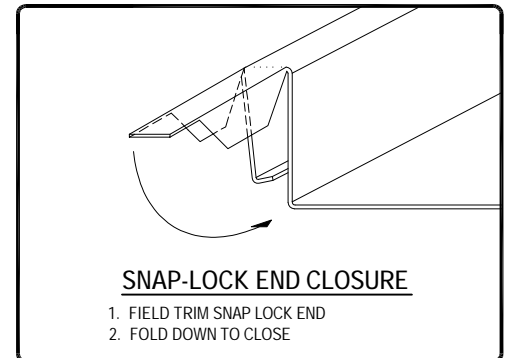


#### NOTES:

1. REFER TO FIRESTONE WEBSITE FOR MOST CURRENT INFORMATION.
2. REFER TO TECHNICAL INFORMATION SHEETS FOR FASCIA SIZES, ACCESSORIES, AND FINISHES AVAILABLE.
3. WOOD NAILER MUST BE INSTALLED TO MEET APPLICABLE BUILDING CODES OR 200 LBS PER LINEAR FOOT MINIMUM IN ANY GIVEN DIRECTION.
4. REFER TO THE FIRESTONE TECHNICAL DATABASE FOR FASTENER COMPATIBILITY WITH METAL.
5. REFER TO THE FIRESTONE TECHNICAL DATABASE FOR HEM LENGTH AND REQUIRED DISTANCE BETWEEN THE PANEL AND CLEAT.
6. APPLICATION DETAILS ARE FOR ILLUSTRATION PURPOSES ONLY AND MAY NOT BE APPROPRIATE FOR ALL BUILDING DESIGNS AND CONDITIONS.



FOR WARRANTY PERIODS GREATER THAN 20 YEARS REFER TO METAL QUICK SPECS FOR MINIMUM REQUIREMENTS.

MAXIMUM WARRANTY: **20 YEARS**

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#### SLIDING EAVE AT DRIP EDGE

UNA-CLAD®

ACCEPTABLE SYSTEMS: UC-4 RS

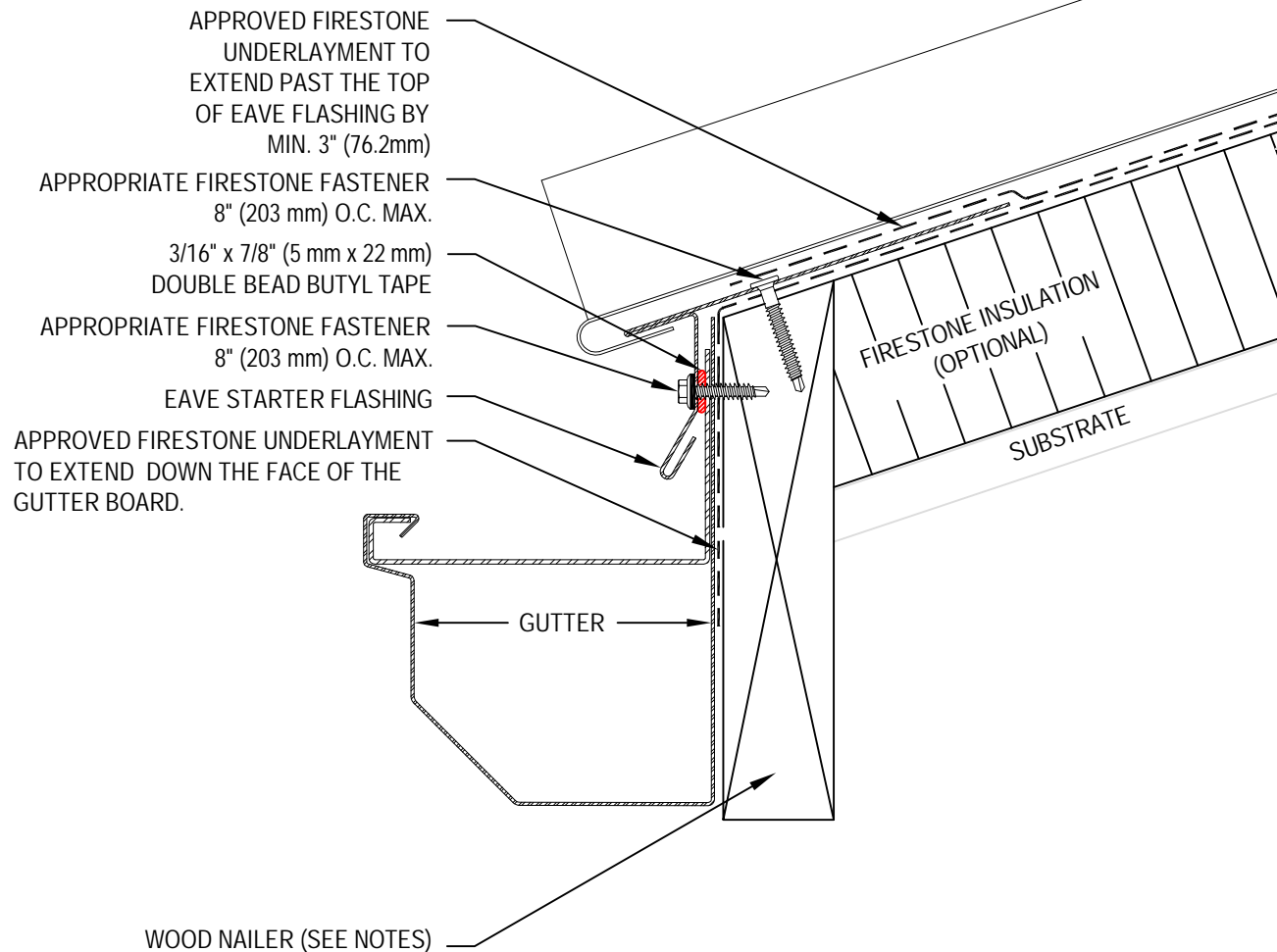
ISSUE / REVISION  
DATE:

08/29/2013

NOT TO SCALE

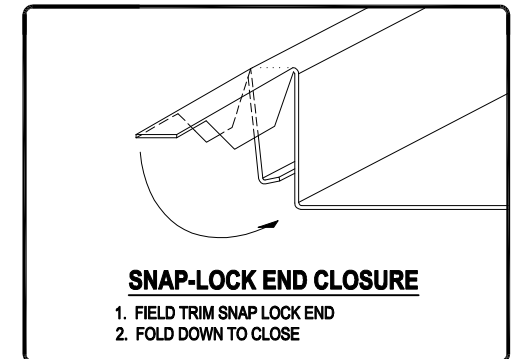
DETAIL NO.

