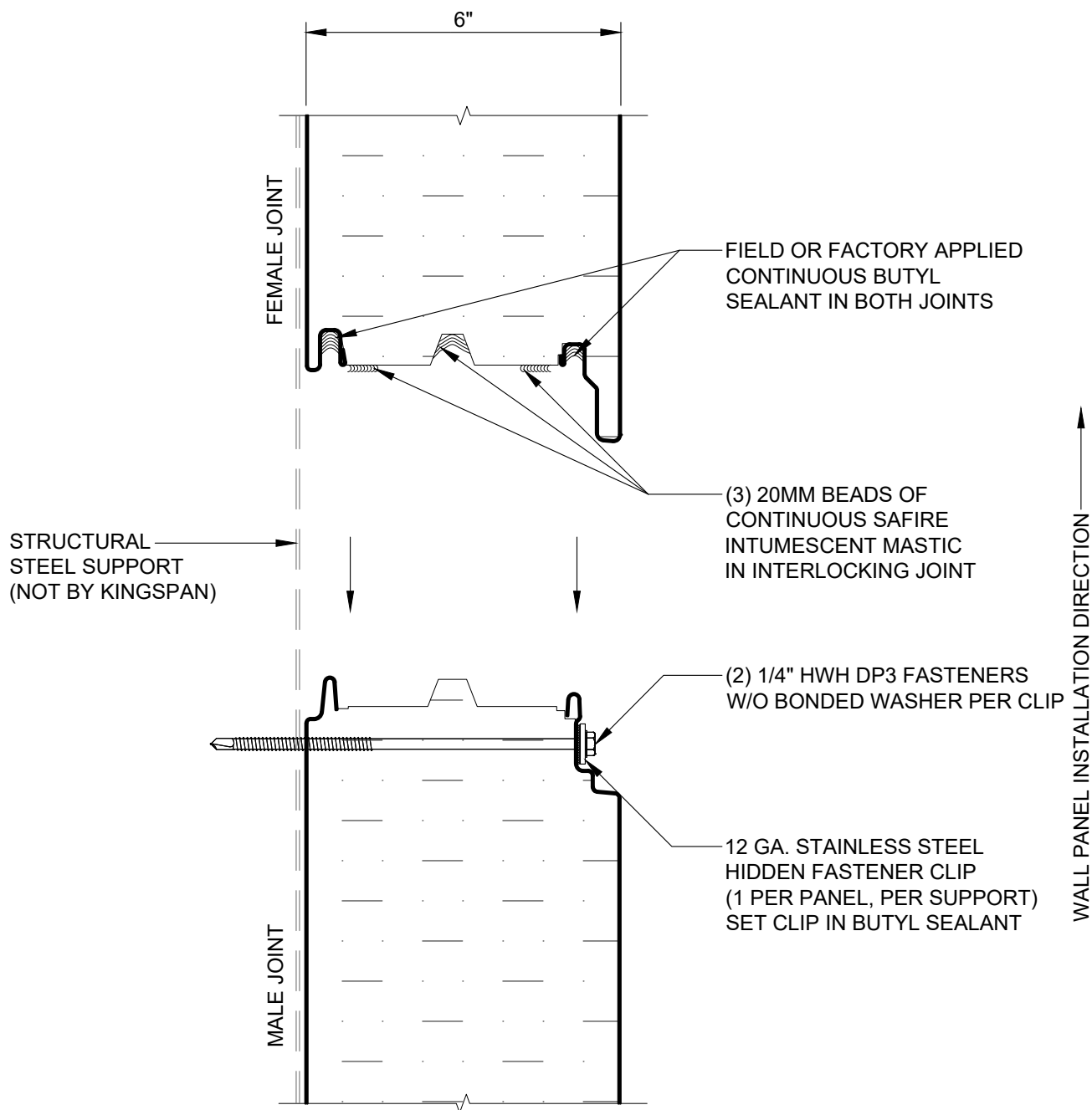
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K-ROC 4" ENGAGED
PANEL JOINT

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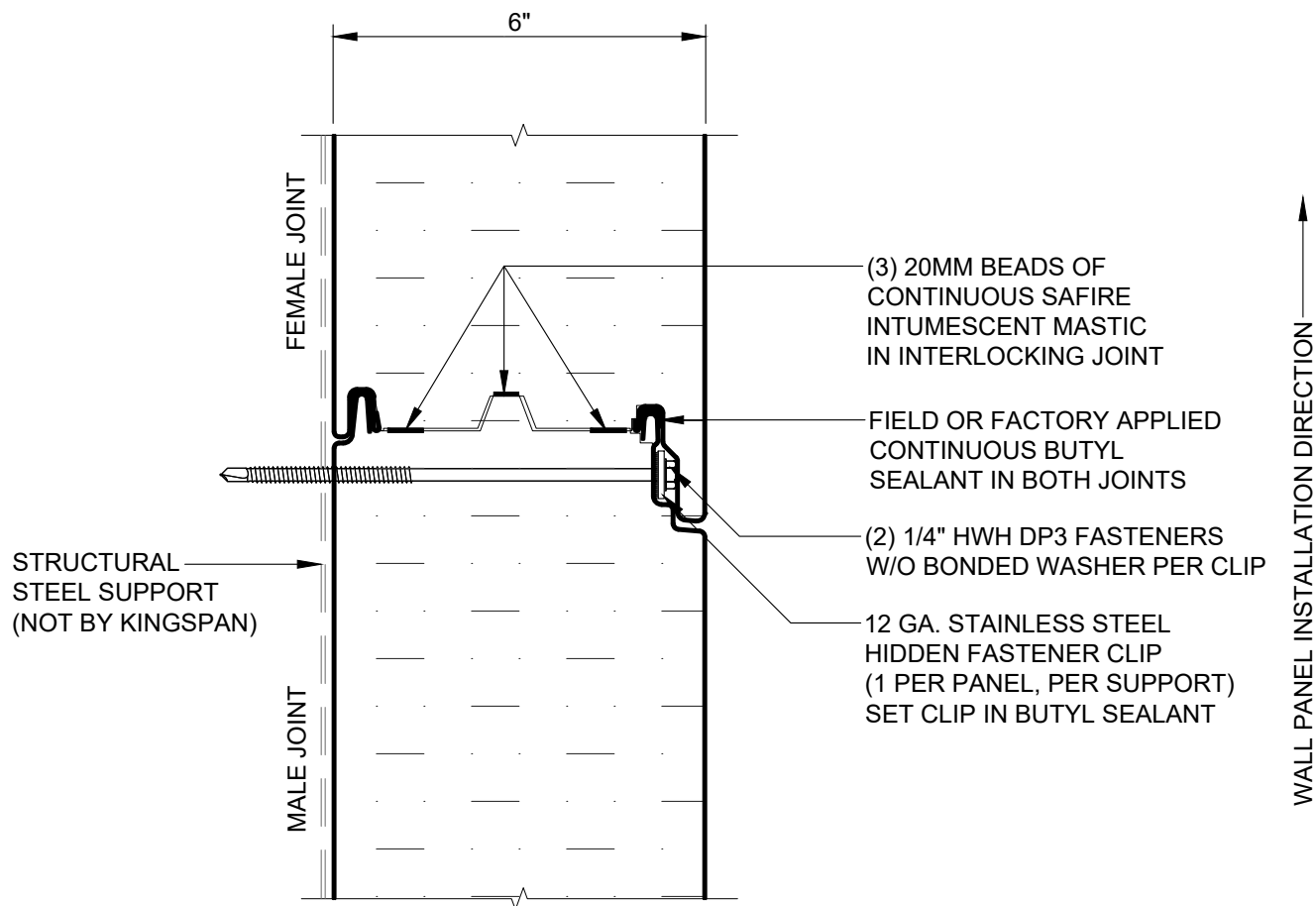
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K-ROC 6" EXPANDED
PANEL JOINT

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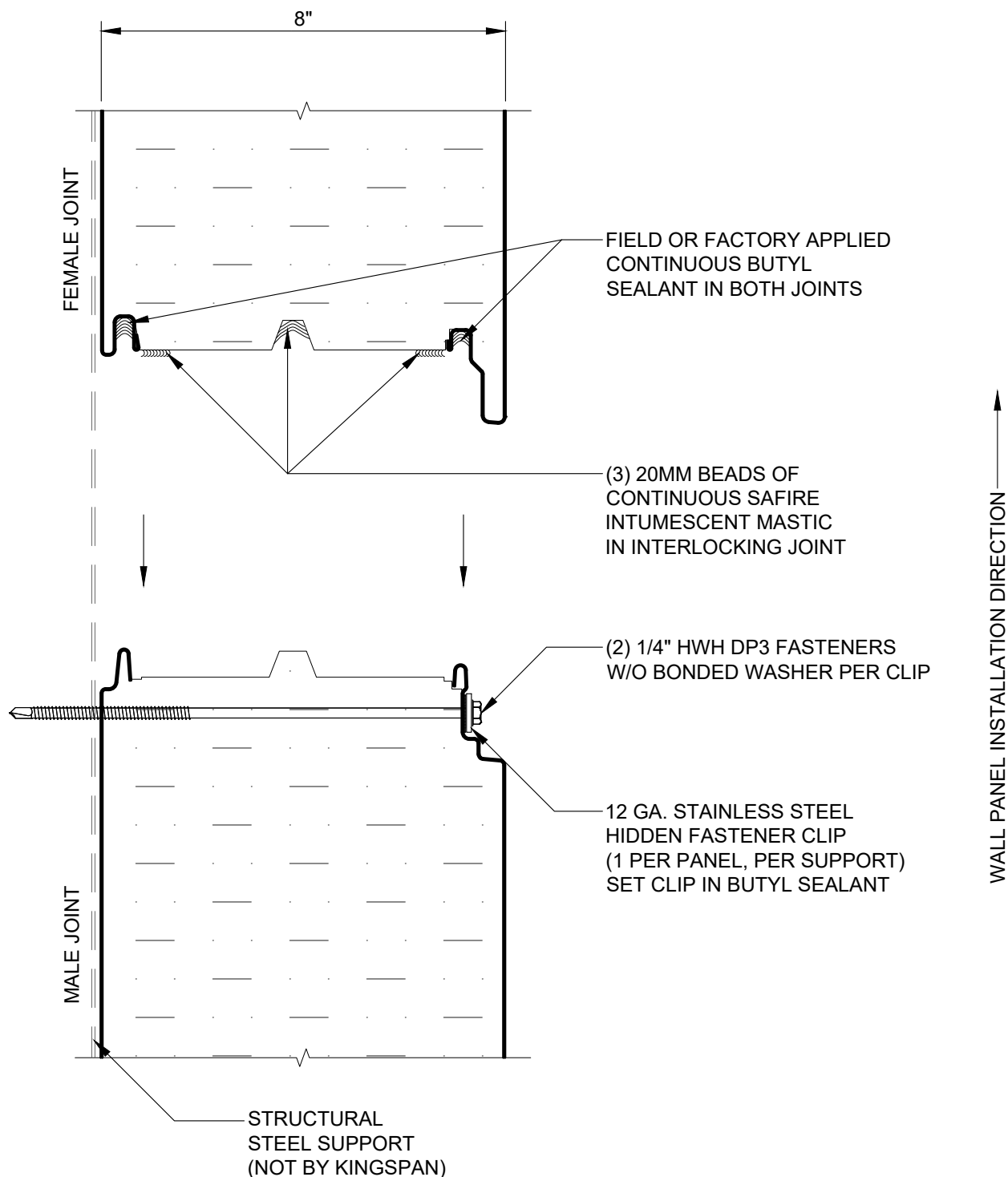
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K-ROC 6" ENGAGED
PANEL JOINT

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K-ROC 8" EXPANDED
PANEL JOINT

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

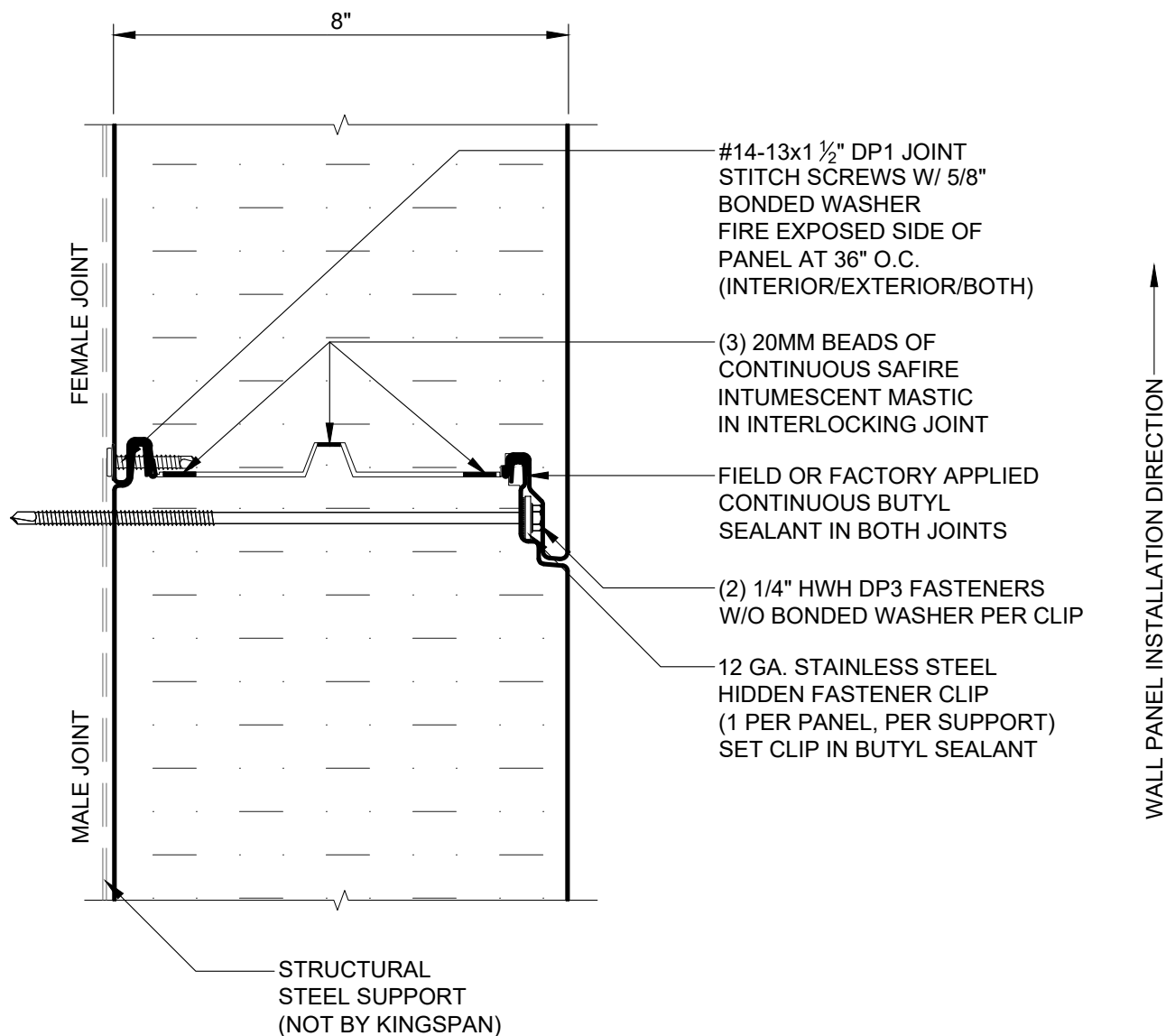
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K-ROC 8" ENGAGED
PANEL JOINT

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

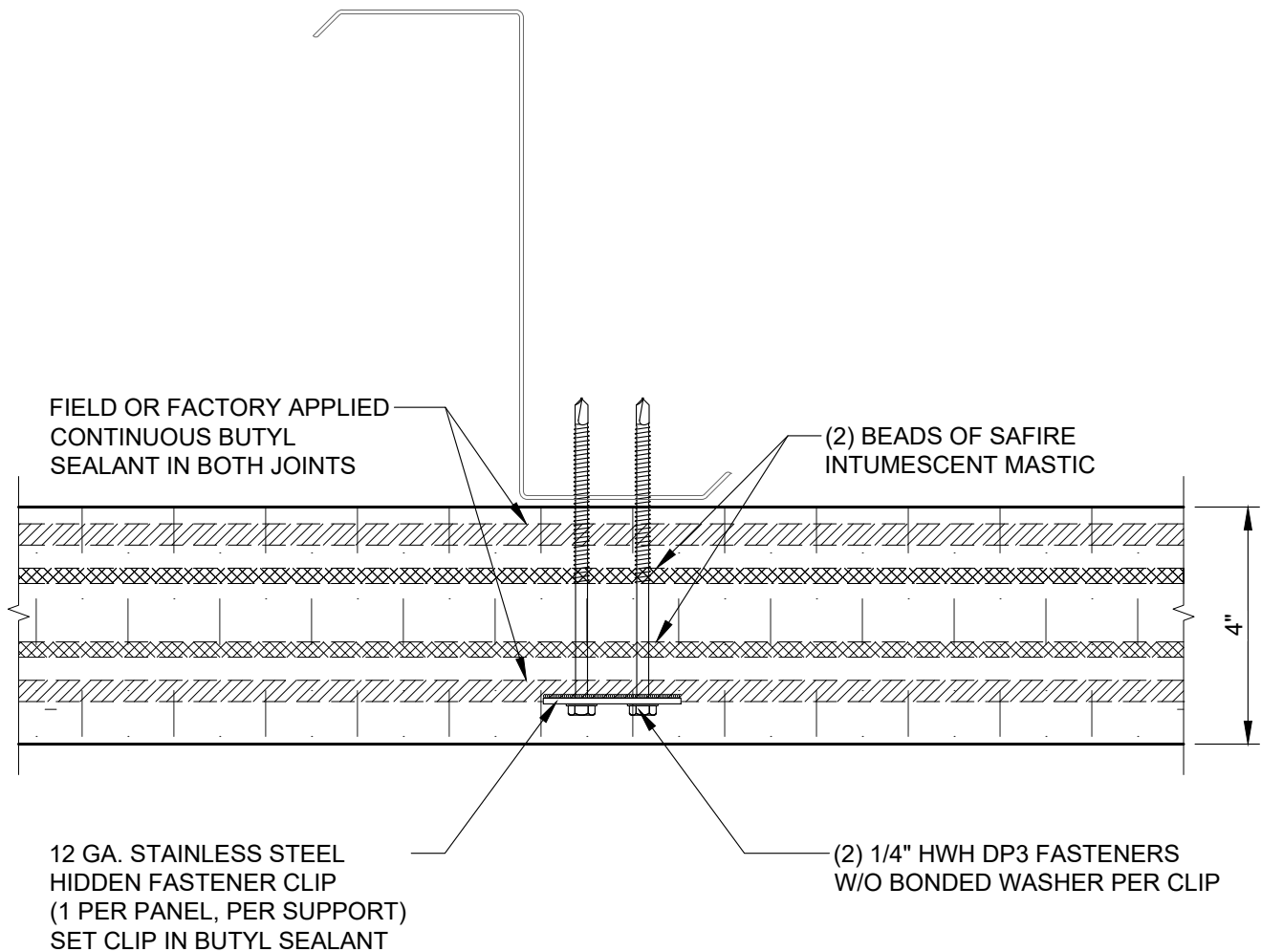
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4" SEALANTS IN JOINT

DETAIL #: HF-PJ-07-K-ROC

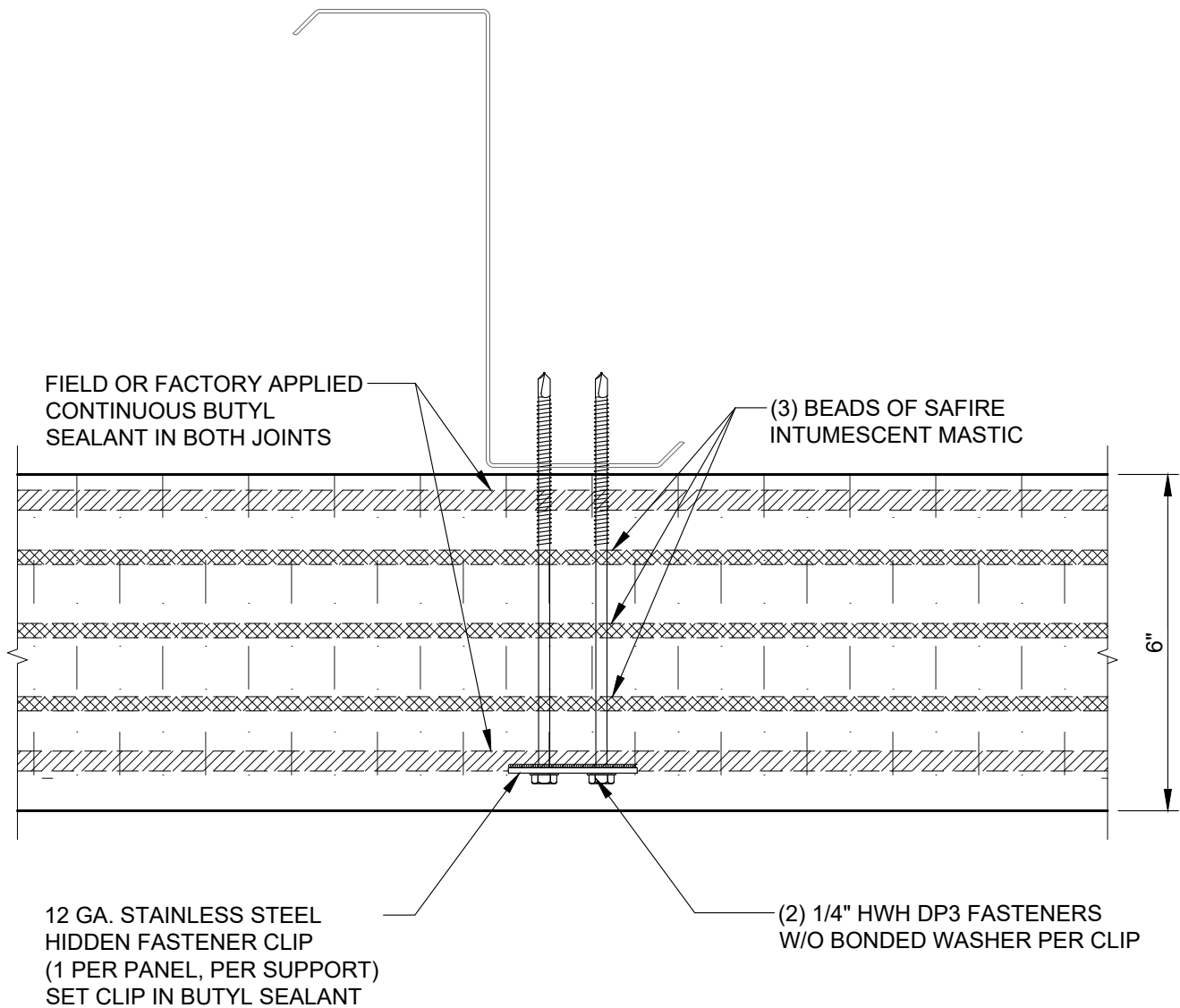
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6" SEALANTS IN JOINT