**4-E-1**



**NOTES:**

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6. APPLICATION DETAILS ARE FOR ILLUSTRATION PURPOSES ONLY AND MAY NOT BE APPROPRIATE FOR ALL BUILDING DESIGNS AND CONDITIONS.



FOR WARRANTY PERIODS GREATER THAN 20 YEARS REFER TO METAL QUICK SPECS FOR MINIMUM REQUIREMENTS.

**MAXIMUM WARRANTY: 20 YEARS**

**SLIDING EAVE AT GUTTER**

**UNA-CLAD®**

ACCEPTABLE SYSTEMS: **UC-4 RS**

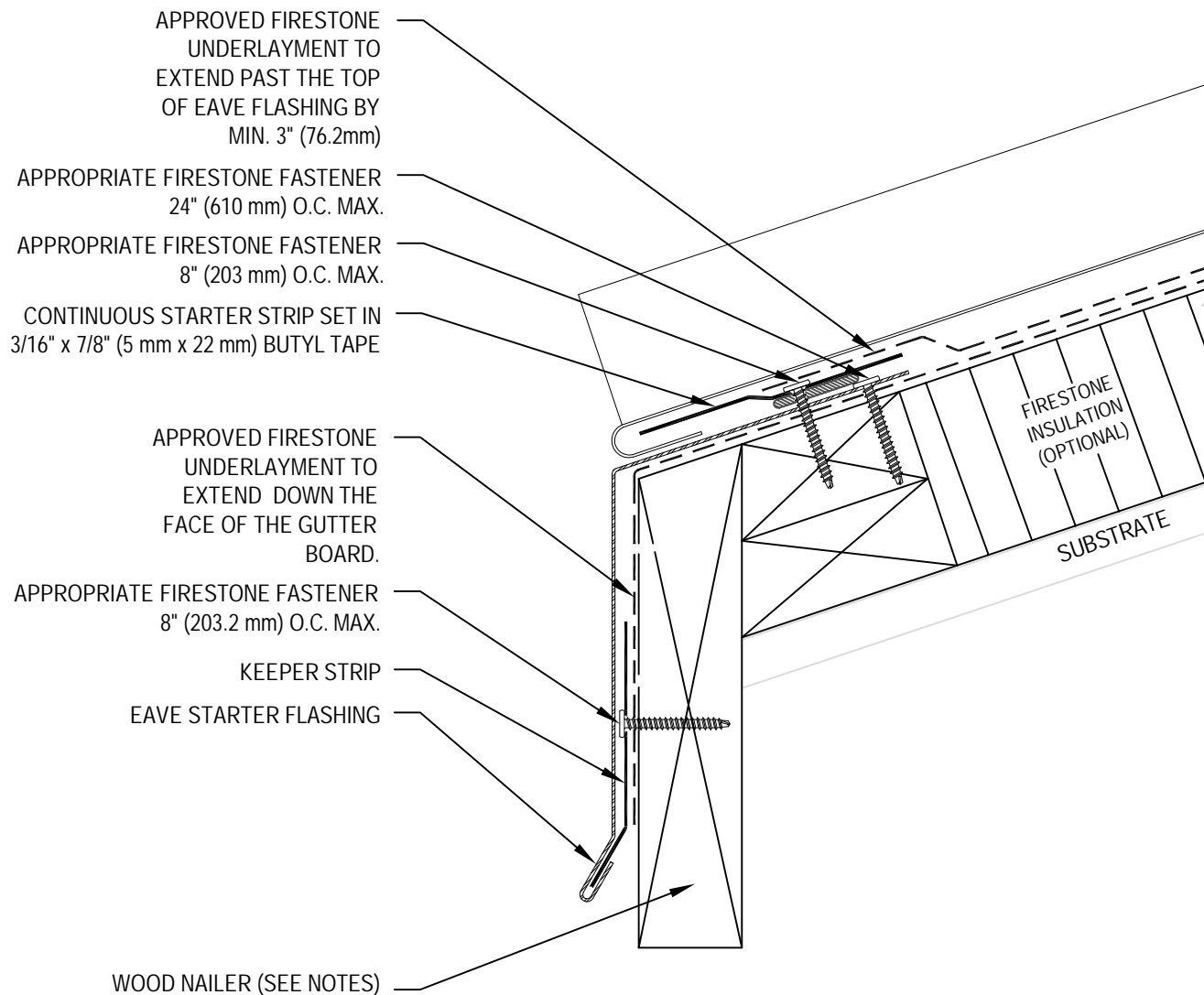
ISSUE / REVISION  
DATE:

**08/29/2013**

NOT TO SCALE

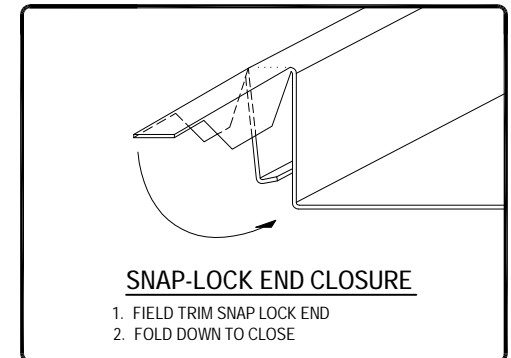
**DETAIL NO.**

**4-E-2**



#### NOTES:

1. REFER TO FIRESTONE WEBSITE FOR MOST CURRENT INFORMATION.
2. REFER TO TECHNICAL INFORMATION SHEETS FOR FASCIA SIZES, ACCESSORIES, AND FINISHES AVAILABLE.
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6. APPLICATION DETAILS ARE FOR ILLUSTRATION PURPOSES ONLY AND MAY NOT BE APPROPRIATE FOR ALL BUILDING DESIGNS AND CONDITIONS.



FOR WARRANTY PERIODS GREATER THAN 20 YEARS REFER TO METAL QUICK SPECS FOR MINIMUM REQUIREMENTS.