DETAIL #: HF-PJ-08-K-ROC

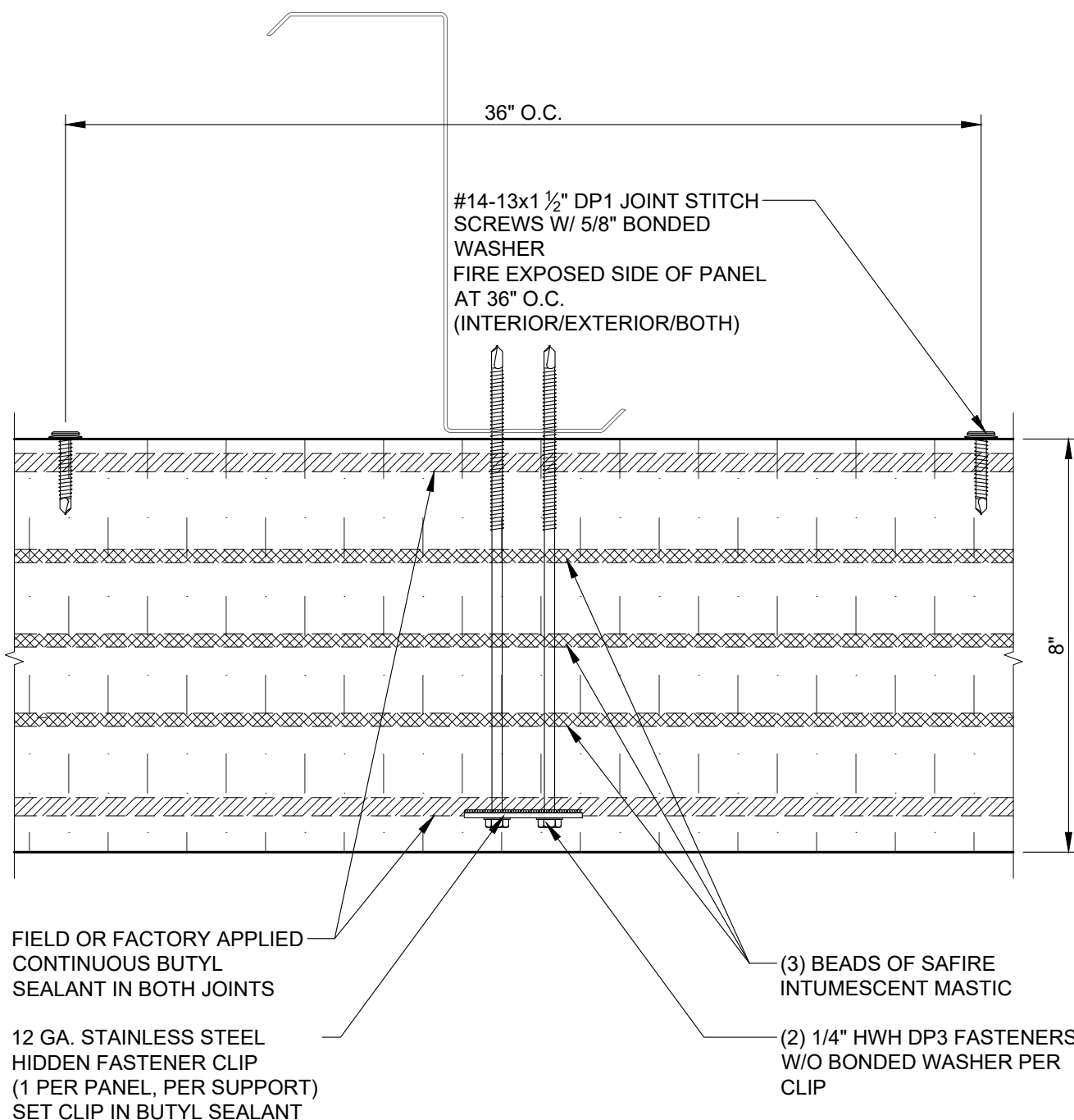
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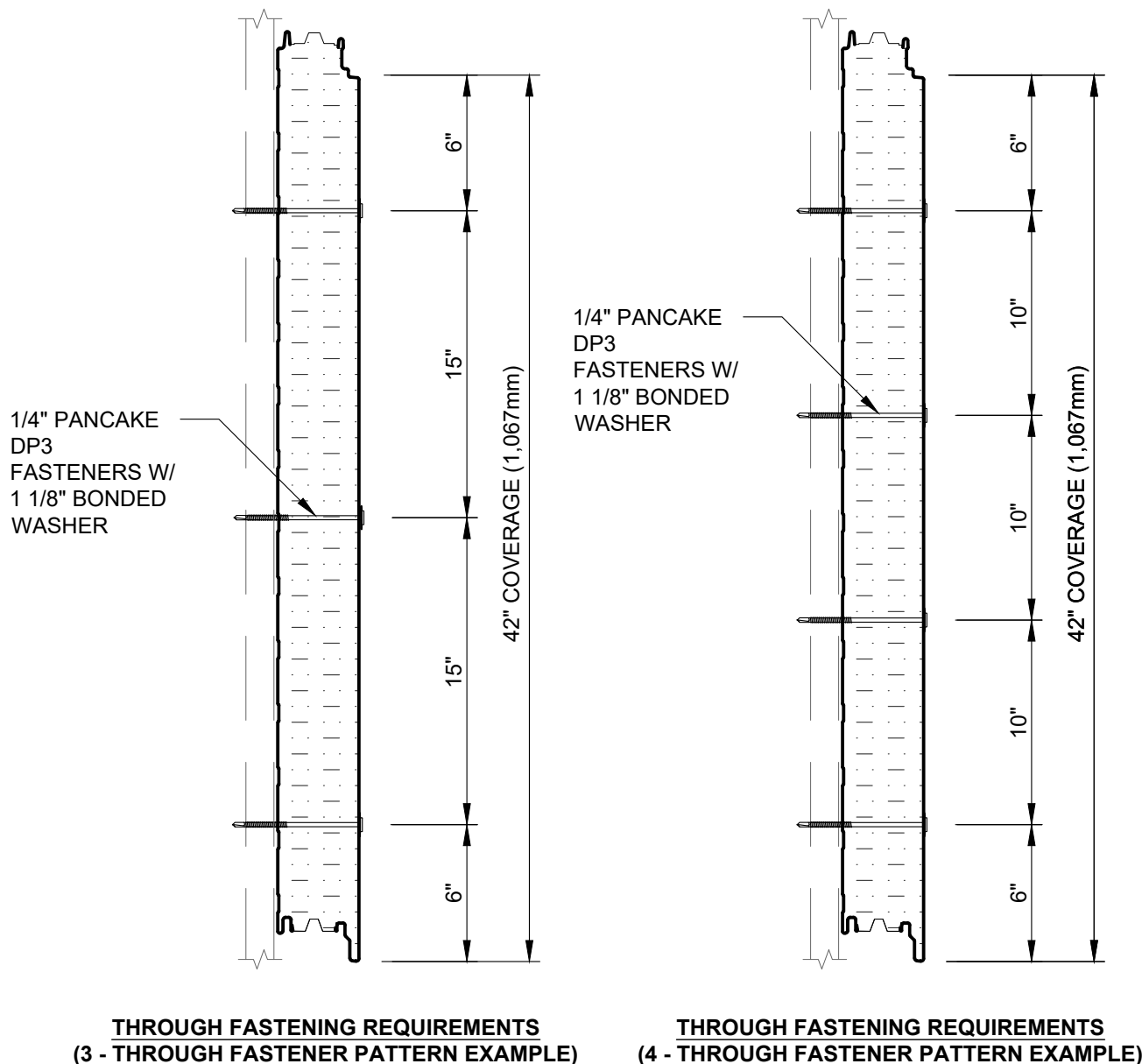
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8" SEALANTS IN JOINT

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FASTENING PATTERNS

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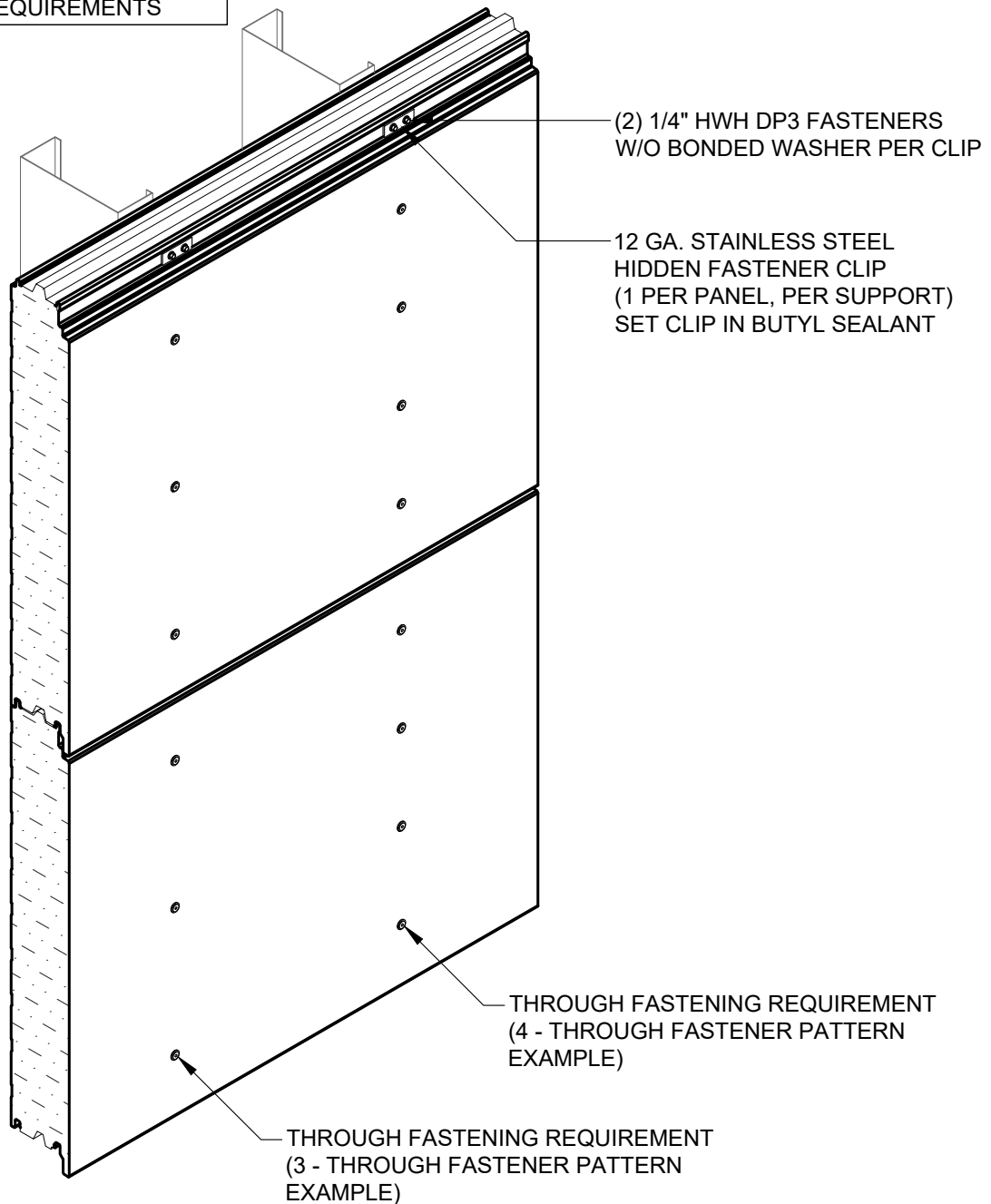


K-ROC HF SERIES PANELS - FIRE RATED WALL

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-09 FOR INTERIOR
FASTENING REQUIREMENTS



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FASTENING PATTERNS
ISOMETRIC

DETAIL #: HF-FP-02-K-ROC

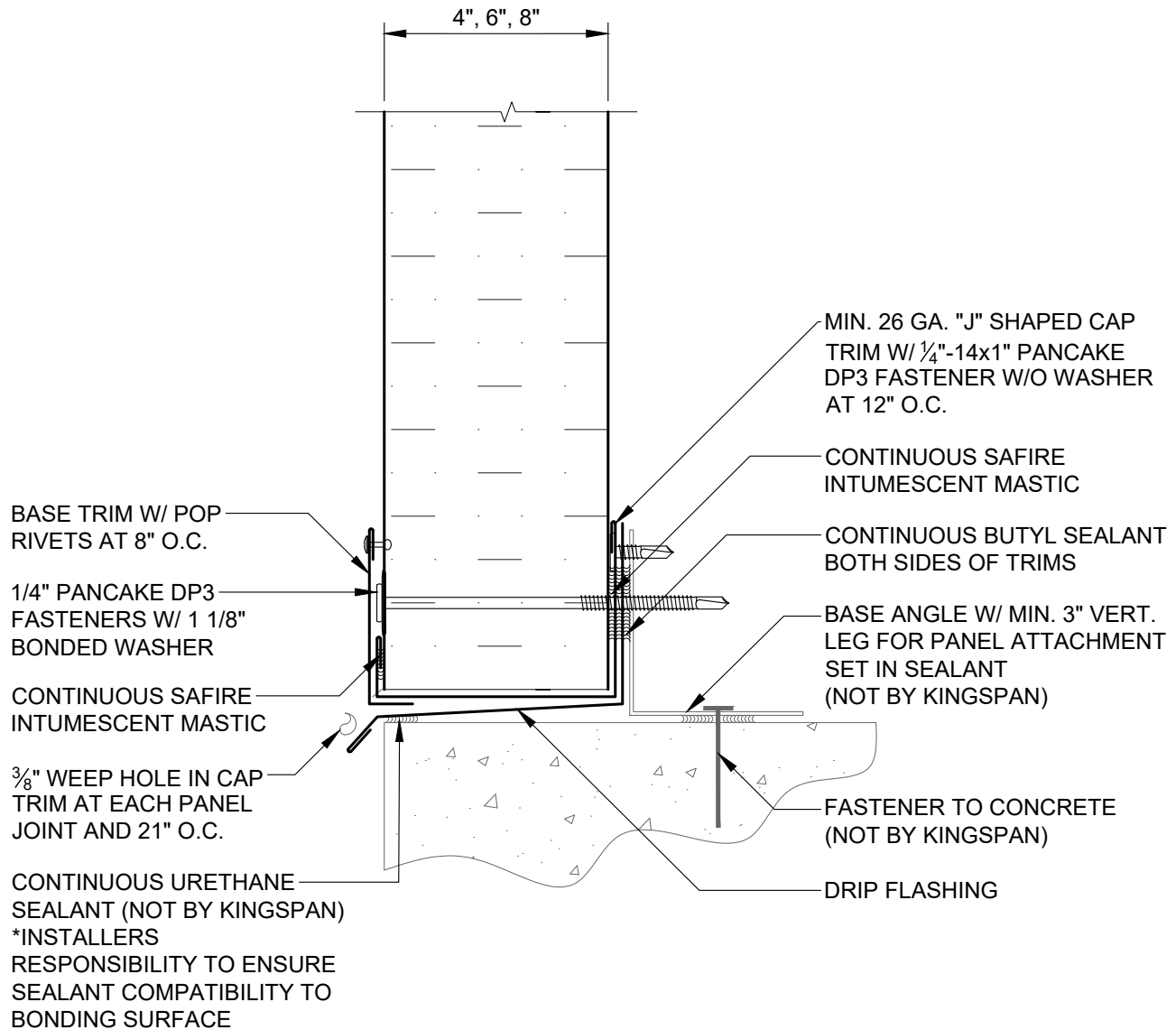
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K-ROC HF SERIES PANELS - FIRE RATED WALL



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 W/ FLAT TRIM

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

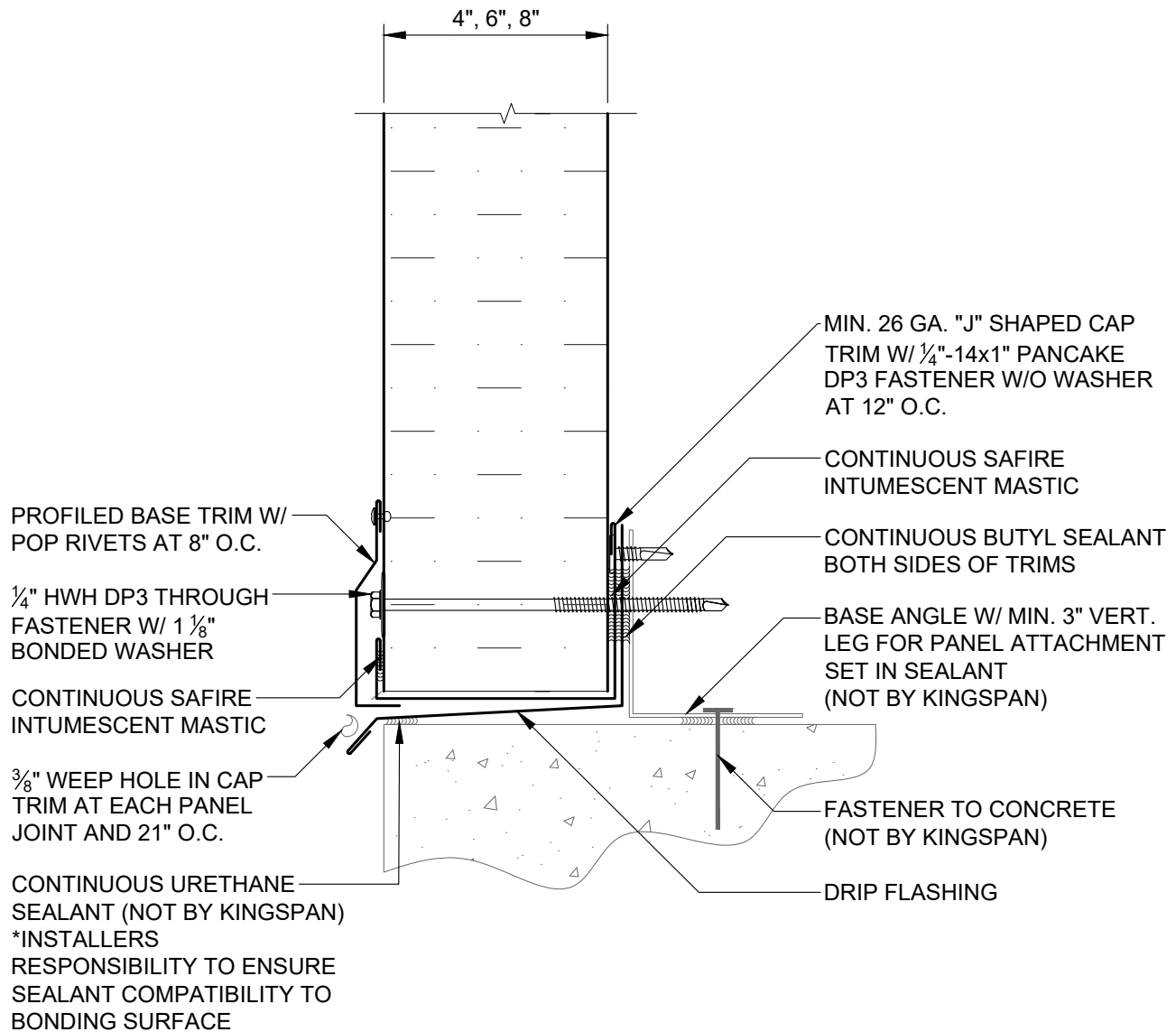
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K-ROC HF SERIES PANELS - FIRE RATED WALL