MAXIMUM WARRANTY: **20 YEARS**

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#### CLEATED SLIDING EAVE AT DRIP EDGE

UNA-CLAD®

ACCEPTABLE SYSTEMS: UC-4 RS

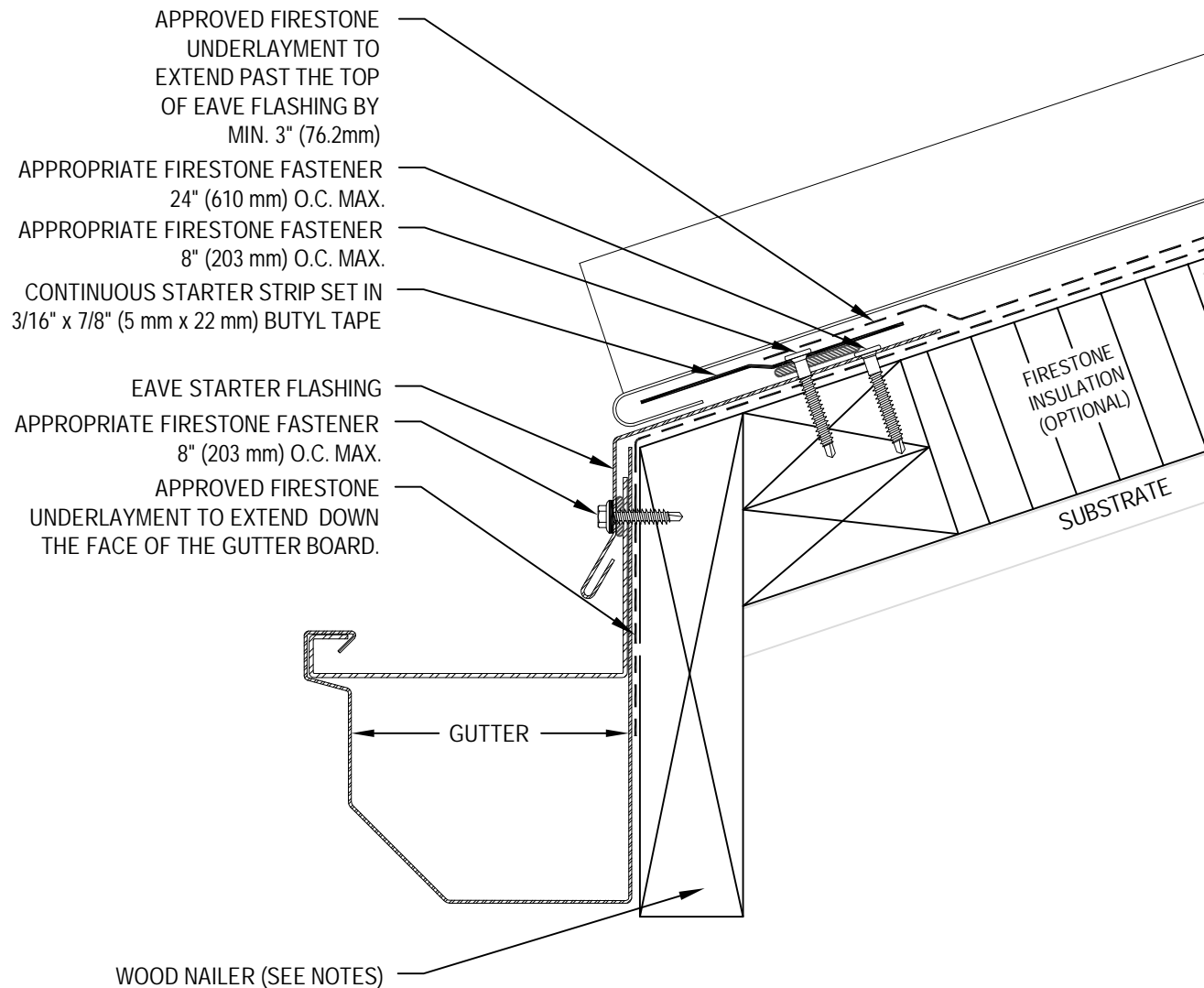
ISSUE / REVISION  
DATE:

08-29-2013

NOT TO SCALE

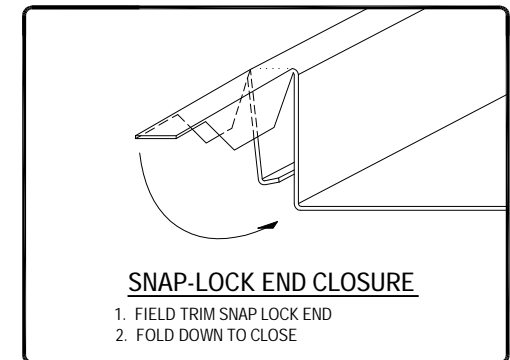
DETAIL NO.

**4-E-3**



#### NOTES:

1. REFER TO FIRESTONE WEBSITE FOR MOST CURRENT INFORMATION.
2. REFER TO TECHNICAL INFORMATION SHEETS FOR FASCIA SIZES, ACCESSORIES, AND FINISHES AVAILABLE.
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4. REFER TO THE FIRESTONE TECHNICAL DATABASE FOR FASTENER COMPATIBILITY WITH METAL.
5. REFER TO THE FIRESTONE TECHNICAL DATABASE FOR HEM LENGTH AND REQUIRED DISTANCE BETWEEN THE PANEL AND CLEAT.
6. APPLICATION DETAILS ARE FOR ILLUSTRATION PURPOSES ONLY AND MAY NOT BE APPROPRIATE FOR ALL BUILDING DESIGNS AND CONDITIONS.



FOR WARRANTY PERIODS GREATER THAN 20 YEARS REFER TO METAL QUICK SPECS FOR MINIMUM REQUIREMENTS.

MAXIMUM WARRANTY: **20 YEARS**

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### CLEATED SLIDING EAVE AT GUTTER

UNA-CLAD®

ACCEPTABLE SYSTEMS: UC-4 RS

ISSUE / REVISION  
DATE:

08/29/2013

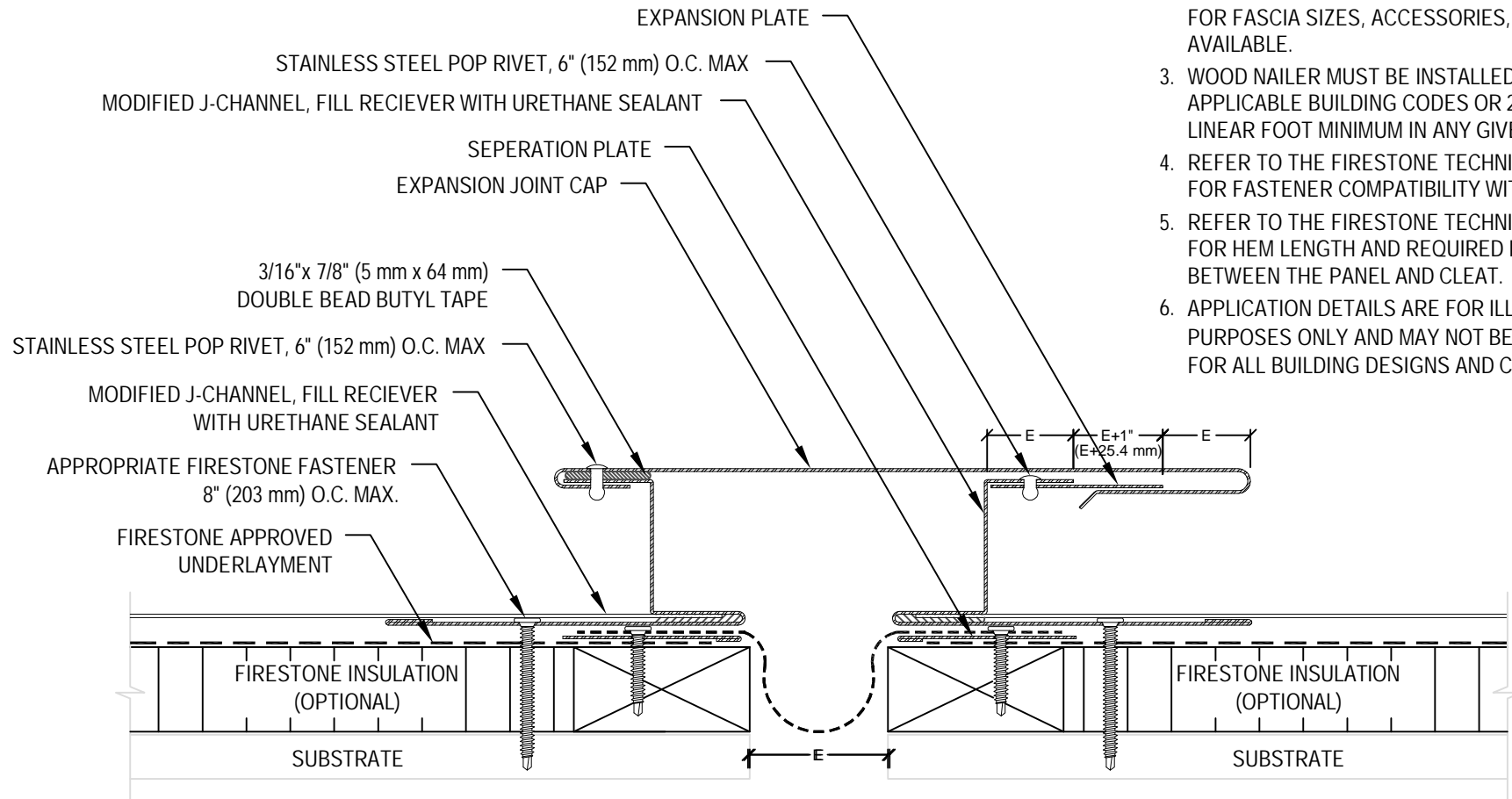
NOT TO SCALE

DETAIL NO.

**4-E-4**

NOTES:

1. REFER TO FIRESTONE WEBSITE FOR MOST CURRENT INFORMATION.
2. REFER TO TECHNICAL INFORMATION SHEETS FOR FASCIA SIZES, ACCESSORIES, AND FINISHES AVAILABLE.
3. WOOD NAILER MUST BE INSTALLED TO MEET APPLICABLE BUILDING CODES OR 200 LBS PER LINEAR FOOT MINIMUM IN ANY GIVEN DIRECTION.
4. REFER TO THE FIRESTONE TECHNICAL DATABASE FOR FASTENER COMPATIBILITY WITH METAL.
5. REFER TO THE FIRESTONE TECHNICAL DATABASE FOR HEM LENGTH AND REQUIRED DISTANCE BETWEEN THE PANEL AND CLEAT.
6. APPLICATION DETAILS ARE FOR ILLUSTRATION PURPOSES ONLY AND MAY NOT BE APPROPRIATE FOR ALL BUILDING DESIGNS AND CONDITIONS.



E = CALCULATED THERMAL OR STRUCTURAL MOVEMENT

FOR WARRANTY PERIODS GREATER THAN 20 YEARS REFER TO METAL QUICK SPECS FOR MINIMUM REQUIREMENTS.

MAXIMUM WARRANTY: 20 YEARS

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EXPANSION JOINT

UNA-CLAD®

ACCEPTABLE SYSTEMS: UC-4 RS

ISSUE / REVISION  
DATE:

08/29/2013

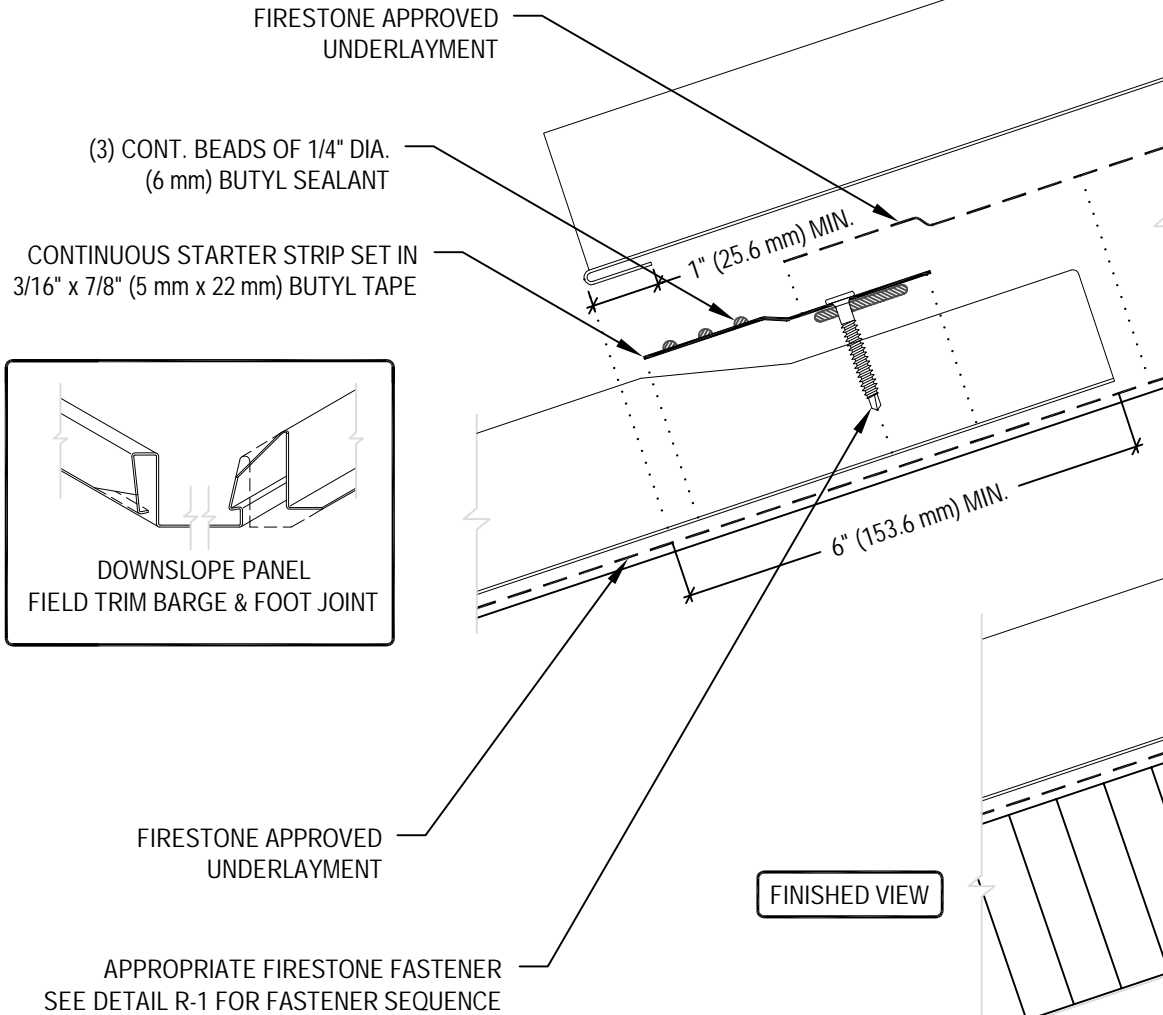
NOT TO SCALE

DETAIL NO.

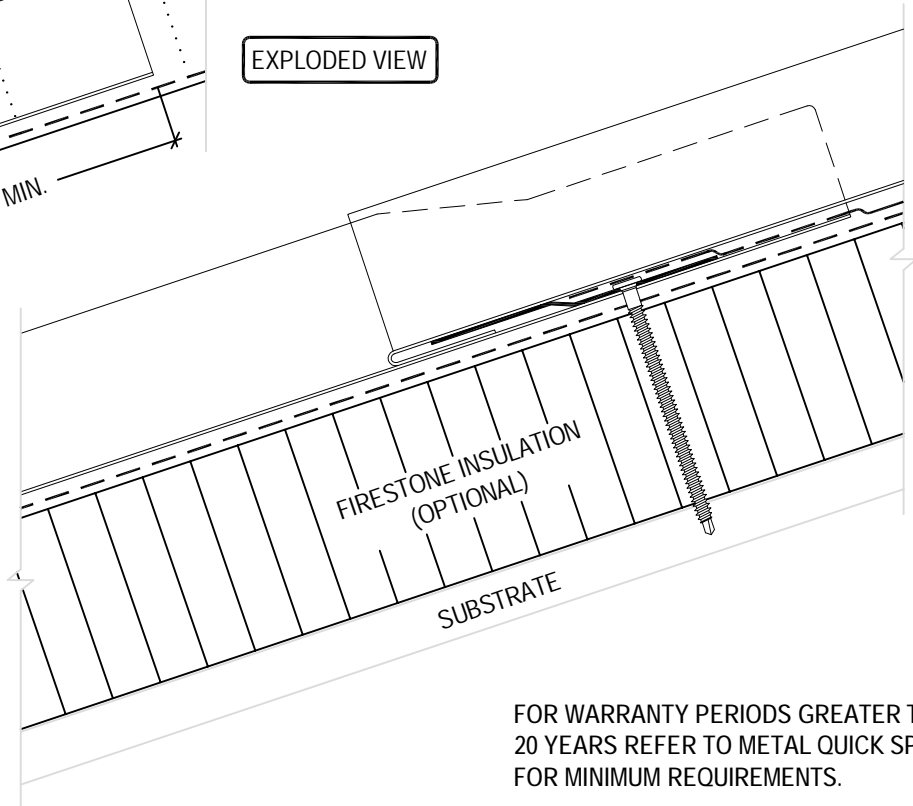
4-EJ-1

NOTES:

1. REFER TO FIRESTONE WEBSITE FOR MOST CURRENT INFORMATION.
2. REFER TO TECHNICAL INFORMATION SHEETS FOR FASCIA SIZES, ACCESSORIES, AND FINISHES AVAILABLE.
3. REFER TO THE FIRESTONE TECHNICAL DATABASE FOR HEM LENGTH AND REQUIRED DISTANCE BETWEEN THE PANEL & CLEAT.
4. REFER TO THE FIRESTONE TECHNICAL DATABASE FOR FASTENER COMPATIBILITY WITH METAL.
5. STAGGER ADJACENT END LAPS MINIMUM 12" (307 mm) O.C..



EXPLODED VIEW



FINISHED VIEW

FOR WARRANTY PERIODS GREATER THAN 20 YEARS REFER TO METAL QUICK SPECS FOR MINIMUM REQUIREMENTS.

MAXIMUM WARRANTY: 20 YEARS

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END LAP

UNA-CLAD®

ACCEPTABLE SYSTEMS: UC-4 RS

ISSUE / REVISION  
DATE:

08/29/2013

NOT TO SCALE

DETAIL NO.

4-EL-1

ZEE CLOSURE SET IN 3/16" x 7/8"  
(5 mm x 22 mm) DOUBLE BEADED  
BUTYL TAPE, FILL SPACE BETWEEN  
ZEE & PANEL SEAM w/ URETHANE  
SEALANT

APPROPRIATE FIRESTONE  
ANCHORING FASTENER

APPROPRIATE FIRESTONE  
FASTENER; 24" (610 mm)  
O.C. MAX.

FIRESTONE APPROVED  
UNDERLAYMENT

HIGH EAVE FLASHING

WOOD NAILER

HIGH EAVE CLEAT

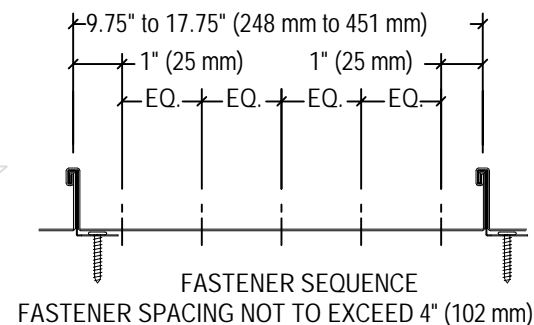
APPROPRIATE FIRESTONE  
FASTENER: 8" (203 mm)  
O.C. MAX.