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 W/ PROFILED TRIM

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

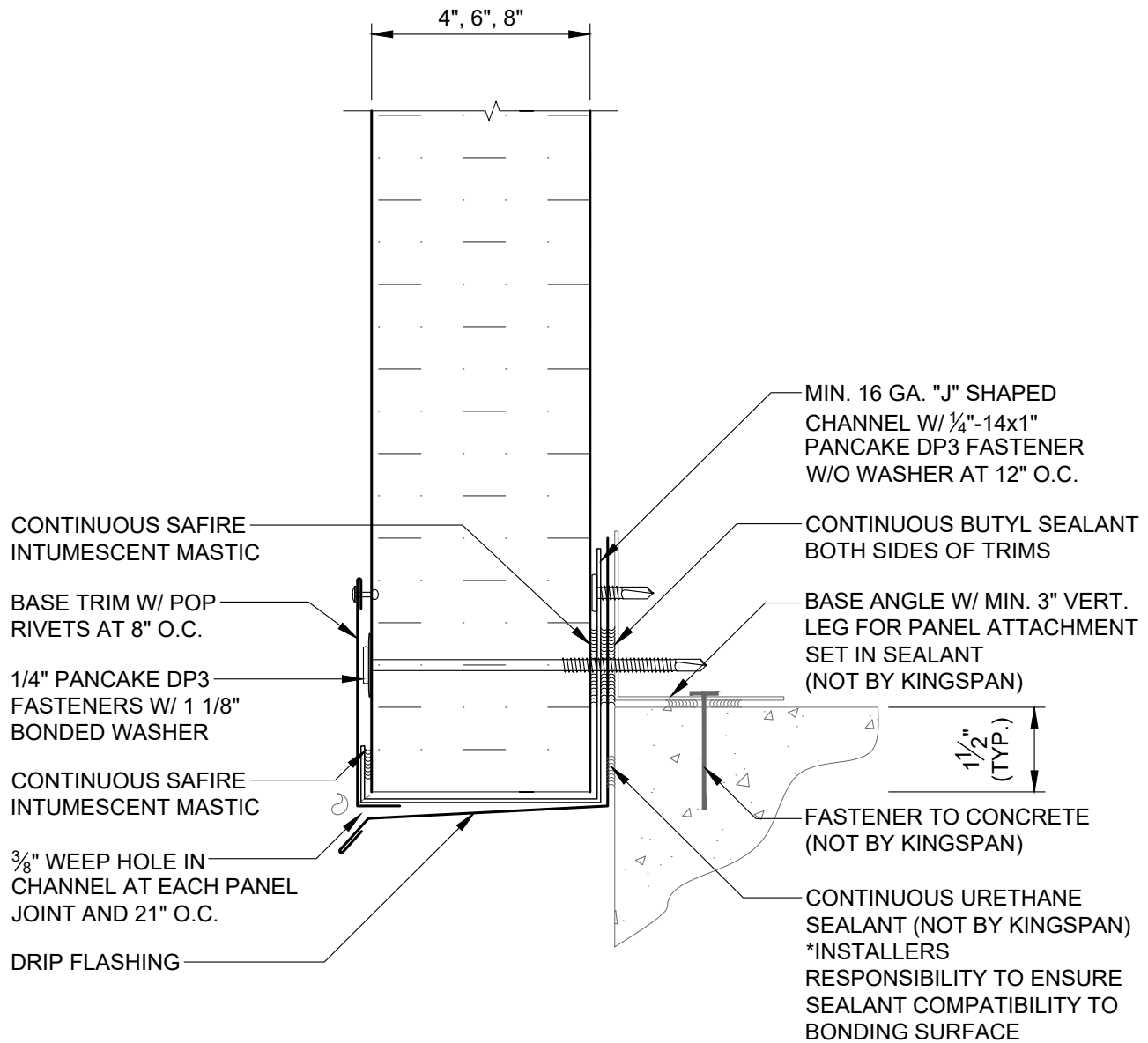
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K-ROC HF SERIES PANELS - FIRE RATED WALL



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

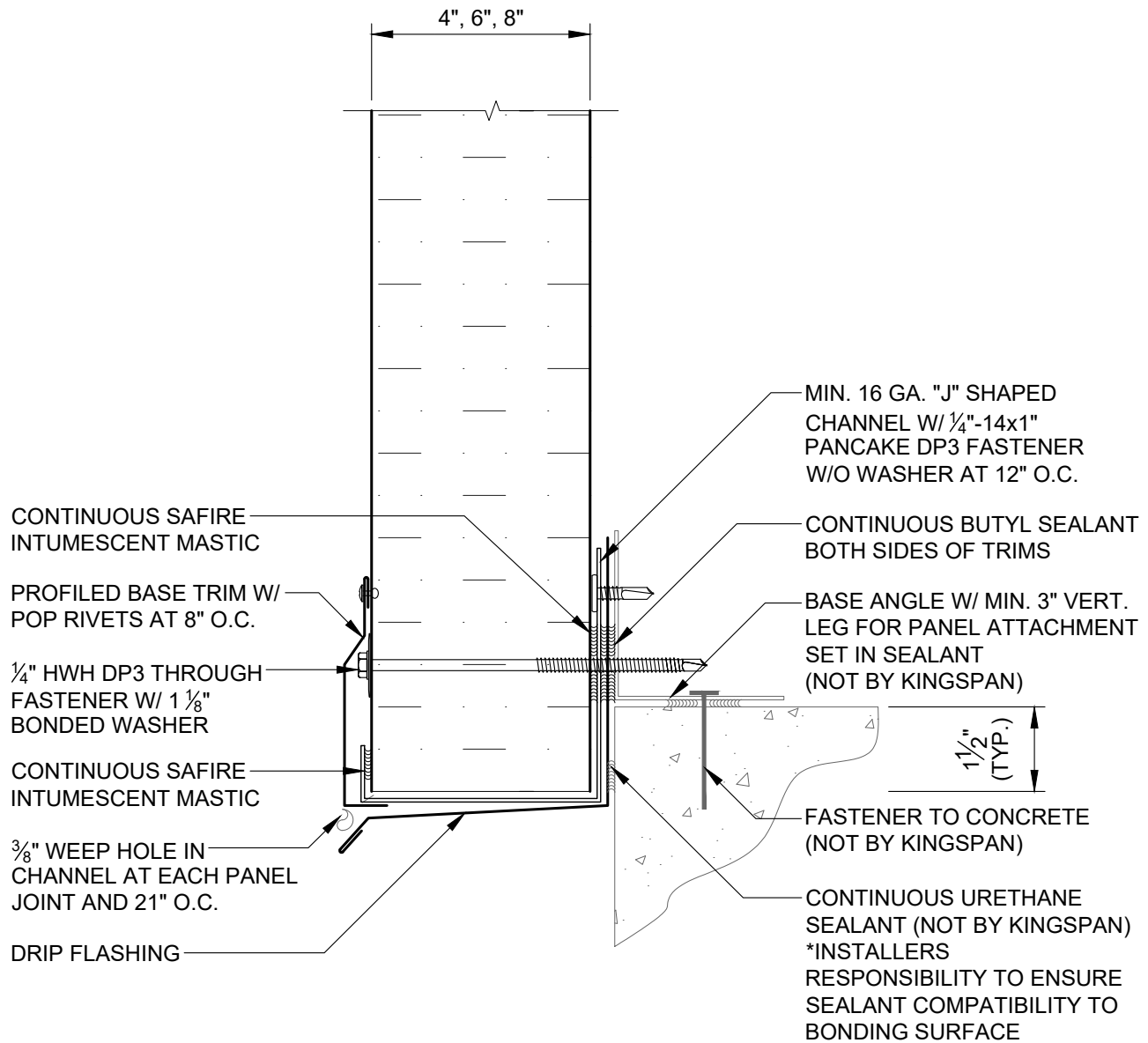
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OVERHANG W/ BASE SUPPORT
W/ FLAT TRIM

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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
W/ PROFILED TRIM

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K-ROC HF SERIES PANELS - FIRE RATED WALL

OUTSIDE CORNER TRIM
W/ POP RIVETS AT 8" O.C.

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

KS JOINT FILLER
GASKET 14174

CONTINUOUS SAFIRE
INTUMESCENT MASTIC
W/ MARRIAGE BEAD
ACROSS PANEL JOINT

MIN. 4 PCF COMPRESSED
MINERAL FIBER

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

KS JOINT FILLER
GASKET 14174

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

CONTINUOUS BUTYL
TAPE

*() BEADS OF SAFIRE
INTUMESCENT MASTIC
IN INTERLOCKING JOINT

FIELD OR FACTORY APPLIED
CONTINUOUS BUTYL
SEALANT IN BOTH JOINTS

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

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-03 - PJ-06
FOR REFERENCE)

CONTINUOUS BUTYL TAPE

(2) 1/4" 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

INSIDE CORNER TRIM

CONTINUOUS BUTYL SEALANT

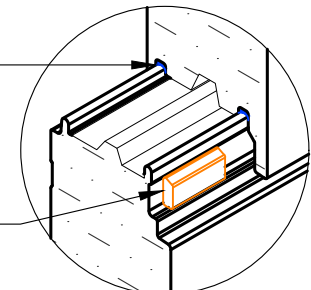
CONTINUOUS SAFIRE
INTUMESCENT MASTIC

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

VERTICAL SUPPORT
(NOT BY KINGSPAN)

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

KS JOINT FILLER
GASKET
INSTALLED IN JOINT
CAVITY



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OUTSIDE CORNER W/ FLAT TRIM
AT PANEL JOINT

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

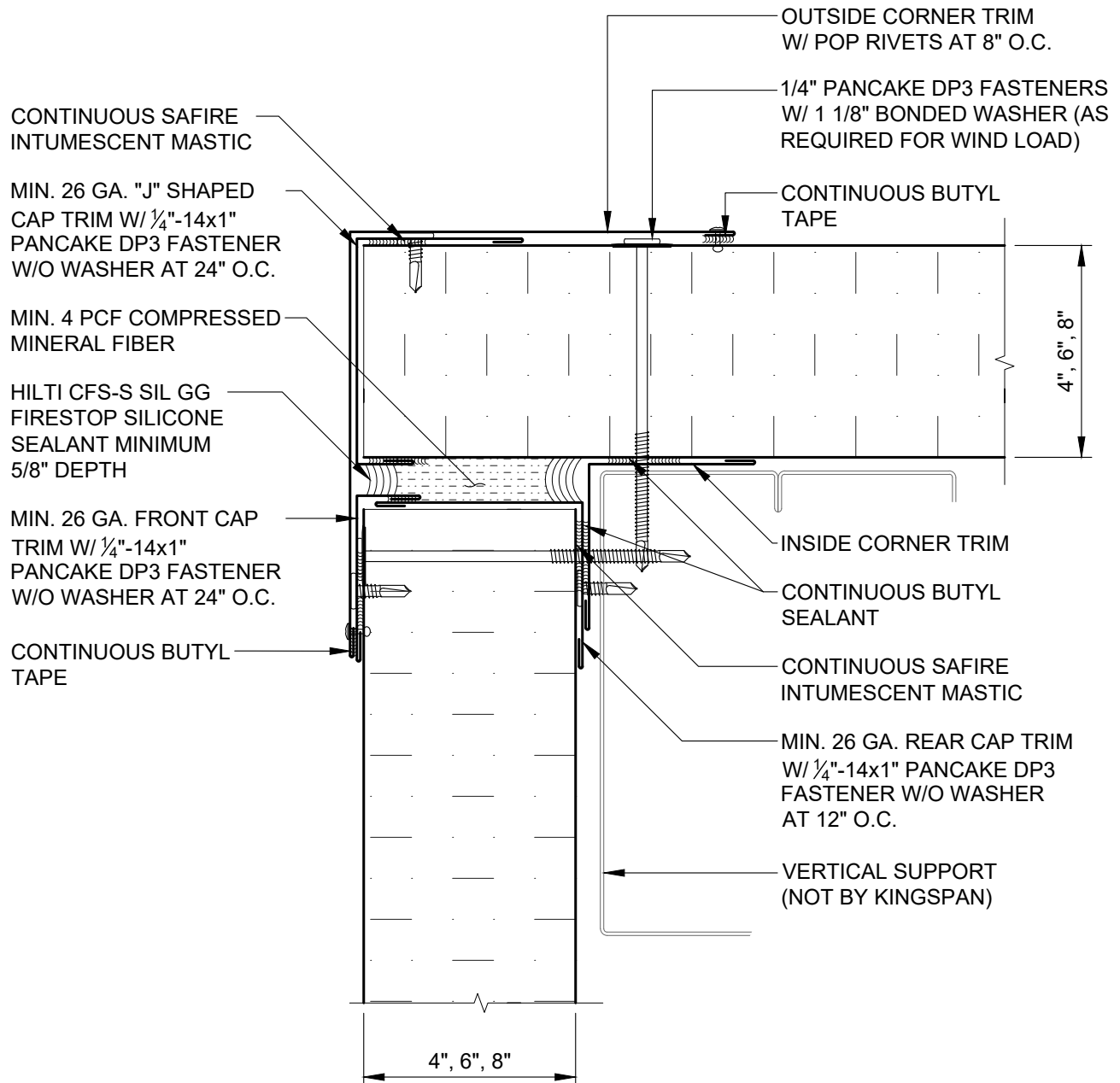
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K-ROC HF SERIES PANELS - FIRE RATED WALL



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OUTSIDE CORNER W/ FLAT TRIM
AT MID PANEL

DETAIL #: HF-OC-02-K-ROC

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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-03 - PJ-06 FOR REFERENCE)

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

KS JOINT FILLER GASKET 14174

CONTINUOUS SAFIRE INTUMESCENT MASTIC W/ MARRIAGE BEAD ACROSS PANEL JOINT

MIN. 4 PCF COMPRESSED MINERAL FIBER

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

KS JOINT FILLER GASKET 14174

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

CONTINUOUS BUTYL TAPE

*(_) BEADS OF SAFIRE INTUMESCENT MASTIC IN INTERLOCKING JOINT

FIELD OR FACTORY APPLIED CONTINUOUS BUTYL SEALANT IN BOTH JOINTS

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

PROFILED OUTSIDE CORNER TRIM W/ POP RIVETS AT 8" O.C.

(2) 1/4" 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

INSIDE CORNER TRIM

CONTINUOUS BUTYL SEALANT

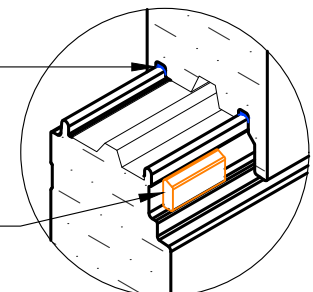
CONTINUOUS SAFIRE INTUMESCENT MASTIC

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

VERTICAL SUPPORT (NOT BY KINGSPAN)

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

KS JOINT FILLER GASKET INSTALLED IN JOINT CAVITY



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OUTSIDE CORNER W/ PROFILED TRIM AT PANEL JOINT

DETAIL #: HF-OC-03-K-ROC

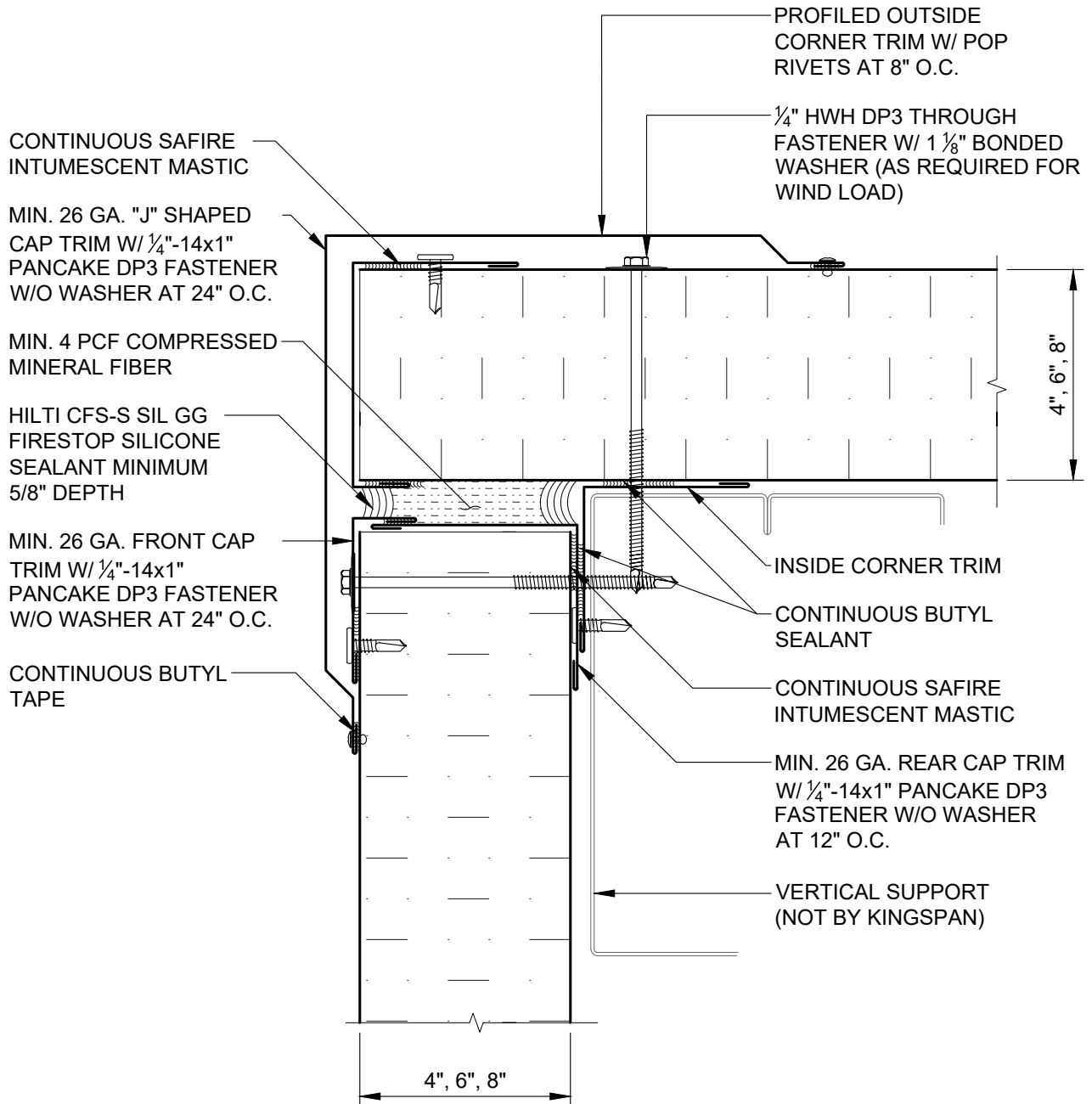
RELEASE: 2025

REGION: NORTH AMERICA

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K-ROC HF SERIES PANELS - FIRE RATED WALL



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OUTSIDE CORNER W/ PROFILED TRIM
AT MID PANEL

DETAIL #: HF-OC-04-K-ROC

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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-03 - PJ-06 FOR REFERENCE)

VERTICAL SUPPORT
(NOT BY KINGSPAN)

OUTSIDE CORNER
TRIM W/ POP RIVETS
AT 8" O.C.

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

MIN. 4 PCF COMPRESSED
MINERAL FIBER

CONTINUOUS SAFIRE
INTUMESCENT MASTIC
W/ MARRIAGE BEAD
ACROSS PANEL JOINT

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

CONTINUOUS BUTYL
SEALANT

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

*3 BEADS OF SAFIRE
INTUMESCENT MASTIC
IN INTERLOCKING
JOINT

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

(2) 1/4" 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

CONTINUOUS
BUTYL SEALANT

CONTINUOUS BUTYL TAPE

INSIDE CORNER TRIM W/
POP RIVETS AT 8" O.C.

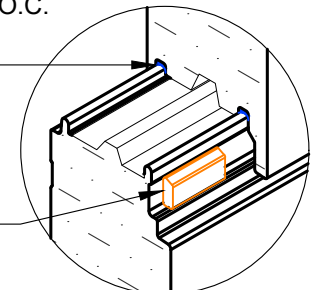
CONTINUOUS SAFIRE
INTUMESCENT MASTIC

KS JOINT FILLER GASKET 14174

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

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

KS JOINT FILLER
GASKET
INSTALLED IN JOINT
CAVITY



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INSIDE CORNER W/ FLAT TRIM
AT PANEL JOINT

DETAIL #: HF-IC-01-K-ROC

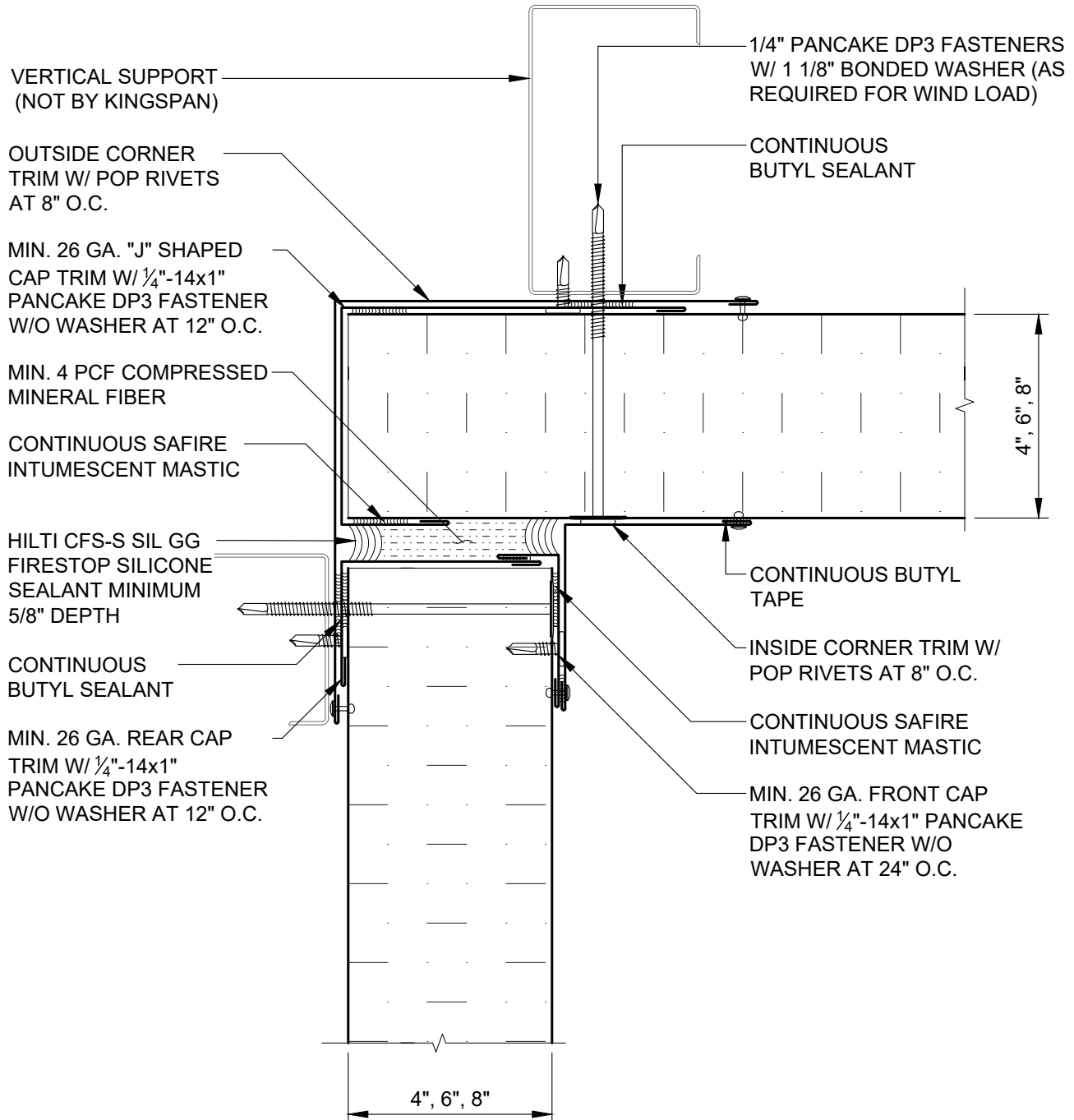
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K-ROC HF SERIES PANELS - FIRE RATED WALL



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INSIDE CORNER W/ FLAT TRIM
AT MID PANEL

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

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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-03 - PJ-06 FOR REFERENCE)

VERTICAL SUPPORT
(NOT BY KINGSPAN)

OUTSIDE CORNER
TRIM W/ POP RIVETS
AT 8" O.C.