1" MIN.  
(25 mm)

FIRESTONE INSULATION  
(OPTIONAL)  
SUBSTRATE

#### NOTES:

1. REFER TO FIRESTONE WEBSITE FOR MOST CURRENT INFORMATION.
2. REFER TO TECHNICAL INFORMATION SHEETS FOR FASCIA SIZES, ACCESSORIES, AND FINISHES AVAILABLE.
3. WOOD NAILER MUST BE INSTALLED TO MEET APPLICABLE BUILDING CODES OR 200 LBS PER LINEAR FOOT MINIMUM IN ANY GIVEN DIRECTION.
4. REFER TO THE FIRESTONE TECHNICAL DATABASE FOR FASTENER COMPATIBILITY WITH METAL.
5. APPLICATION DETAILS ARE FOR ILLUSTRATION PURPOSES ONLY AND MAY NOT BE APPROPRIATE FOR ALL BUILDING DESIGNS AND CONDITIONS.



ANCHORING FASTENER PATTERN

FOR WARRANTY PERIODS GREATER THAN  
20 YEARS REFER TO METAL QUICK SPECS  
FOR MINIMUM REQUIREMENTS.

MAXIMUM WARRANTY: 20 YEARS

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FIXED HIGH EAVE WITH Z-CLOSURE

UNA-CLAD®

ACCEPTABLE SYSTEMS: UC-4 RS

ISSUE / REVISION  
DATE:

08/29/2013

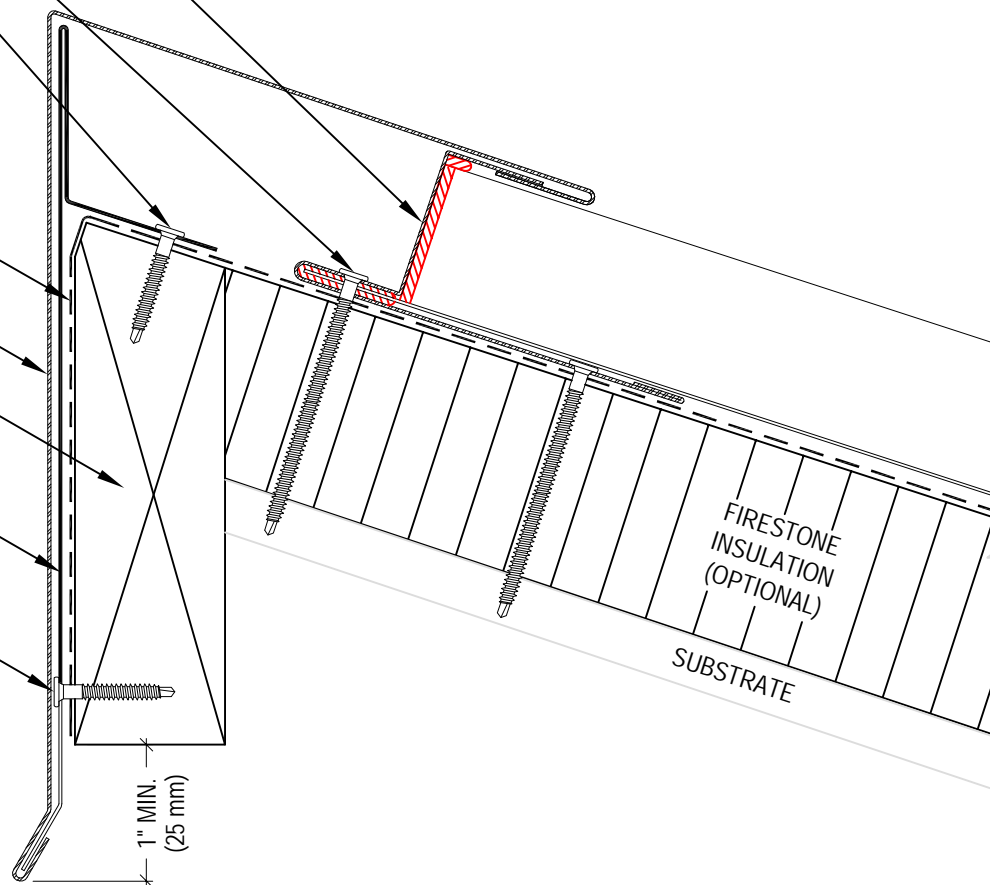
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DETAIL NO.

4-HE-1

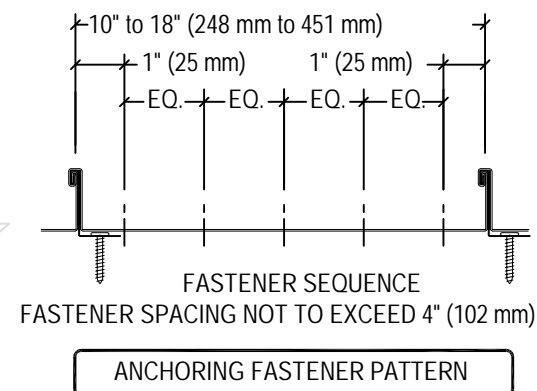
MODIFIED J-CHANNEL, FILL  
SPACE BETWEEN  
J-CHANNEL & PANEL SEAM  
w/ URETHANE SEALANT  
APPROPRIATE FIRESTONE  
ANCHORING FASTENER  
APPROPRIATE FIRESTONE  
FASTENER; 24" (610 mm)  
O.C. MAX.

FIRESTONE APPROVED  
UNDERLAYMENT  
HIGH EAVE FLASHING  
WOOD NAILER  
HIGH EAVE CLEAT  
APPROPRIATE FIRESTONE  
FASTENER; 8" (203 mm)  
O.C. MAX.



#### NOTES:

1. REFER TO FIRESTONE WEBSITE FOR MOST CURRENT INFORMATION.
2. REFER TO TECHNICAL INFORMATION SHEETS FOR FASCIA SIZES, ACCESSORIES, AND FINISHES AVAILABLE.
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FOR WARRANTY PERIODS GREATER THAN  
20 YEARS REFER TO METAL QUICK SPECS  
FOR MINIMUM REQUIREMENTS.

MAXIMUM WARRANTY: **20 YEARS**

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**FIXED HIGH EAVE WITH MODIFIED J-CHANNEL**

**UNA-CLAD®**

ACCEPTABLE SYSTEMS: UC-4 RS

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NOT TO SCALE

DETAIL NO.

**4-HE-2**



CONTINUOUS BEAD OF URETHANE SEALANT  
 APPROPRIATE FIRESTONE FASTENER  
 12" (304.8mm) O.C. MAX.