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

MIN. 4 PCF COMPRESSED
MINERAL FIBER

CONTINUOUS SAFIRE
INTUMESCENT MASTIC
W/ MARRIAGE BEAD
ACROSS PANEL JOINT

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

CONTINUOUS
BUTYL SEALANT

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

*() BEADS OF SAFIRE
INTUMESCENT MASTIC
IN INTERLOCKING
JOINT

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

(2) 1/4" 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

CONTINUOUS
BUTYL SEALANT

4", 6", 8"

PROFIED INSIDE CORNER
TRIM W/ POP RIVETS AT 8" O.C.

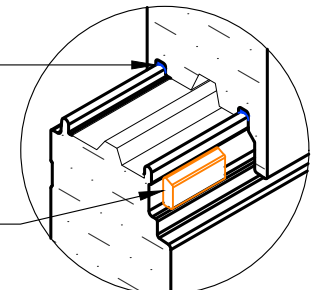
CONTINUOUS SAFIRE
INTUMESCENT MASTIC

KS JOINT FILLER GASKET 14174

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

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

KS JOINT FILLER
GASKET
INSTALLED IN JOINT
CAVITY



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INSIDE CORNER W/ PROFIED TRIM
AT PANEL JOINT

DETAIL #: HF-IC-03-K-ROC

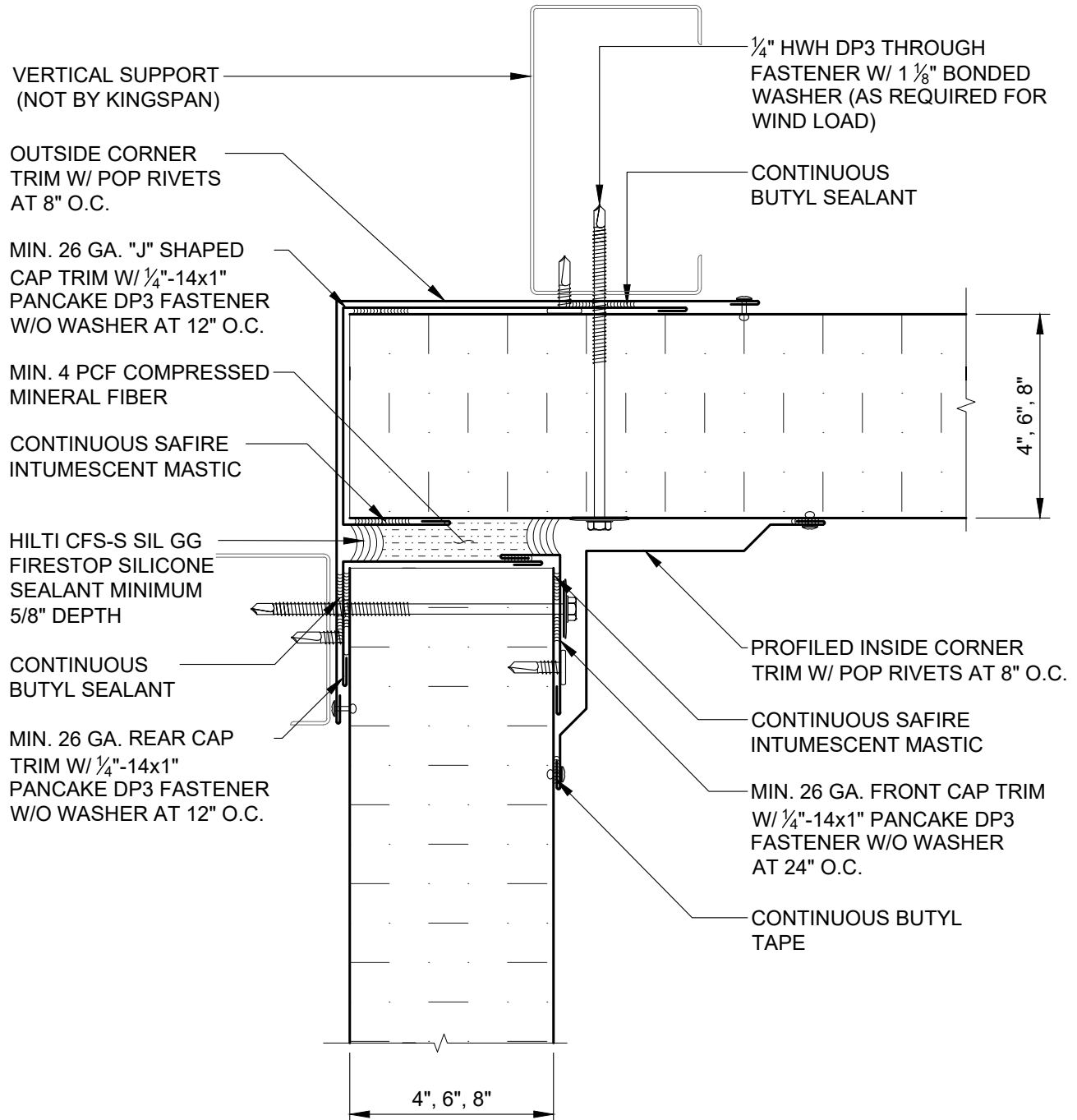
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K-ROC HF SERIES PANELS - FIRE RATED WALL



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INSIDE CORNER W/ PROFIED TRIM
AT MID PANEL

DETAIL #: HF-IC-04-K-ROC

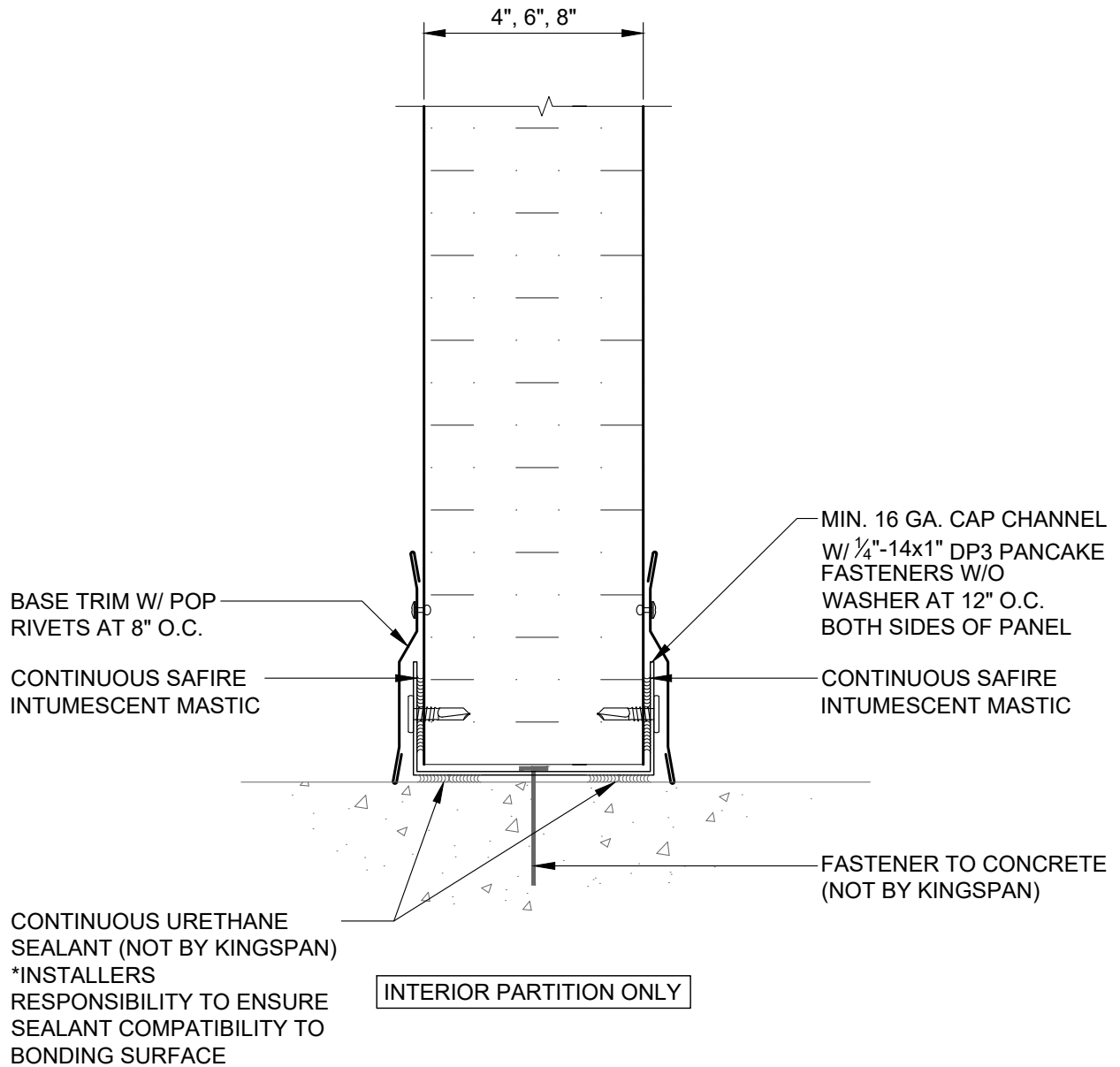
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K-ROC HF SERIES PANELS - FIRE RATED WALL



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BASE DETAIL - PARTITION

DETAIL #: HF-IP-01-K-ROC

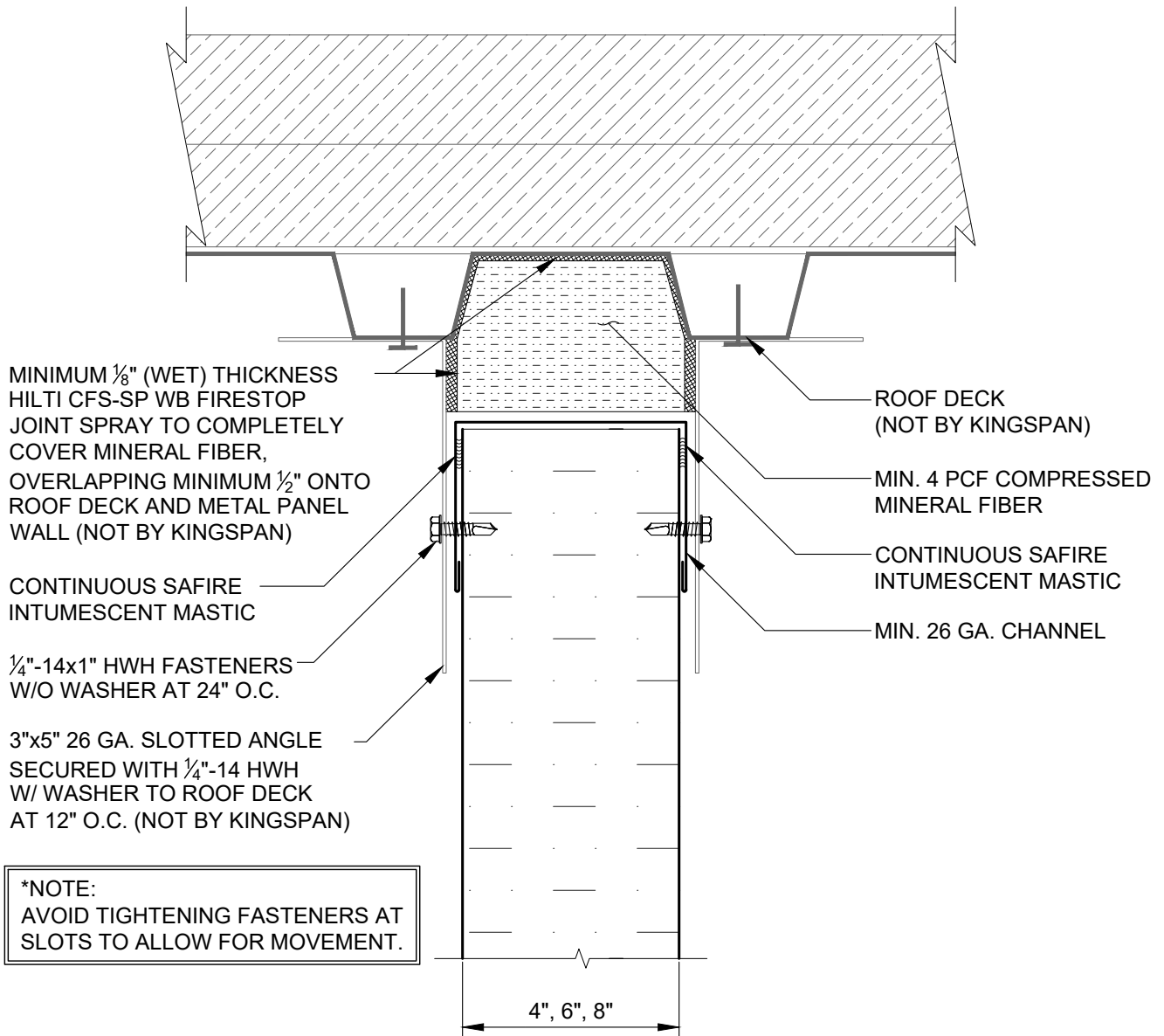
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K-ROC HF SERIES PANELS - FIRE RATED WALL



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FIRE RATED ASSEMBLY
PARTITION TO ROOF

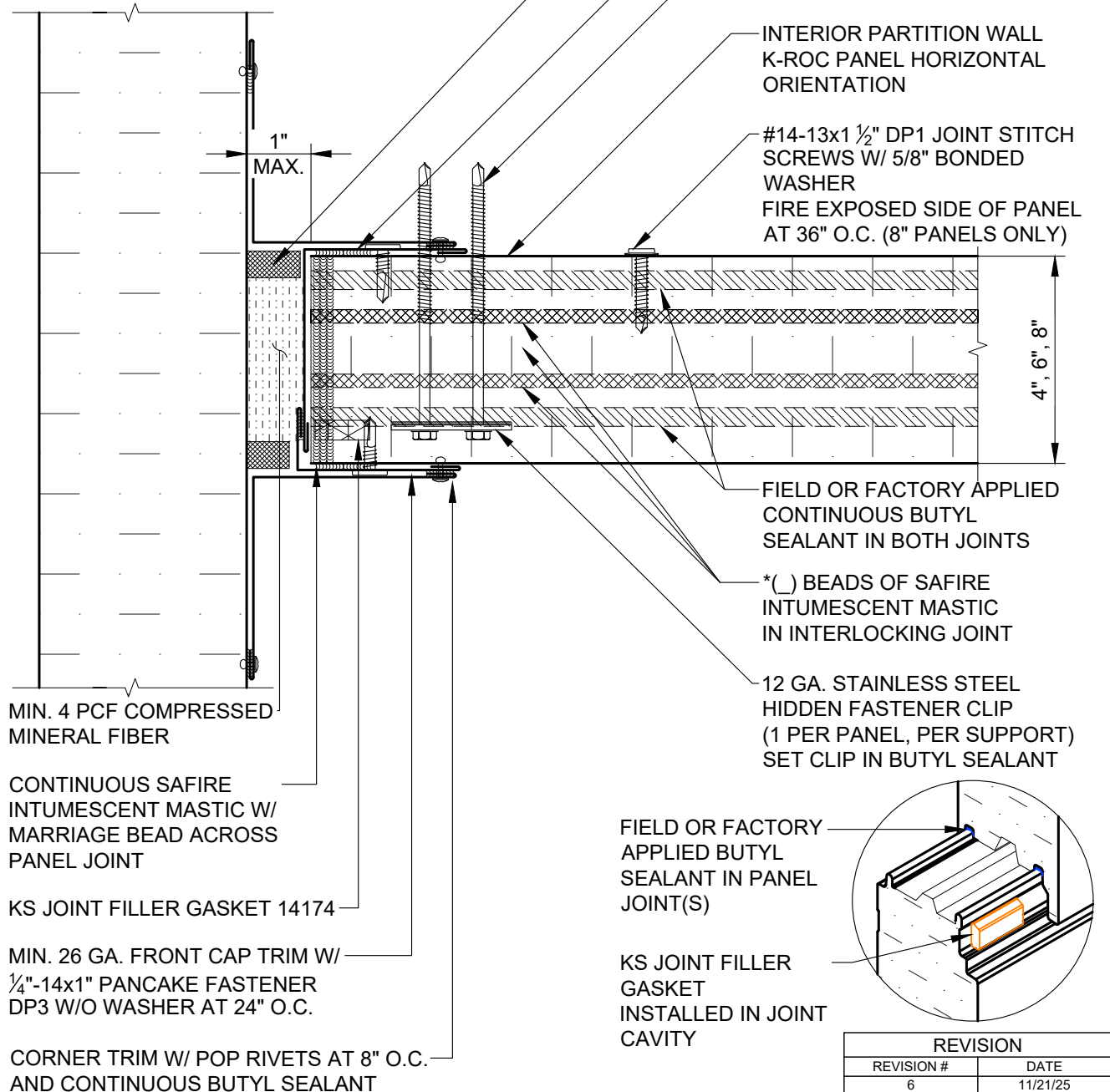
DETAIL #: HF-IP-02-K-ROC
RELEASE: 2025
REGION: NORTH AMERICA
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K-ROC HF SERIES PANELS - FIRE RATED WALL

*3 BEADS OF SAFIRE INTUMESCENT MASTIC REQUIRED FOR 6" AND 8" PANELS (SEE DETAILS PJ-01 - PJ-03 FOR REFERENCE)

DETAIL DEPICTS PANEL SECTION AT PANEL JOINTS AND FASTENING REQUIREMENTS



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INTERIOR PARTITION ENDWALL DETAIL

DETAIL #: HF-IP-03-K-ROC

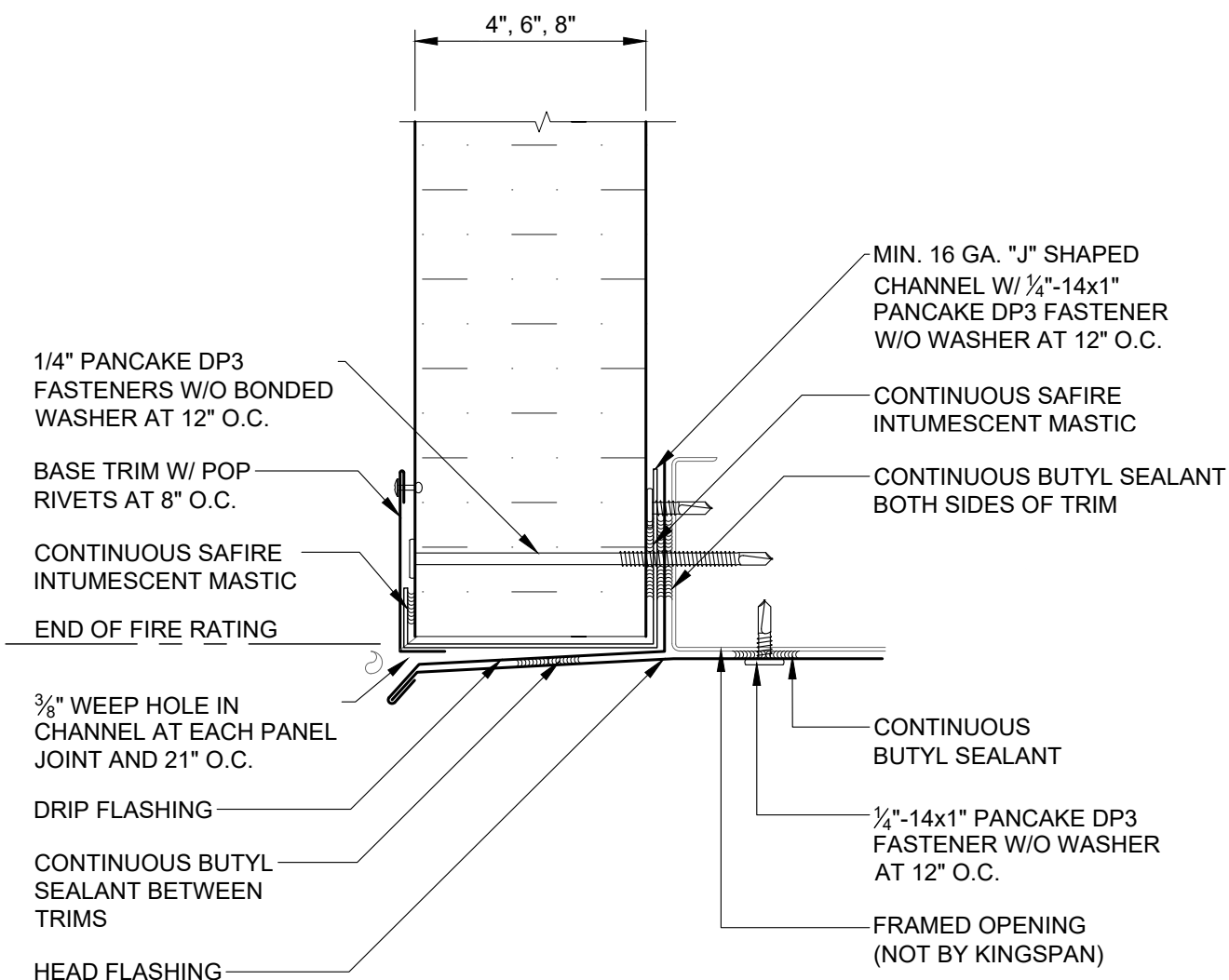
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REGION: NORTH AMERICA

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K-ROC HF SERIES PANELS - FIRE RATED WALL



NOTE: FIRE RATED OPENINGS ARE DEPENDENT ON THE FIRE-RATED COMPONENT SUPPLIER (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	
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FRAMED OPENING HEAD W/
FLAT TRIM AND DRIP EDGE

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

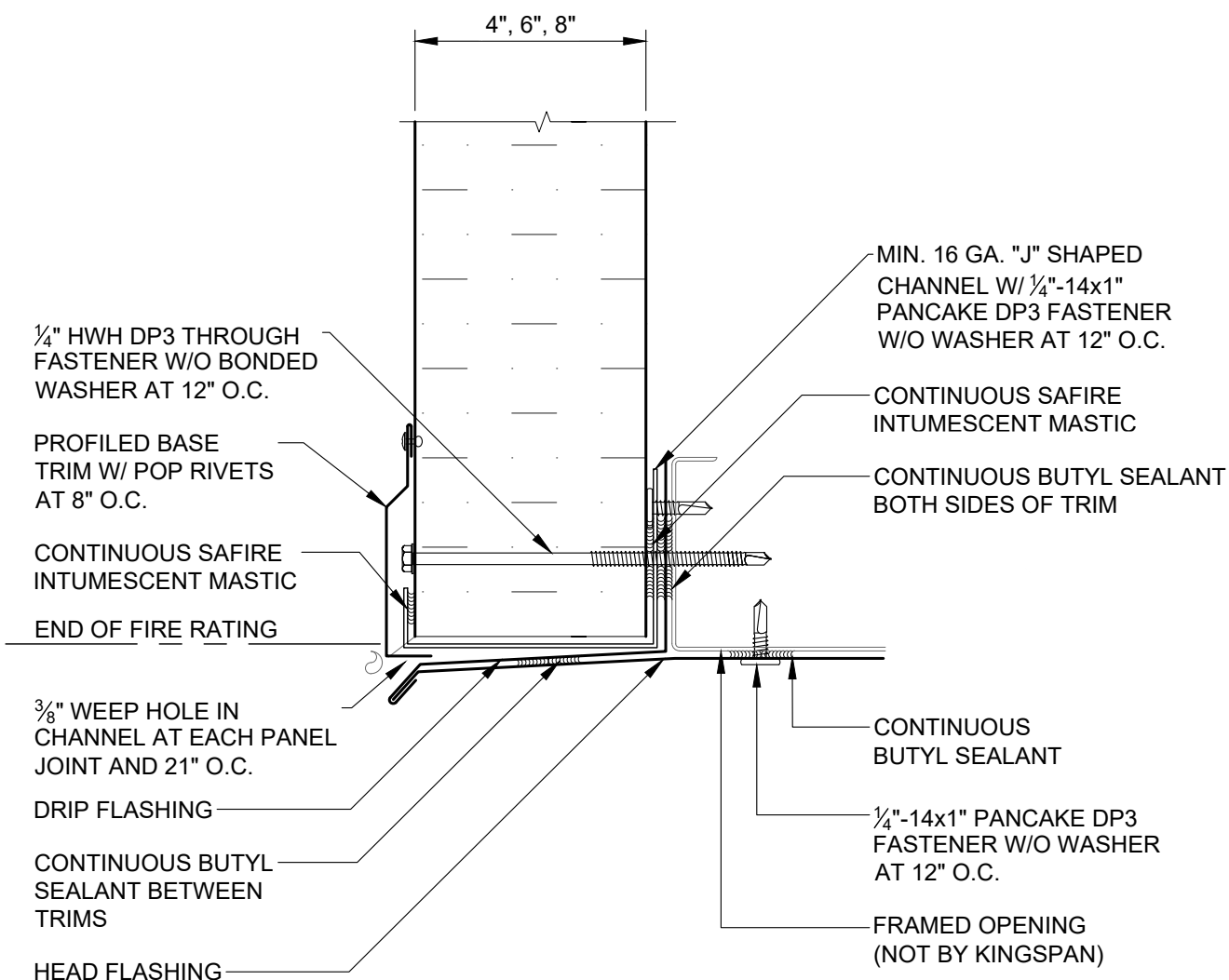
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REGION: NORTH AMERICA

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K-ROC HF SERIES PANELS - FIRE RATED WALL



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FRAMED OPENING HEAD W/
PROFILED TRIM AND DRIP EDGE

DETAIL #: HF-FO-02-K-ROC

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REGION: NORTH AMERICA

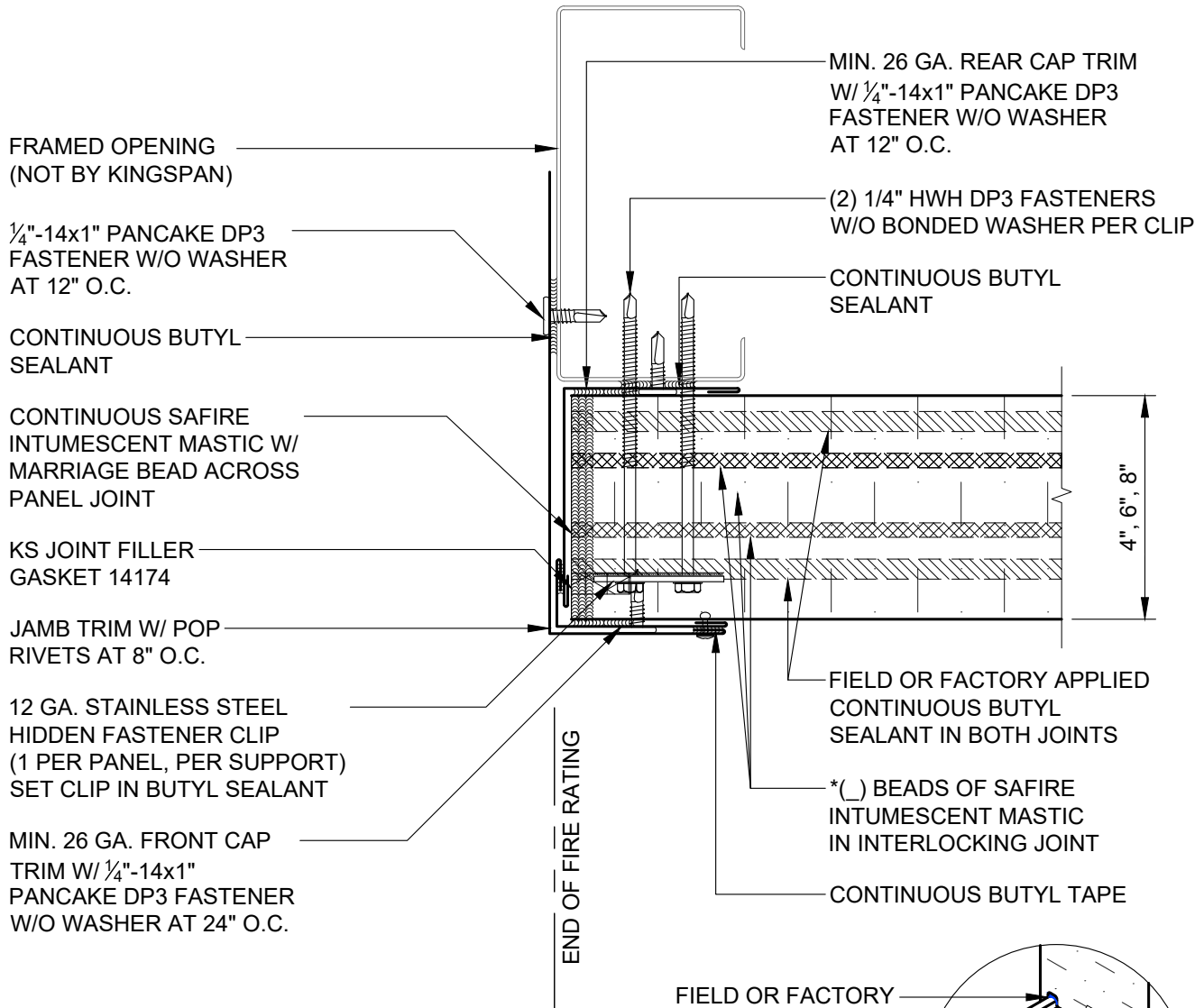
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K-ROC HF SERIES PANELS - FIRE RATED WALL

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-03 - PJ-06 FOR REFERENCE)

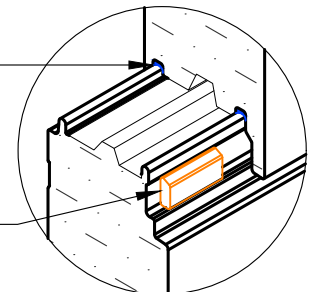


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NOTE: SEE DETAIL HF-TL-01-K-ROC , HF-TL-02-K-ROC AND HF-TL-04-K-ROC. FOR TYPICAL TRIM LAP INSTRUCTIONS

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

KS JOINT FILLER GASKET INSTALLED IN JOINT CAVITY



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FRAMED OPENING JAMB W/
FLAT JAMB TRIM AT PANEL JOINT

DETAIL #: HF-FO-03-K-ROC

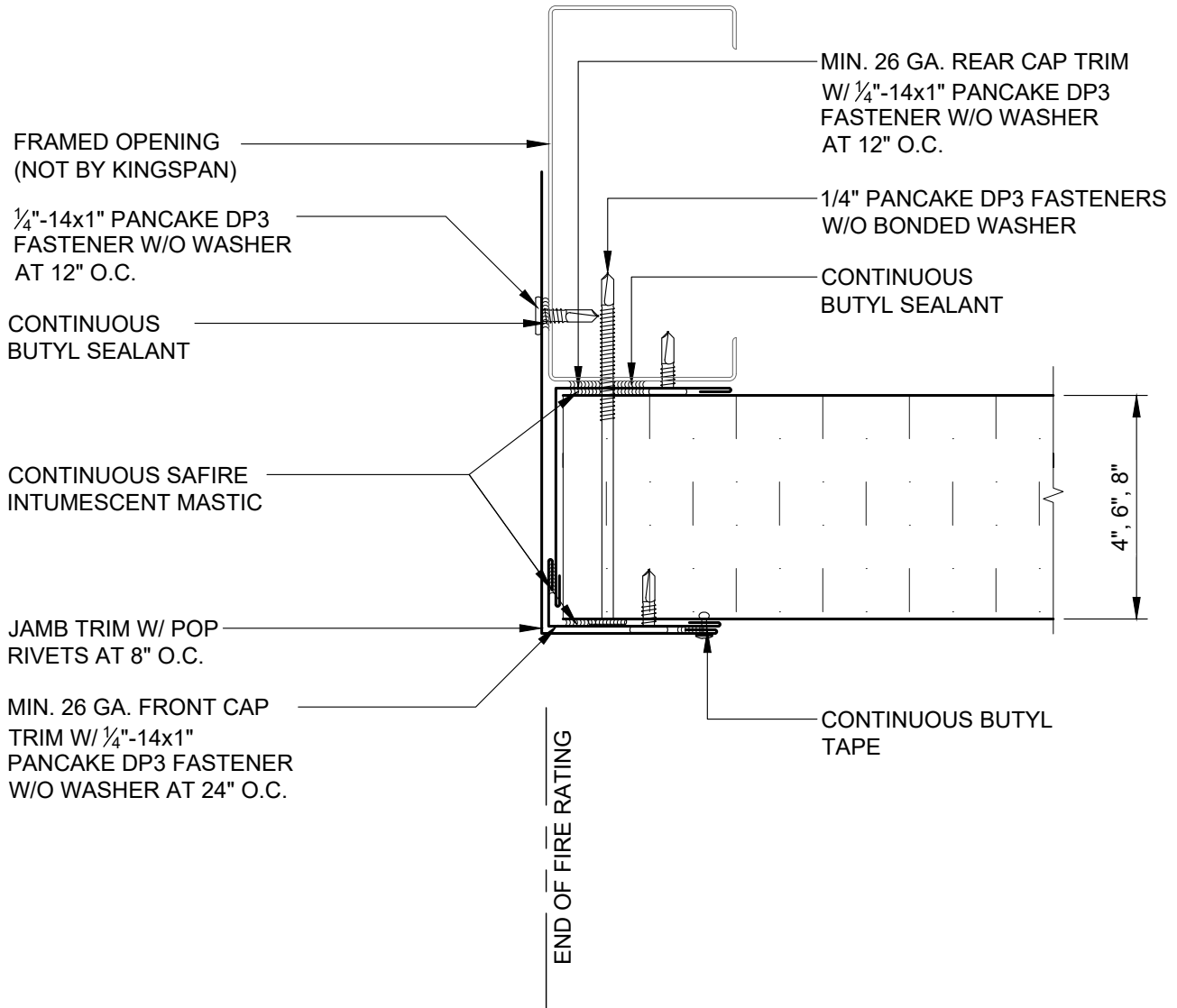
RELEASE: 2025

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

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FRAMED OPENING JAMB W/
FLAT JAMB TRIM AT MID PANEL

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

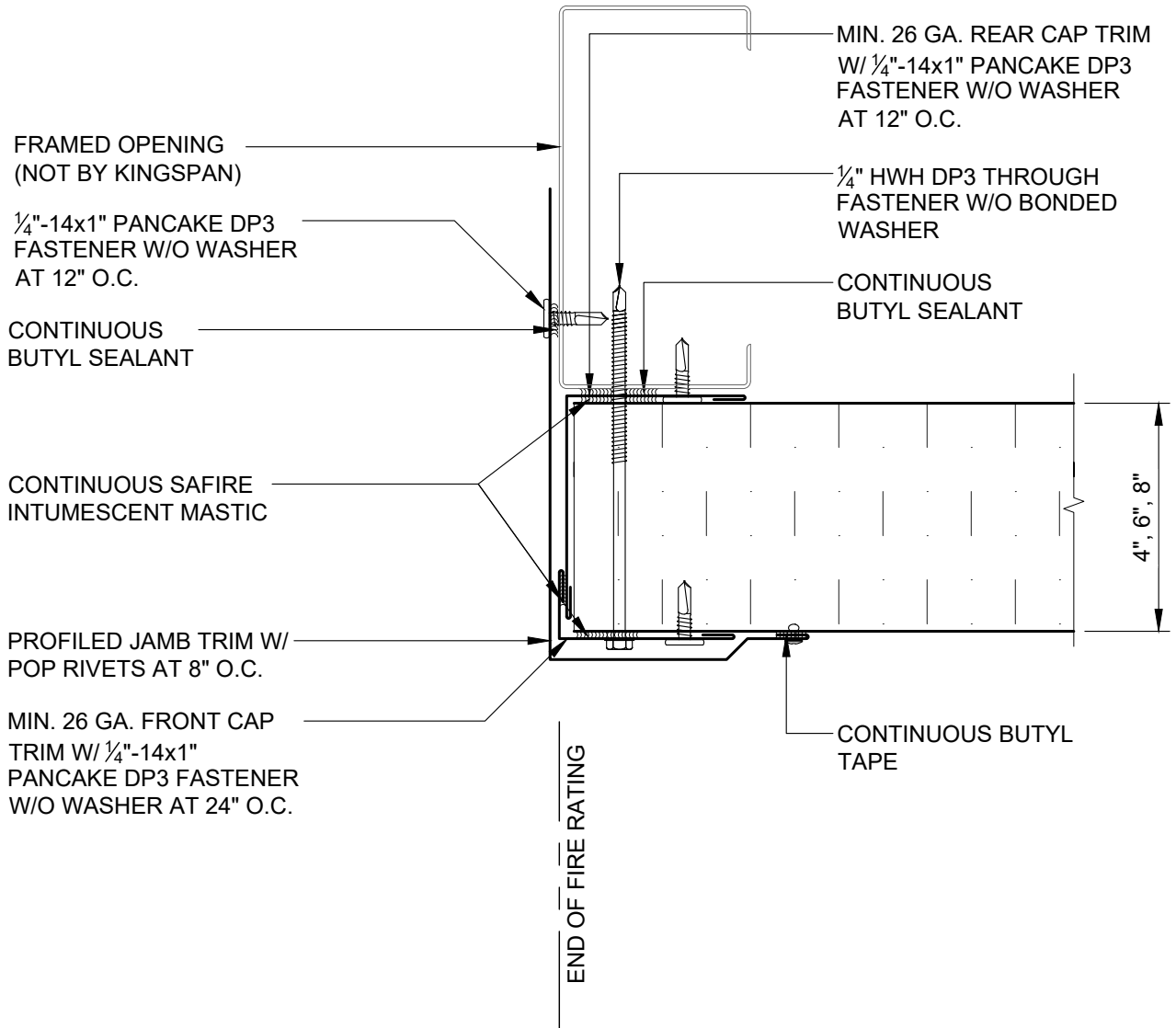
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K-ROC HF SERIES PANELS - FIRE RATED WALL



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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

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FRAMED OPENING JAMB W/
PROFILED JAMB TRIM AT MID PANEL

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

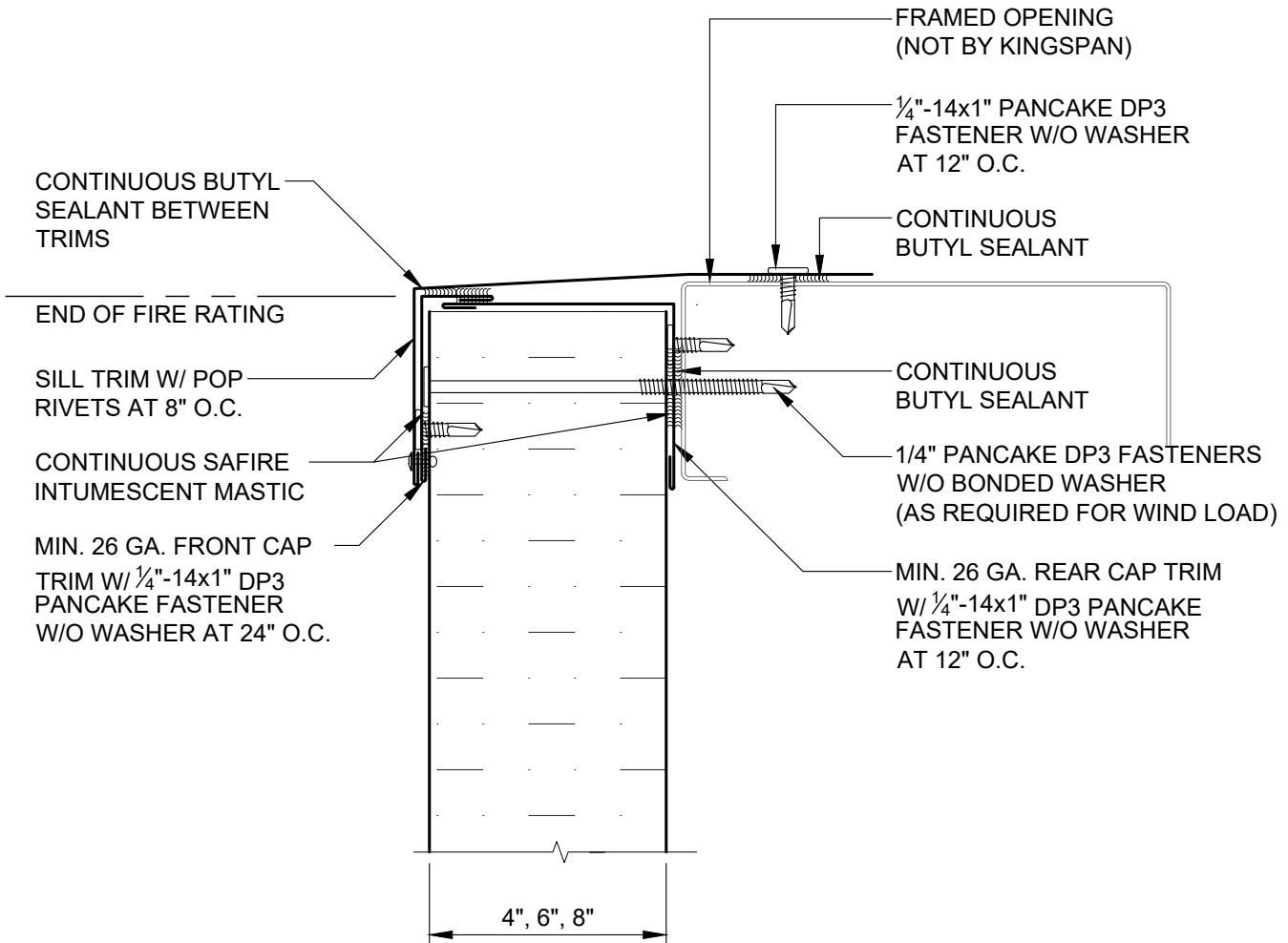
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K-ROC HF SERIES PANELS - FIRE RATED WALL