CONTINUOUS BEAD OF URETHANE SEALANT  
 APPROPRIATE FIRESTONE FASTENER  
 12" (304.8mm) O.C. MAX.

REGLET FLASHING

FIRESTONE APPROVED  
 UNDERLAYMENT

HEADWALL FLASHING

TURN UP LEG AND SEAL  
 w/ URETHANE SEALANT

ZEE CLOSURE SET IN 3/16" x 7/8"  
 (4.8 mm x 63.5 mm) DOUBLE BEADED  
 BUTYL TAPE, FILL SPACE BETWEEN ZEE  
 AND PANEL SEAM w/ URETHANE SEALANT

**MASONRY AND CONCRETE  
 WALLS / CURBS MUST BE  
 WATERPROOFED AND  
 MAINTAINED IN ORDER  
 FOR ANY SURFACE  
 MOUNTED TERMINATION  
 TO BE EFFECTIVE.**

FIRESTONE INSULATION  
 (OPTIONAL)

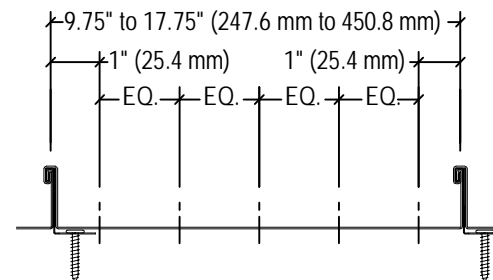
SUBSTRATE

WALL / CURB  
 (MASONRY /  
 CONCRETE  
 SUBSTRATE  
 ONLY)

APPROPRIATE FIRESTONE  
 ANCHORING FASTENER

#### NOTES:

1. REFER TO FIRESTONE WEBSITE FOR MOST CURRENT INFORMATION.
2. REFER TO TECHNICAL INFORMATION SHEETS FOR FASCIA SIZES, ACCESSORIES, AND FINISHES AVAILABLE.
3. REFER TO THE FIRESTONE TECHNICAL DATABASE FOR FASTENER COMPATIBILITY WITH METAL.
4. FIELD NOTCH ZEE CLOSURES. SET ZEE CLOSURE IN BUTYL TAPE AND SEAL AROUND REMAINING EDGES OF ZEE WITH URETHANE SEALANT.
5. APPLICATION DETAILS ARE FOR ILLUSTRATION PURPOSES ONLY AND MAY NOT BE APPROPRIATE FOR ALL BUILDING DESIGNS AND CONDITIONS.



FASTENER SEQUENCE  
 FASTENER SPACING NOT TO EXCEED 4" (101.6 mm)

ANCHORING FASTENER PATTERN

FOR WARRANTY PERIODS GREATER THAN  
 20 YEARS REFER TO METAL QUICK SPECS  
 FOR MINIMUM REQUIREMENTS.

MAXIMUM WARRANTY: 20 YEARS

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FIXED HEADWALL WITH Z-CLOSURE AT REGLET

UNA-CLAD®

ACCEPTABLE SYSTEMS: UC-4 RS

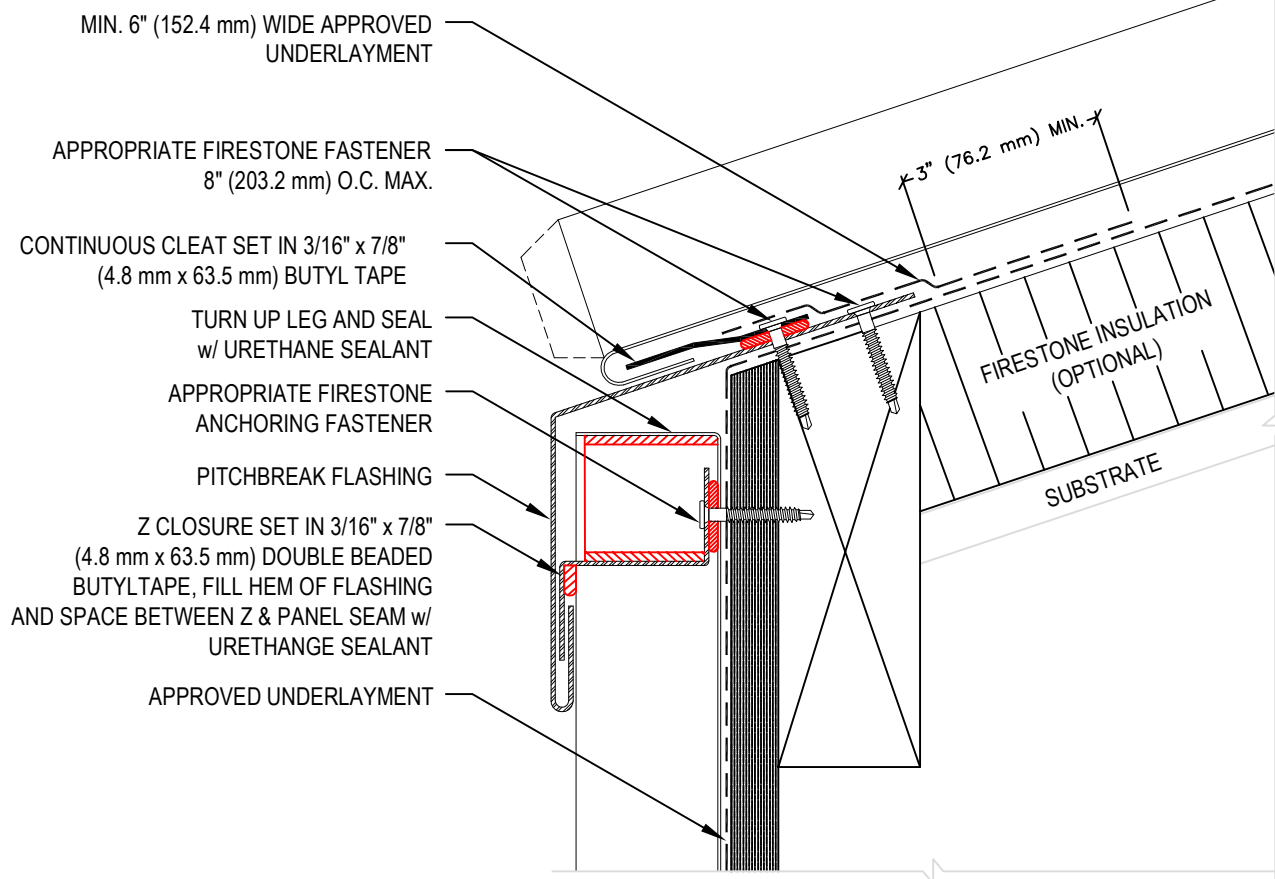
ISSUE / REVISION  
 DATE:

08/29/2013

NOT TO SCALE

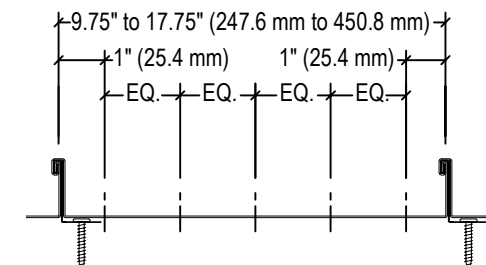
DETAIL NO.