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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

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FRAMED OPENING SILL W/
FLAT TRIM

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

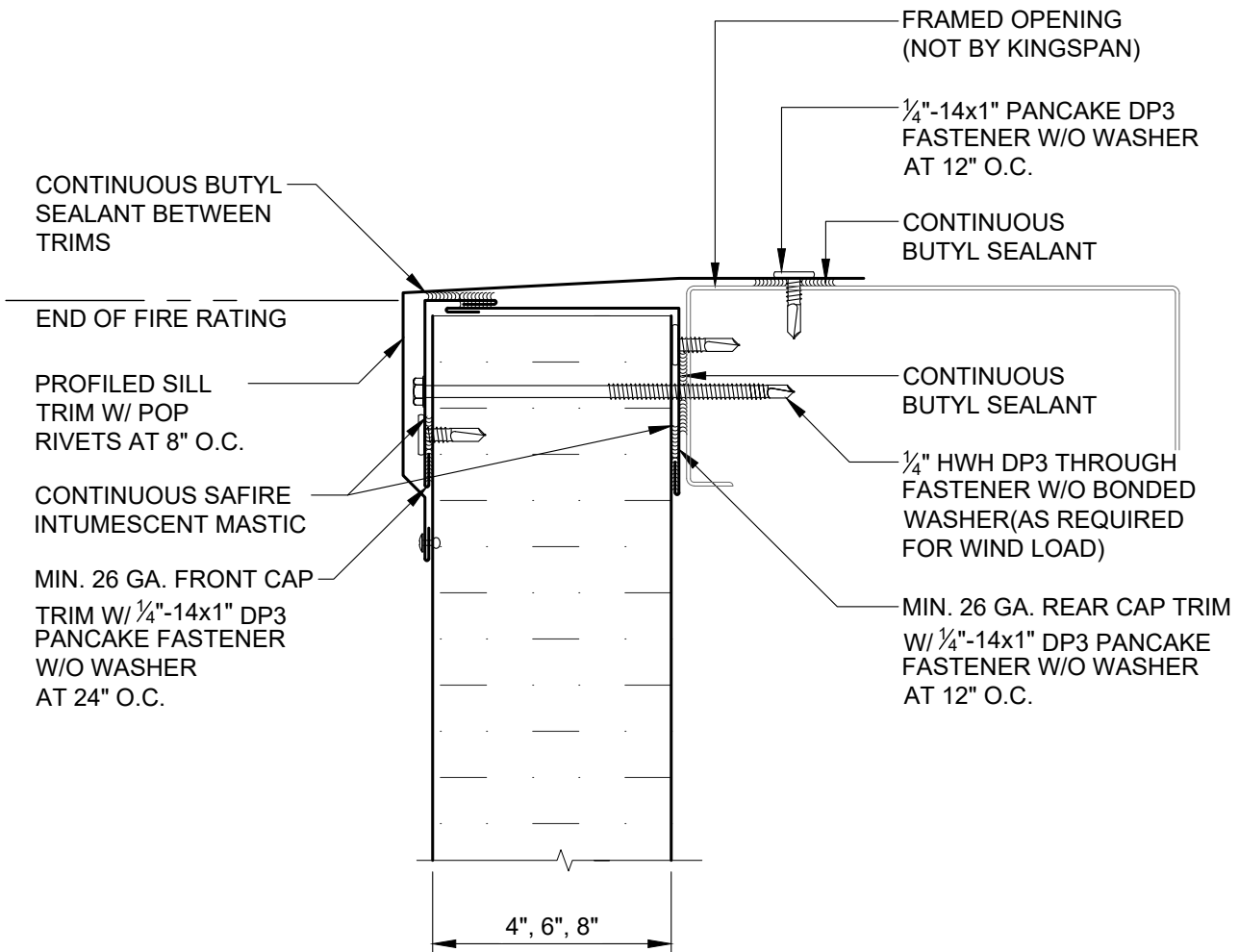
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REGION: NORTH AMERICA

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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

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FRAMED OPENING SILL W/
PROFIED TRIM

DETAIL #: HF-FO-07-K-ROC

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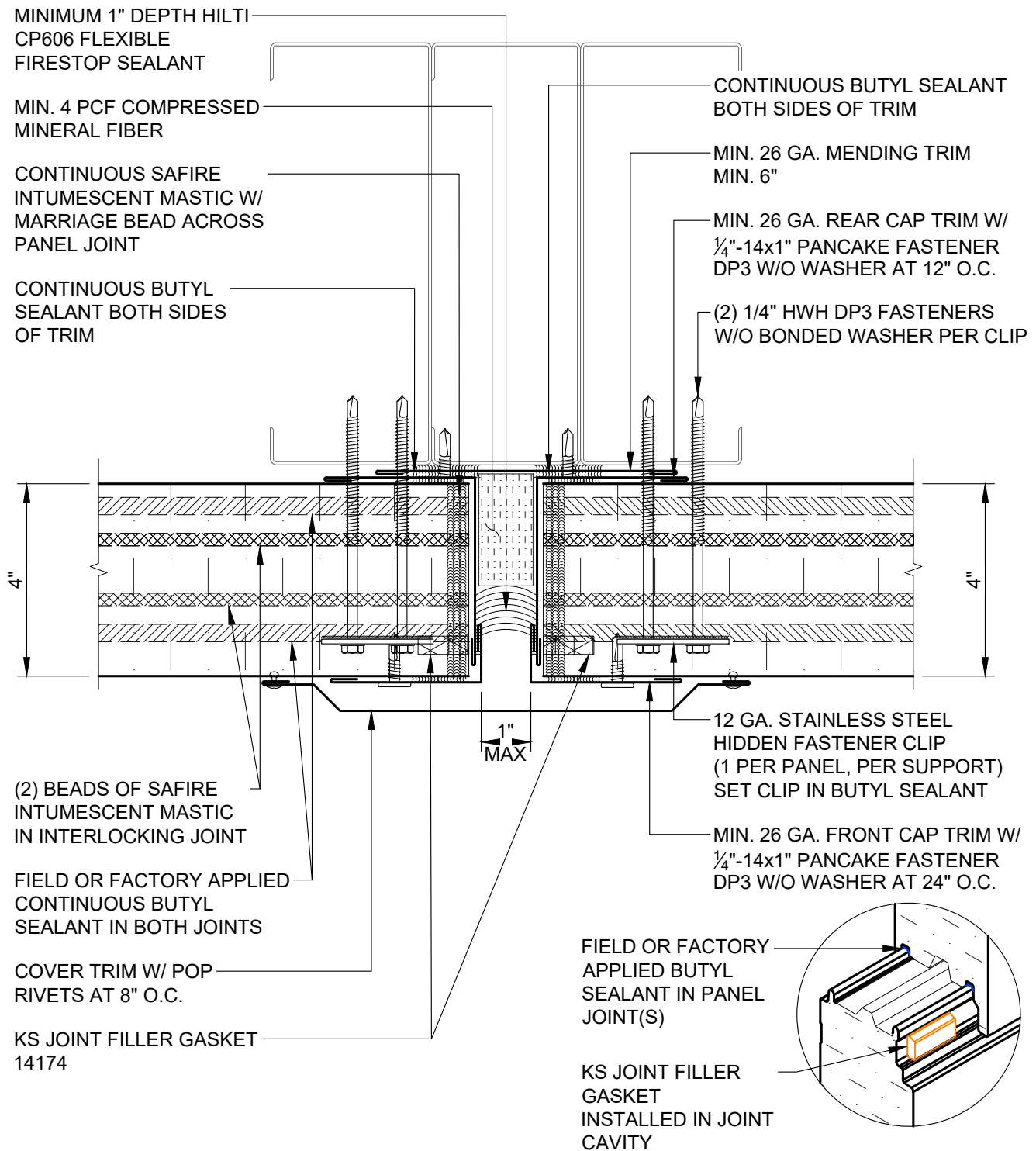
REGION: NORTH AMERICA

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K-ROC HF SERIES PANELS - FIRE RATED WALL

DETAIL DEPICTS PANEL SECTION AT PANEL JOINTS AND FASTENING REQUIREMENTS



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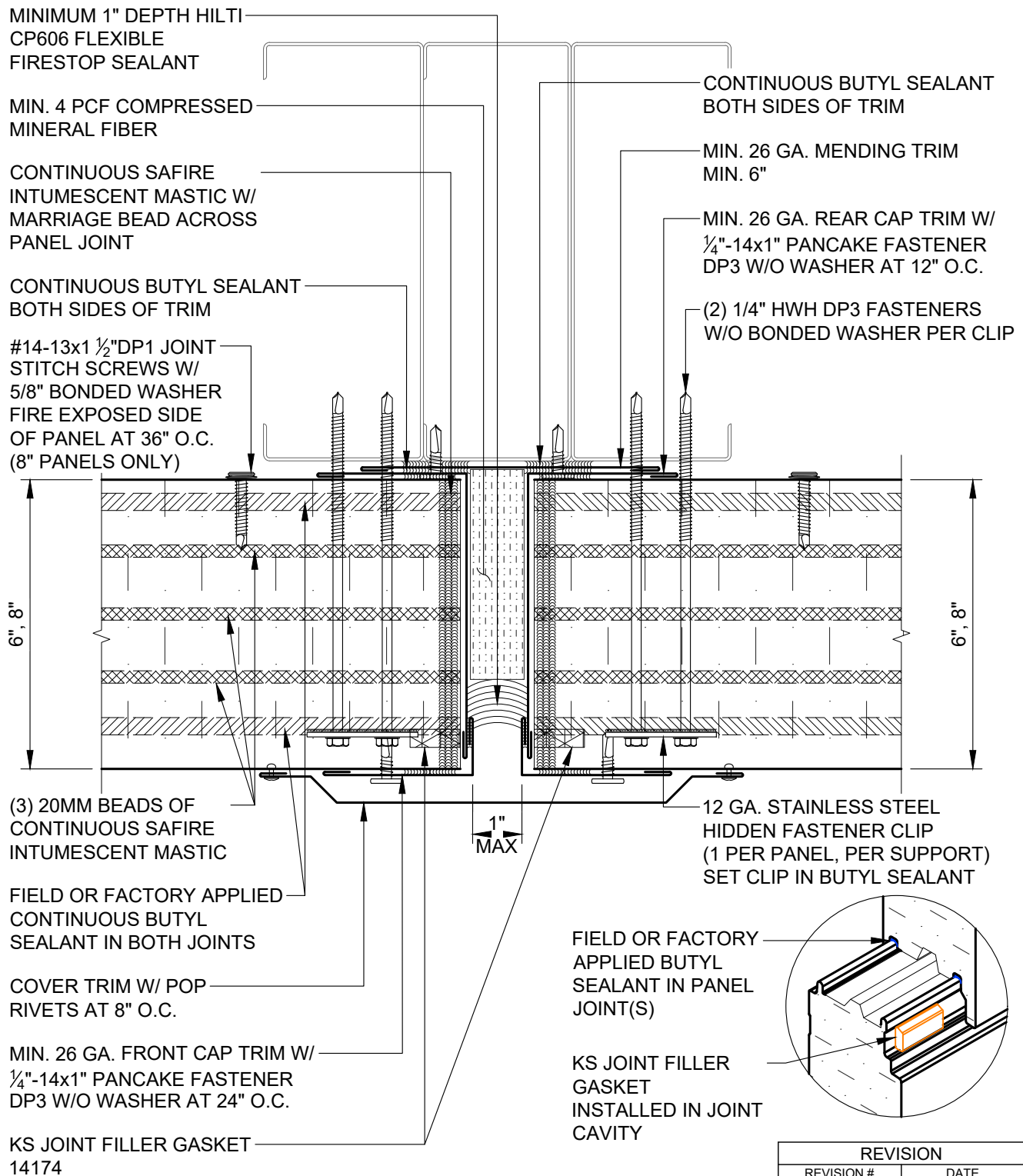
VERTICAL JOINT
4" PANEL

DETAIL #: HF-VJ-01-K-ROC
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K-ROC HF SERIES PANELS - FIRE RATED WALL

DETAIL DEPICTS PANEL SECTION AT PANEL JOINTS AND FASTENING REQUIREMENTS



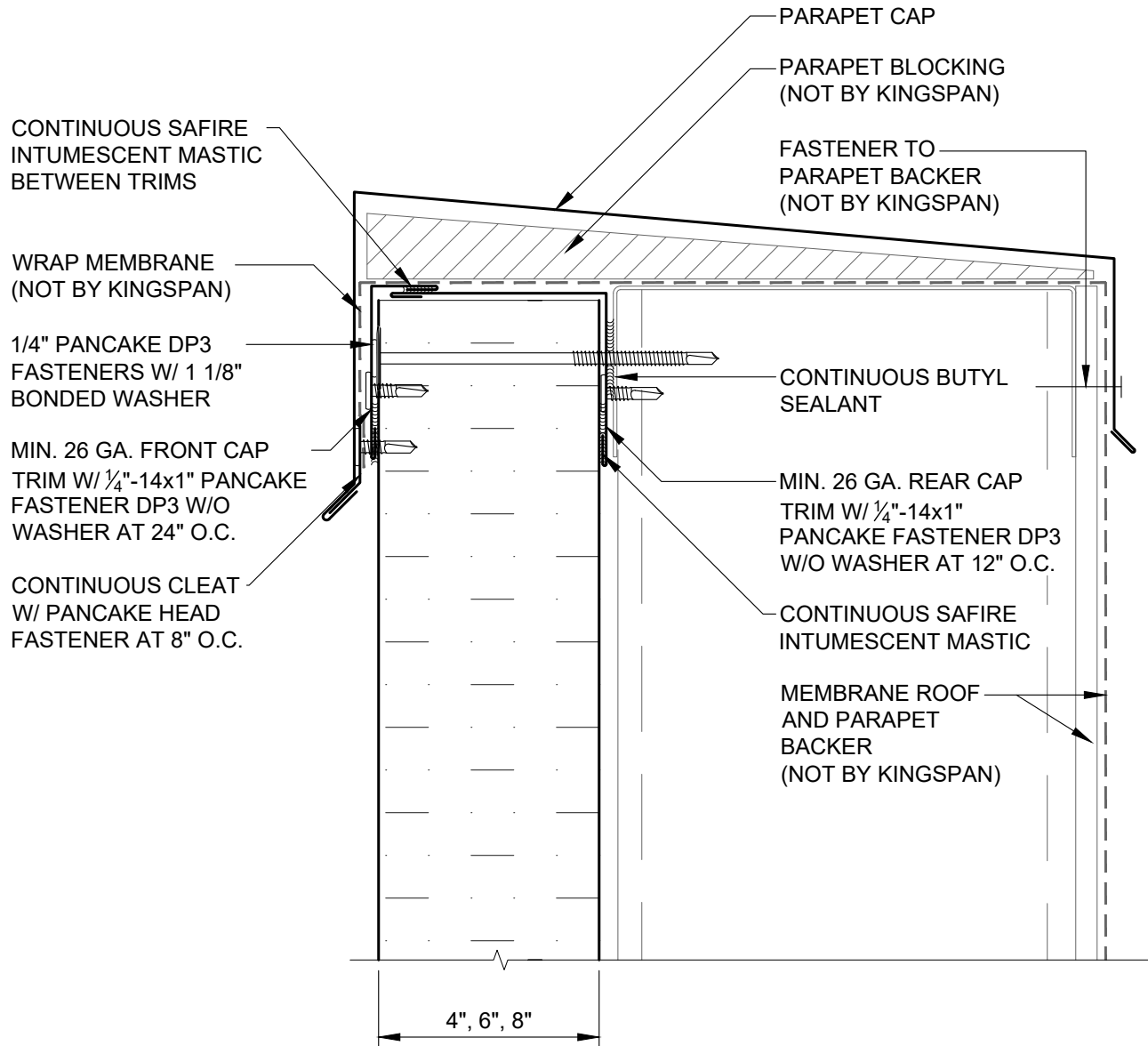
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VERTICAL JOINT
6" AND 8" PANEL

DETAIL #: HF-VJ-02-K-ROC
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K-ROC HF SERIES PANELS - FIRE RATED WALL



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PARAPET W/ FLUSH TRIM

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

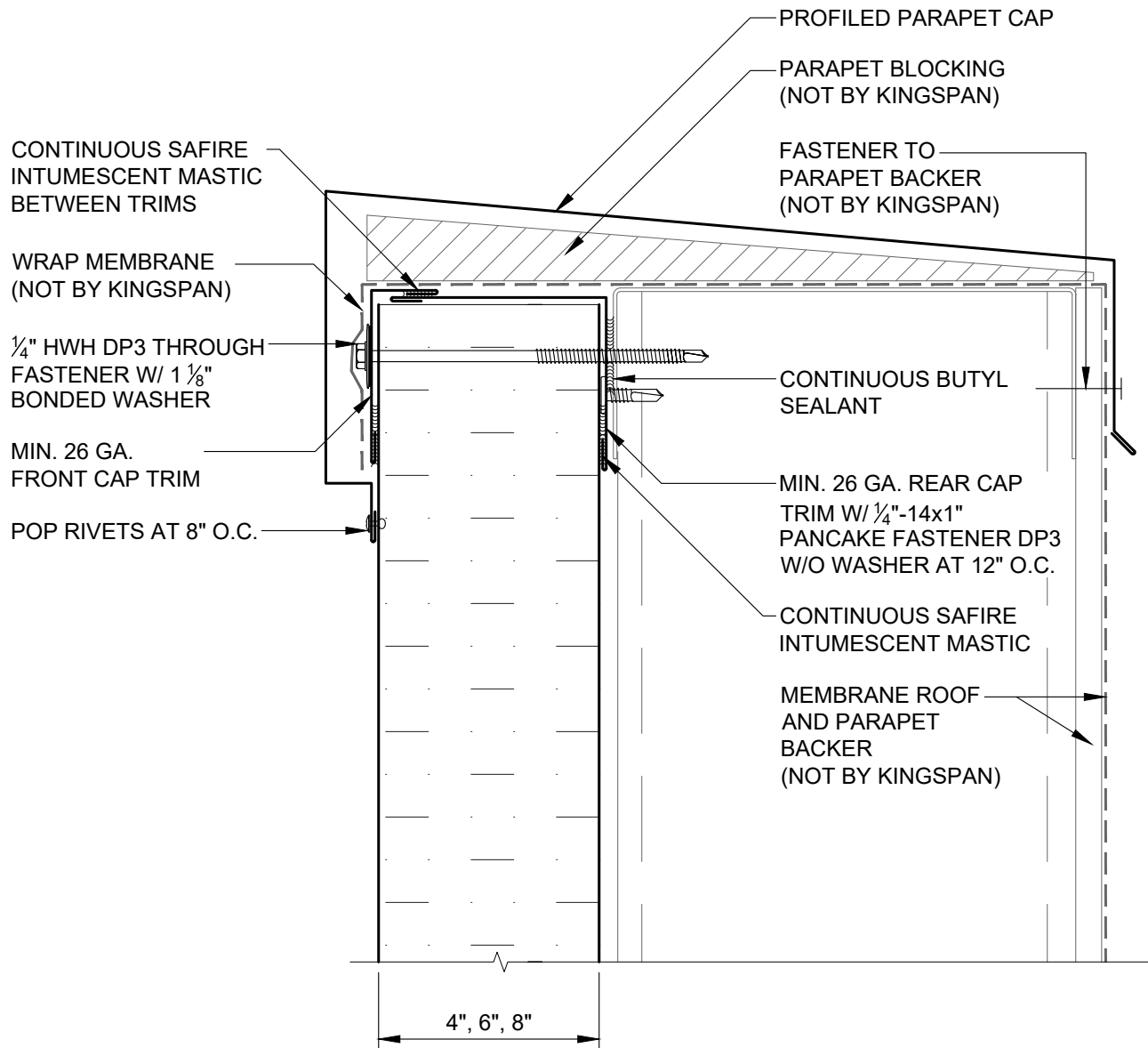
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K-ROC HF SERIES PANELS - FIRE RATED WALL



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PARAPET W/ PROFILED TRIM

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

RELEASE: 2025

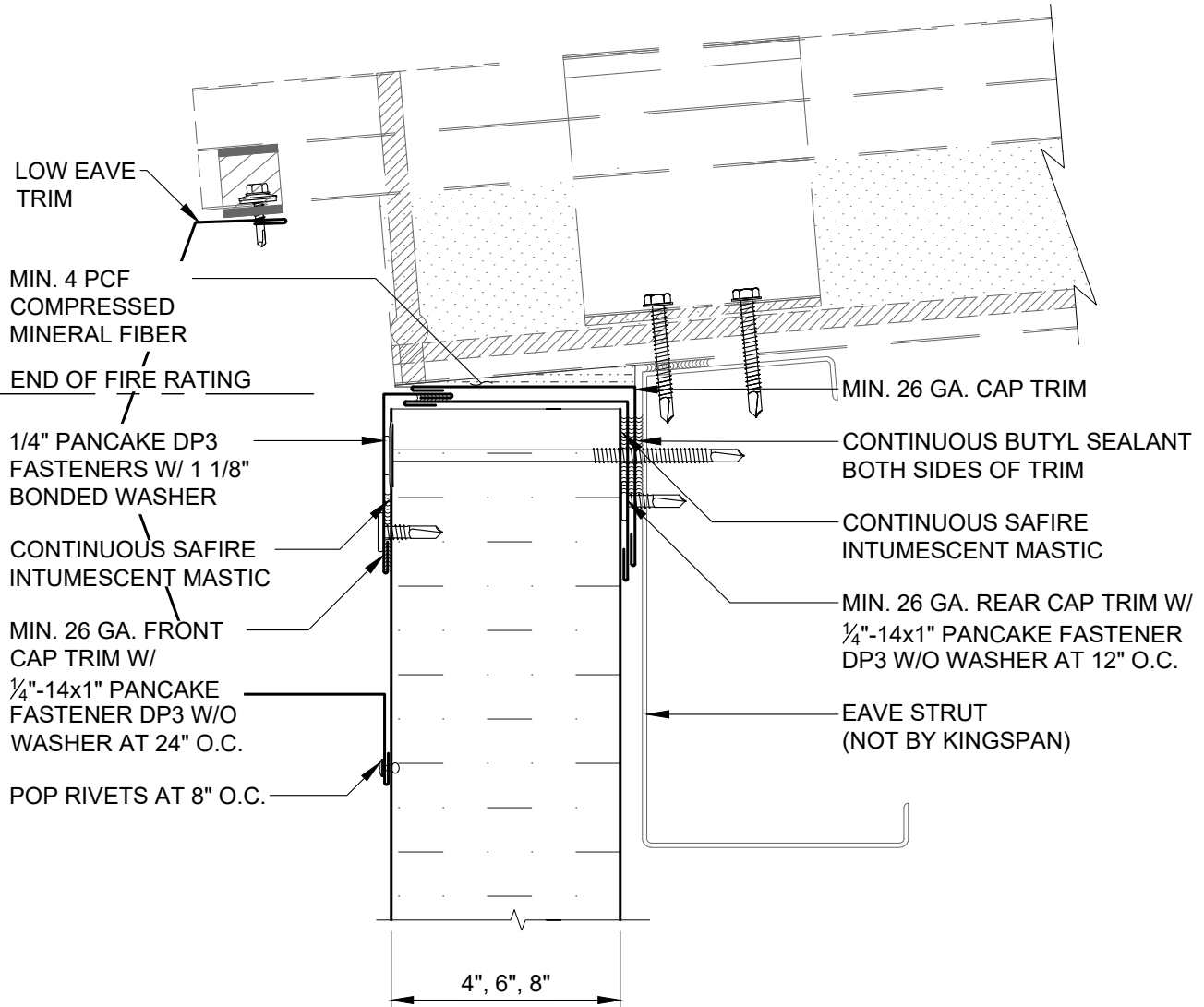
REGION: NORTH AMERICA

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K-ROC HF SERIES PANELS - FIRE RATED WALL

NOTE: REFER TO ROOF DETAILS
FOR ROOF INSTALLATION



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WALL TO ROOF W/ LOW EAVE TRIM

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

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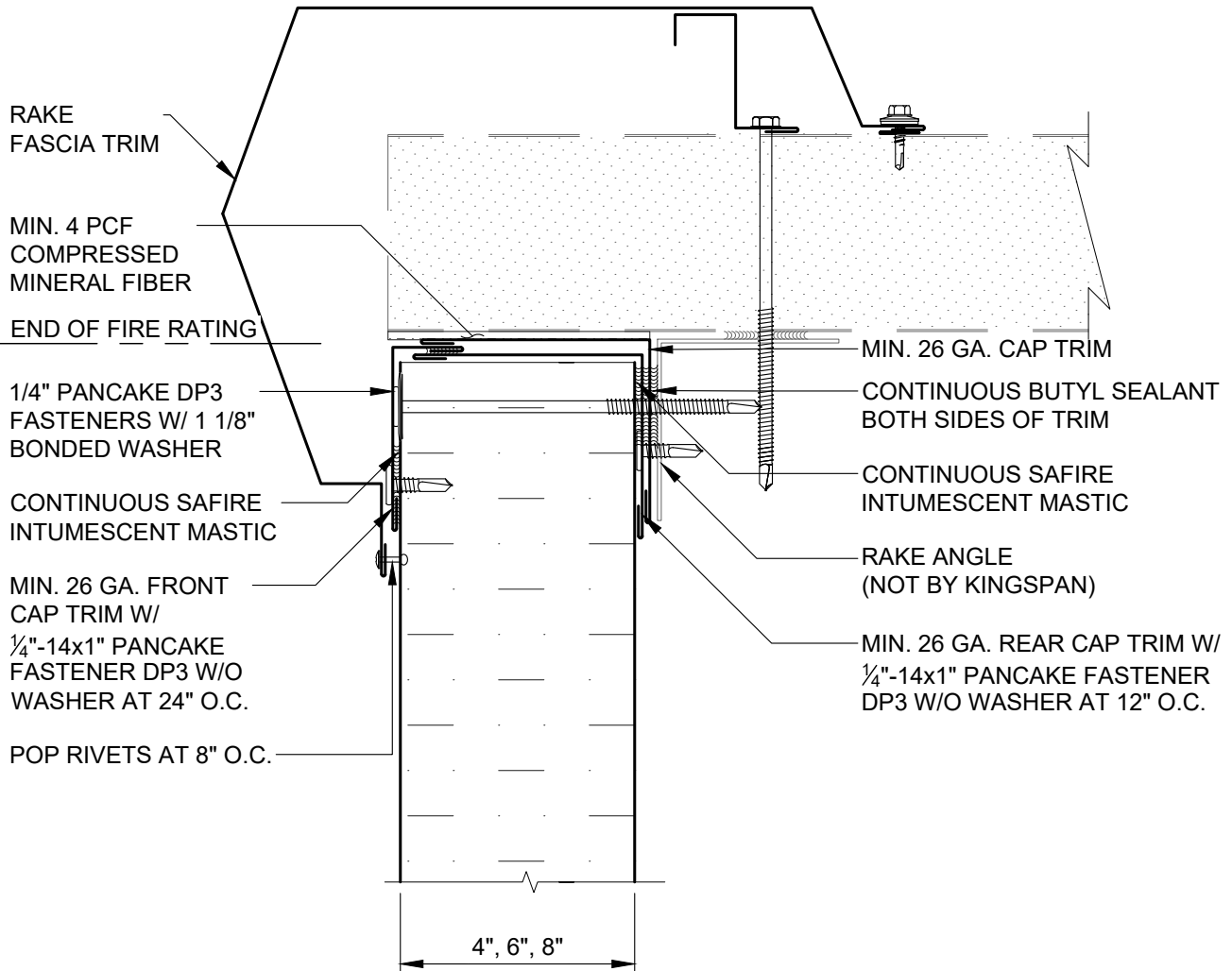
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K-ROC HF SERIES PANELS - FIRE RATED WALL

NOTE: REFER TO ROOF DETAILS
FOR ROOF INSTALLATION



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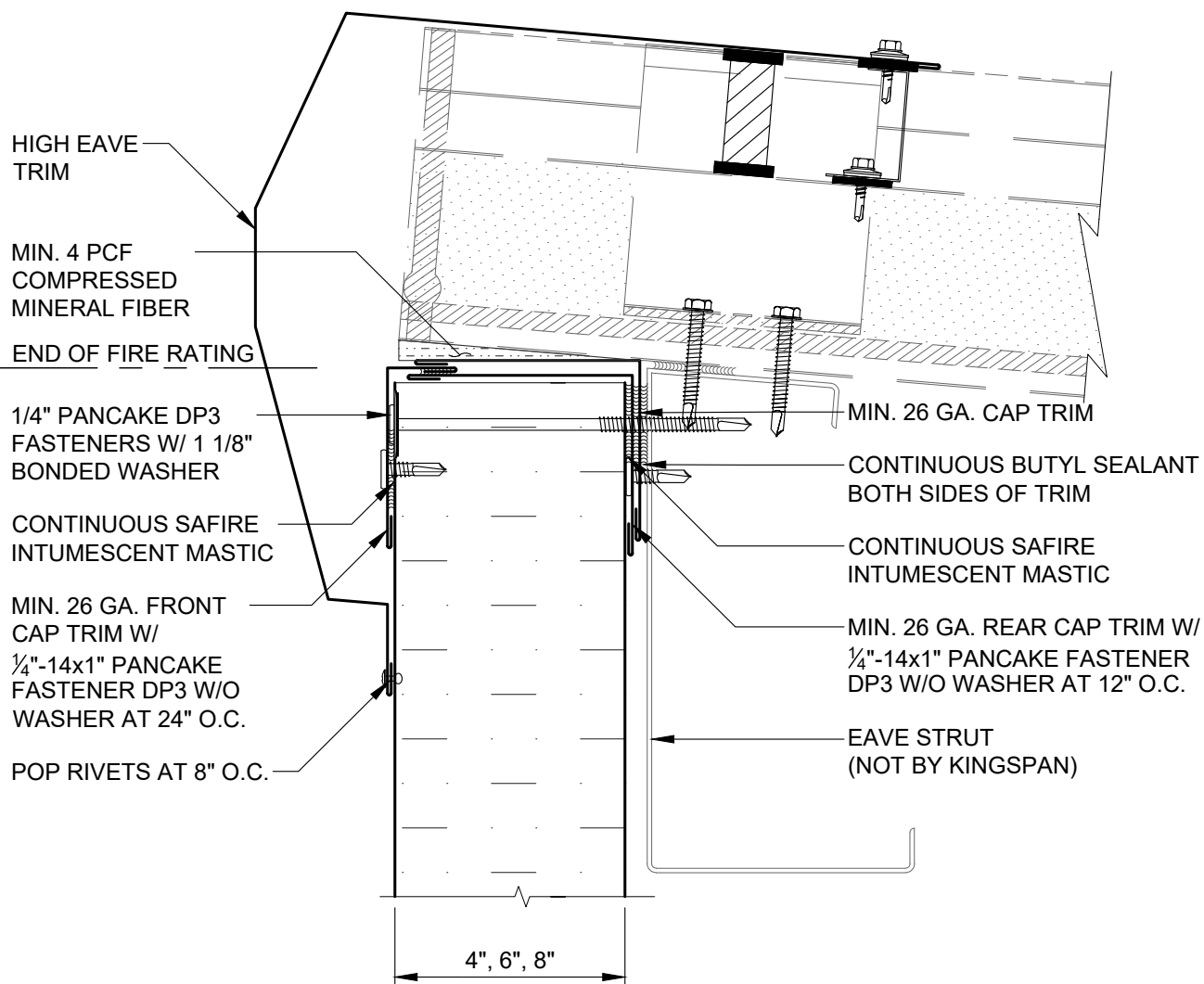
WALL TO ROOF W/ RAKE FASCIA TRIM

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

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

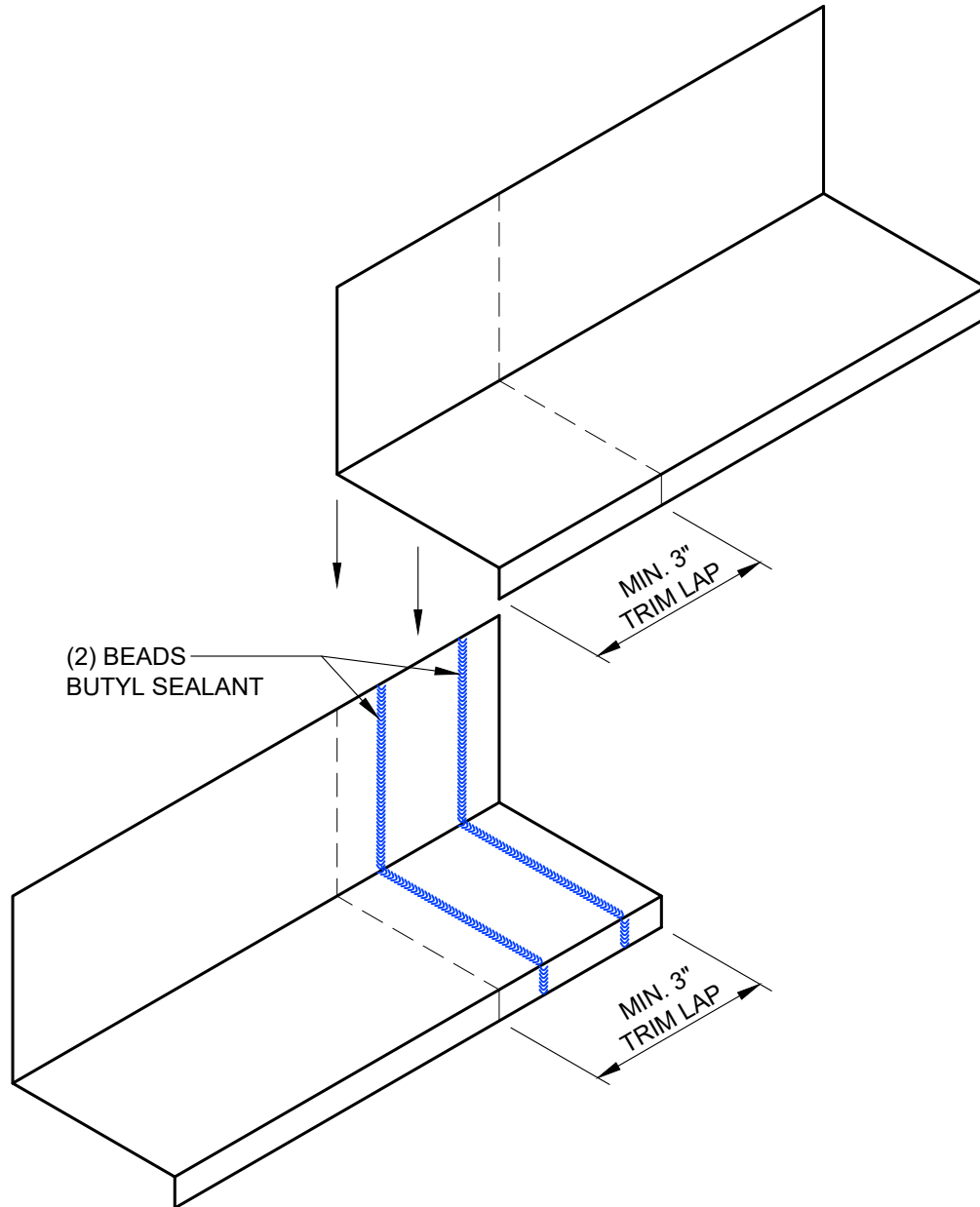
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K-ROC HF SERIES PANELS - FIRE RATED WALL



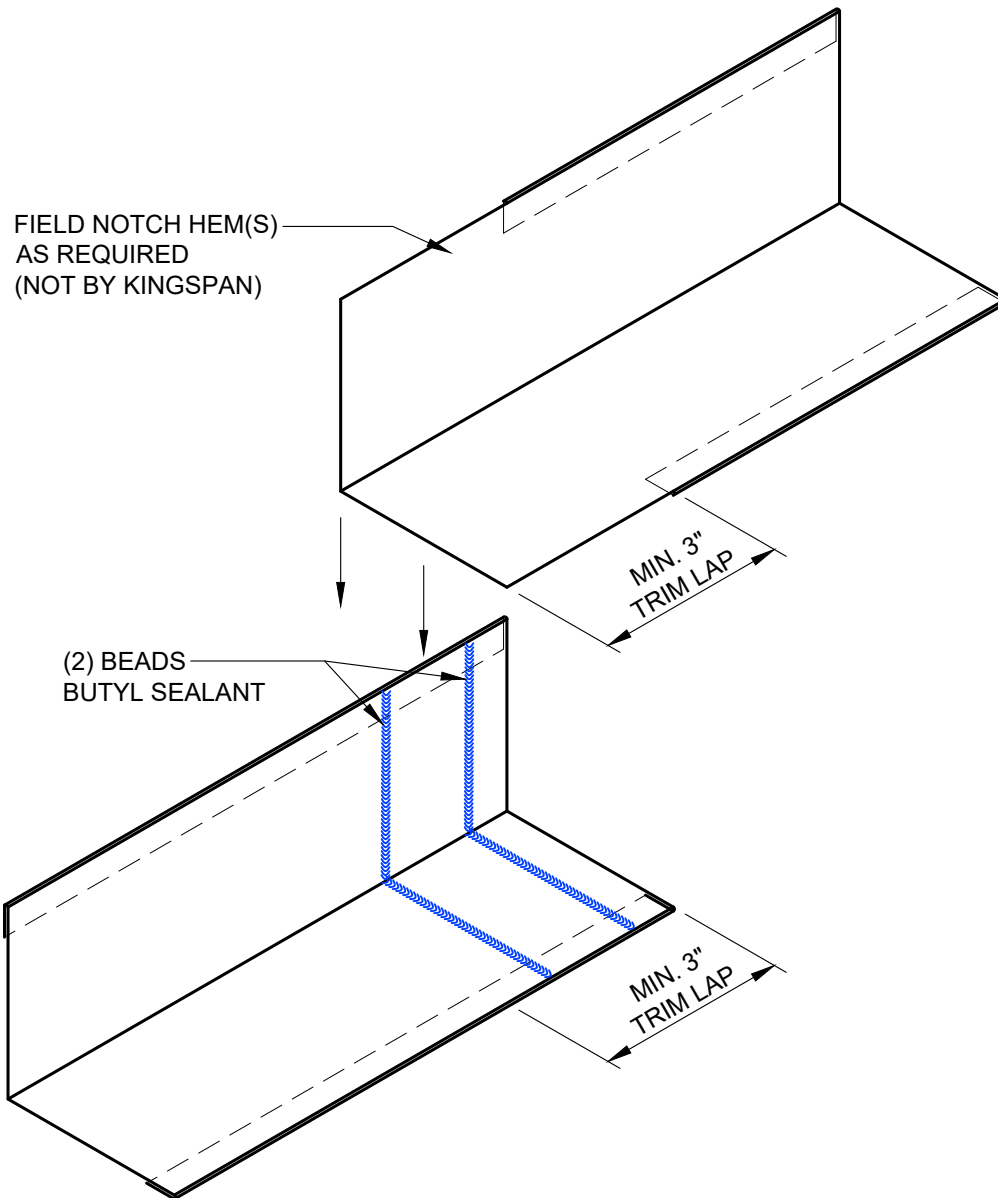
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TRIM END LAP

DETAIL #: HF-TL-01-K-ROC
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K-ROC HF SERIES PANELS - FIRE RATED WALL



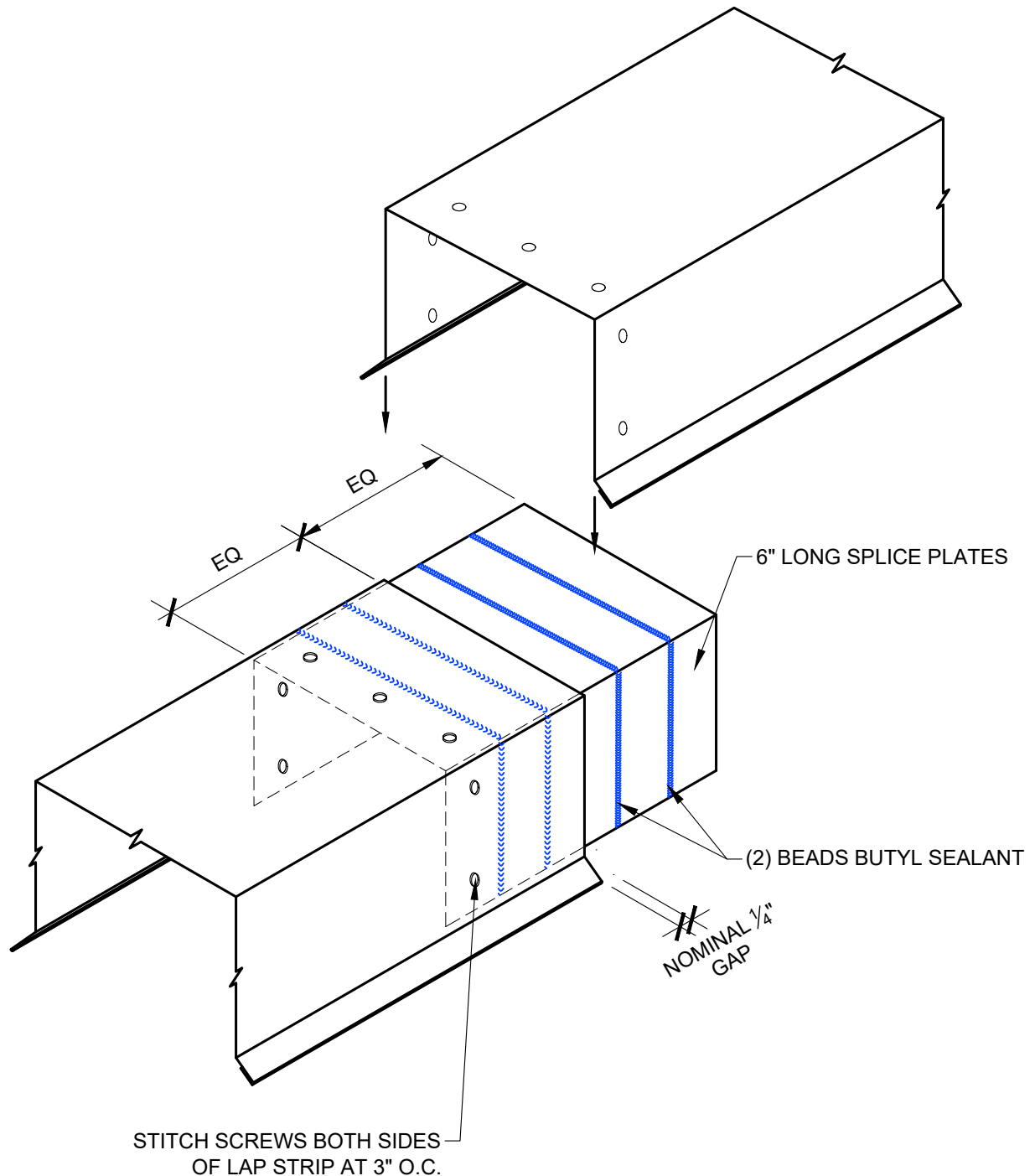
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TRIM END LAP WITH HEM

DETAIL #: HF-TL-02-K-ROC
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K-ROC HF SERIES PANELS - FIRE RATED WALL



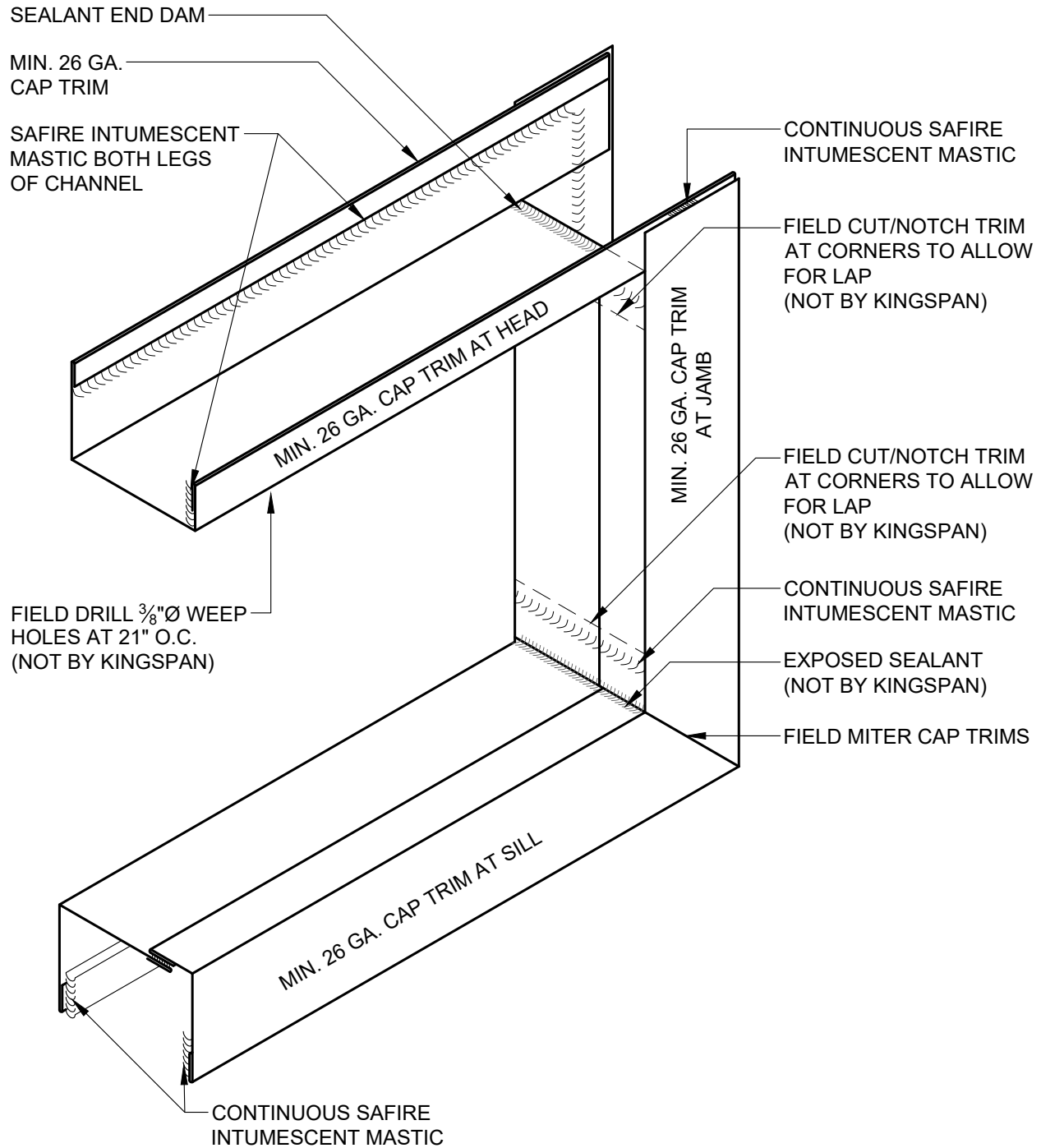
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PARAPET TRIM END LAP W/ LAP STRIP

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



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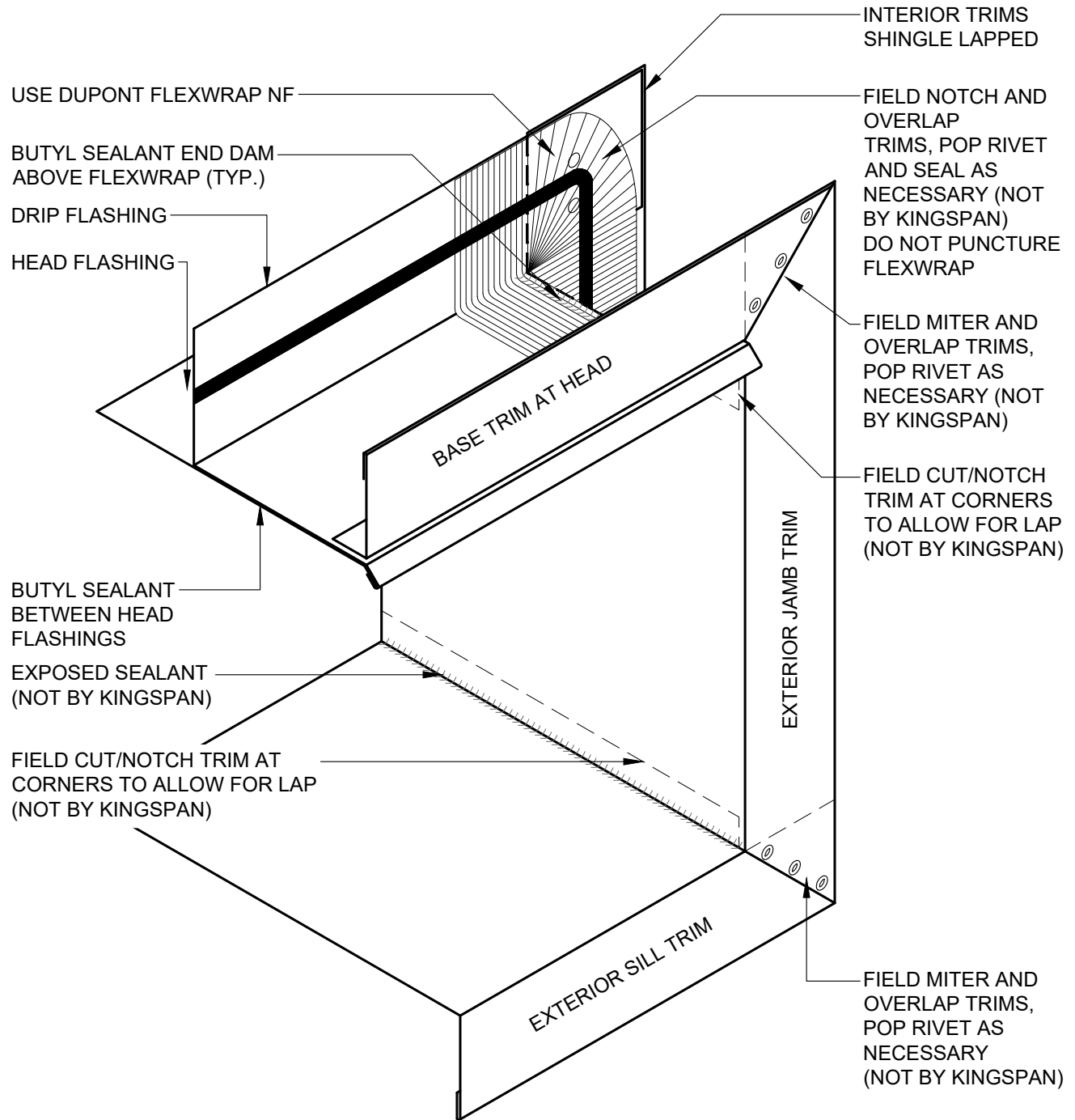
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CAP TRIM AT FRAMED OPENING

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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
 RELEASE: 2025
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K-ROC HF SERIES PANELS - FIRE RATED WALL

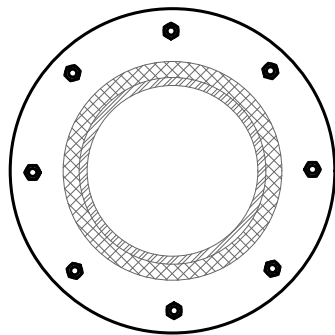
AVOID LOCATING PENETRATIONS AT JOINT LOCATIONS

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
5	6/27/25

STRUCTURAL MEMBER PENETRATION

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

RELEASE: 2025

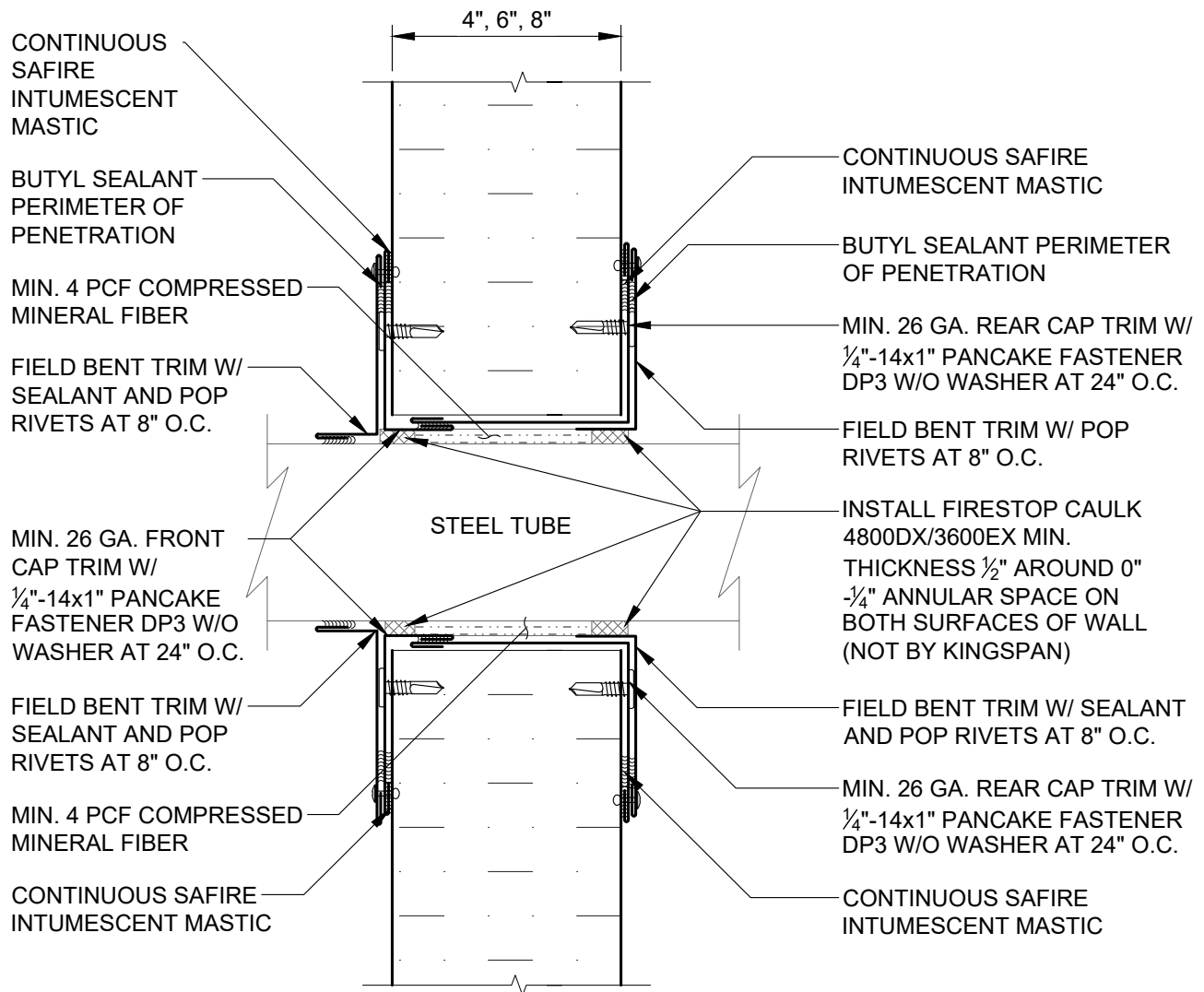
REGION: NORTH AMERICA

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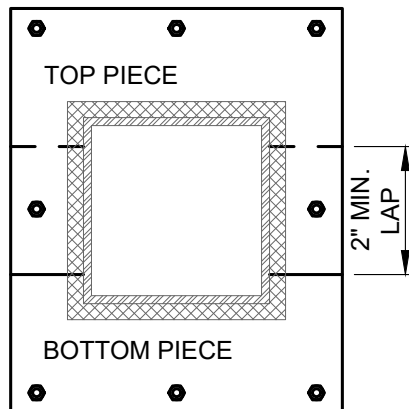


K-ROC HF SERIES PANELS - FIRE RATED WALL

AVOID LOCATING PENETRATIONS AT JOINT LOCATIONS



CUT TRIMS ON SITE
TO FIT



REVISION	
REVISION #	DATE
5	6/27/25

STRUCTURAL MEMBER PENETRATION

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

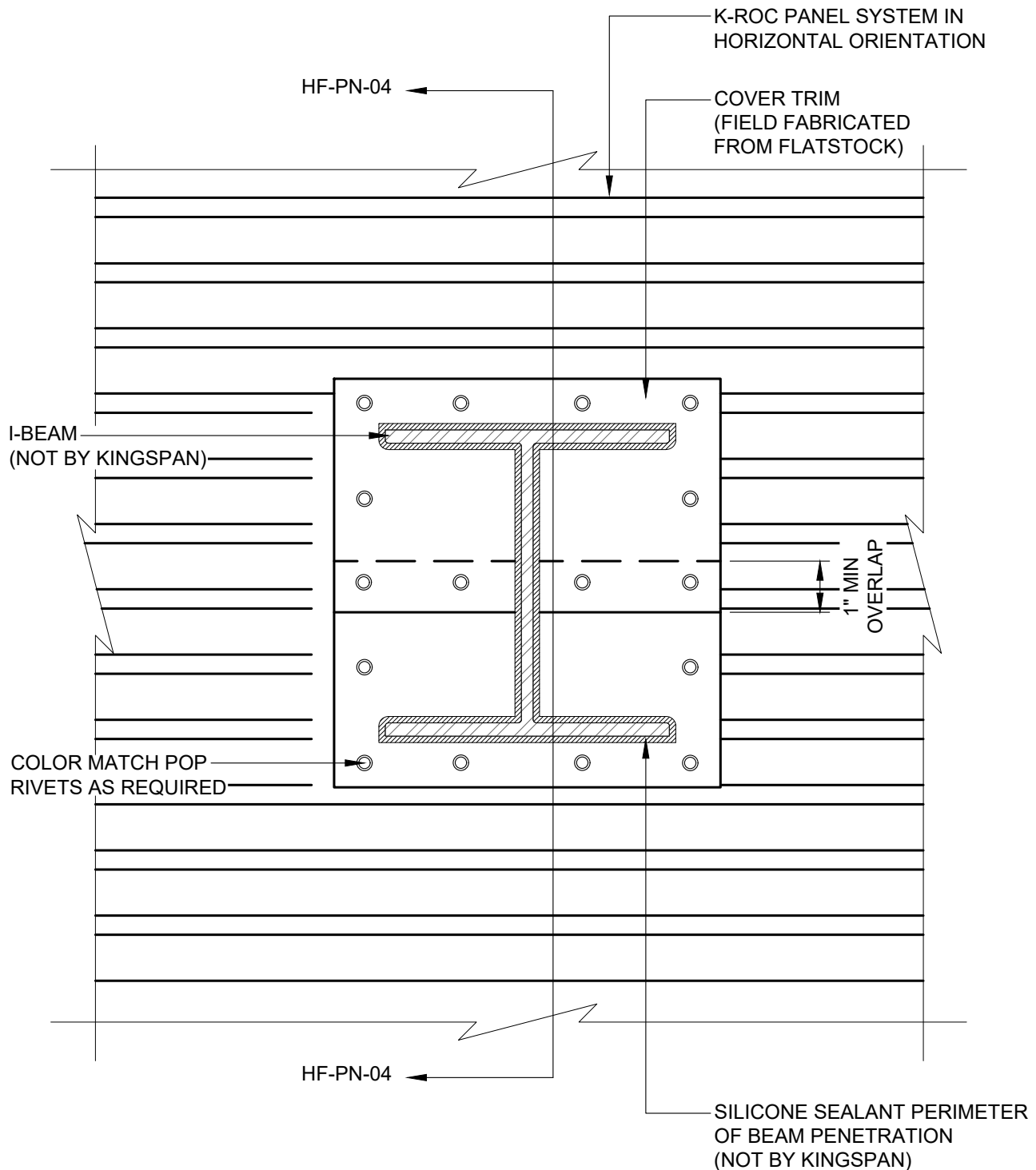
RELEASE: 2025

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K-ROC HF SERIES PANELS - FIRE RATED WALL



REVISION	
REVISION #	DATE
5	6/27/25

I-BEAM PENETRATION ELEVATION

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

RELEASE: 2025

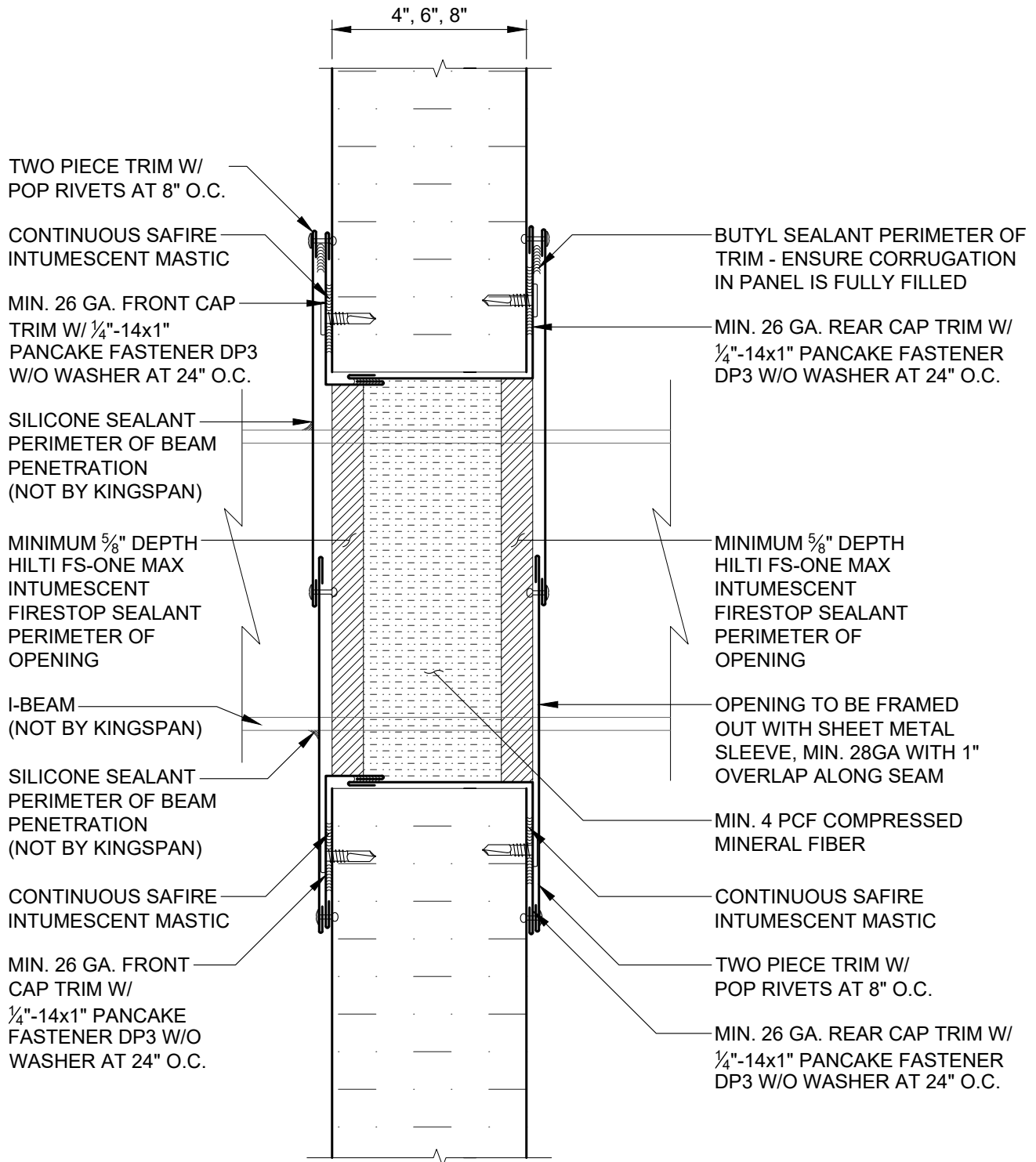
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K-ROC HF SERIES PANELS - FIRE RATED WALL

AVOID LOCATING PENETRATIONS AT JOINT LOCATIONS



REVISION	
REVISION #	DATE
5	6/27/25

I-BEAM PENETRATION SECTION

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

RELEASE: 2025

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