4-HW-1



#### NOTES:

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4. FIELD NOTCH ZEE CLOSURES. SET ZEE CLOSURE IN BUTYL TAPE AND SEAL AROUND REMAINING EDGES OF ZEE WITH URETHANE SEALANT.
5. REFER TO THE FIRESTONE TECHNICAL DATABASE FOR FASTENER/METAL COMPATIBILITY.
6. REFER TO THE FIRESTONE TECHNICAL DATABASE FOR HEM LENGTH AND REQUIRED DISTANCE BETWEEN THE PANEL & CLEAT.
7. APPLICATION DETAILS ARE FOR ILLUSTRATION PURPOSES ONLY AND MAY NOT BE APPROPRIATE FOR ALL BUILDING DESIGNS AND CONDITIONS.



FASTENER SEQUENCE  
FASTENER SPACING NOT TO EXCEED 4" (101.6 mm)

ANCHORING FASTENER PATTERN

MAXIMUM WARRANTY: **25 YEARS**

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### PITCHBREAK TRANSITION AT ROOF EDGE

UNA-CLAD®

ACCEPTABLE SYSTEMS: UC4-RS

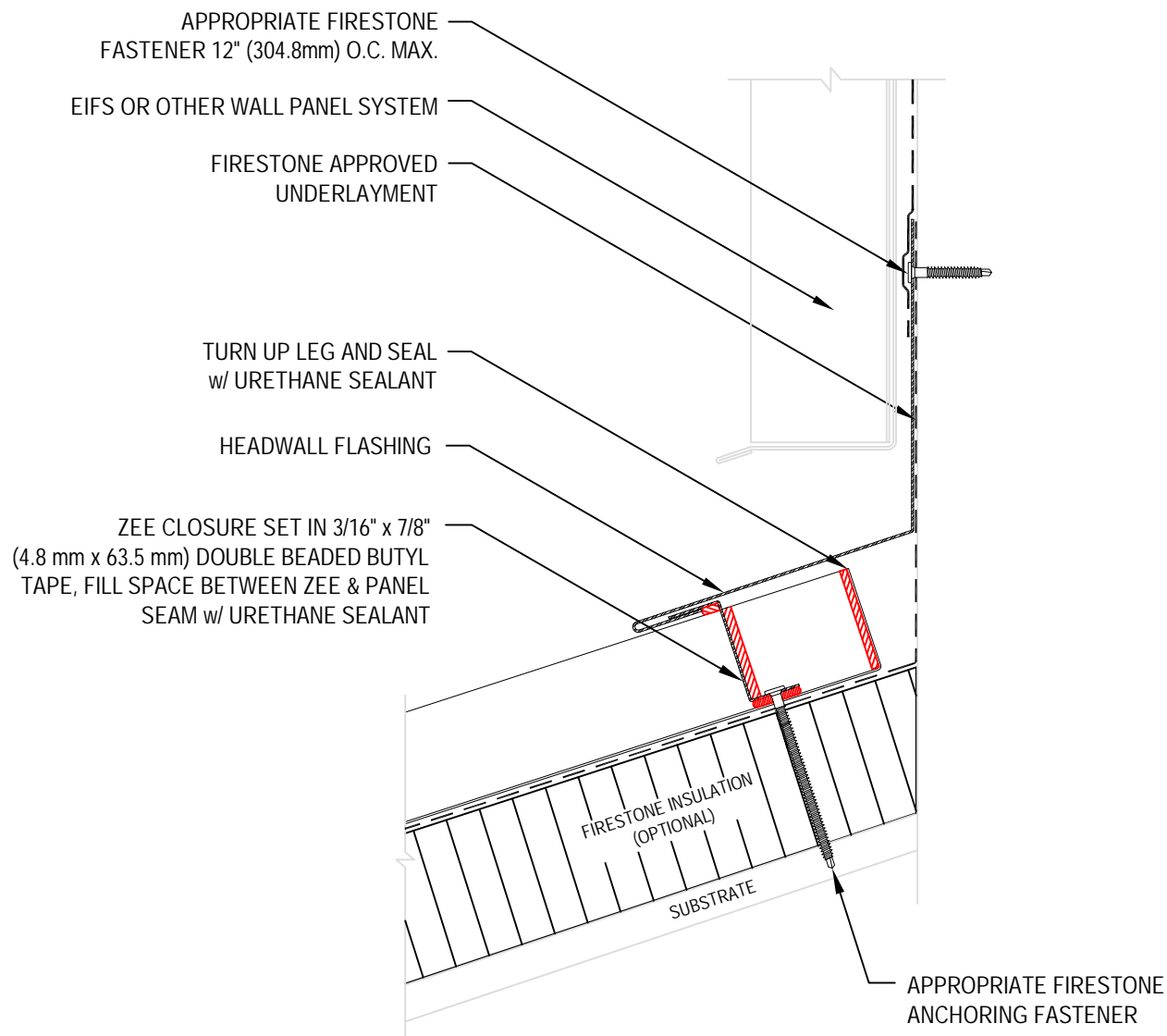
ISSUE / REVISION  
DATE:

8/15/2008

NOT TO SCALE

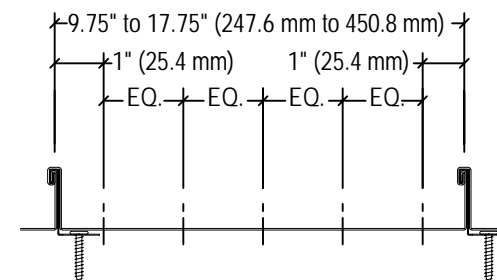
DETAIL NO.

**4-PB-1**



# NOTES:

1. REFER TO FIRESTONE WEBSITE FOR MOST CURRENT INFORMATION.
2. REFER TO TECHNICAL INFORMATION SHEETS FOR FASCIA SIZES, ACCESSORIES, AND FINISHES AVAILABLE.
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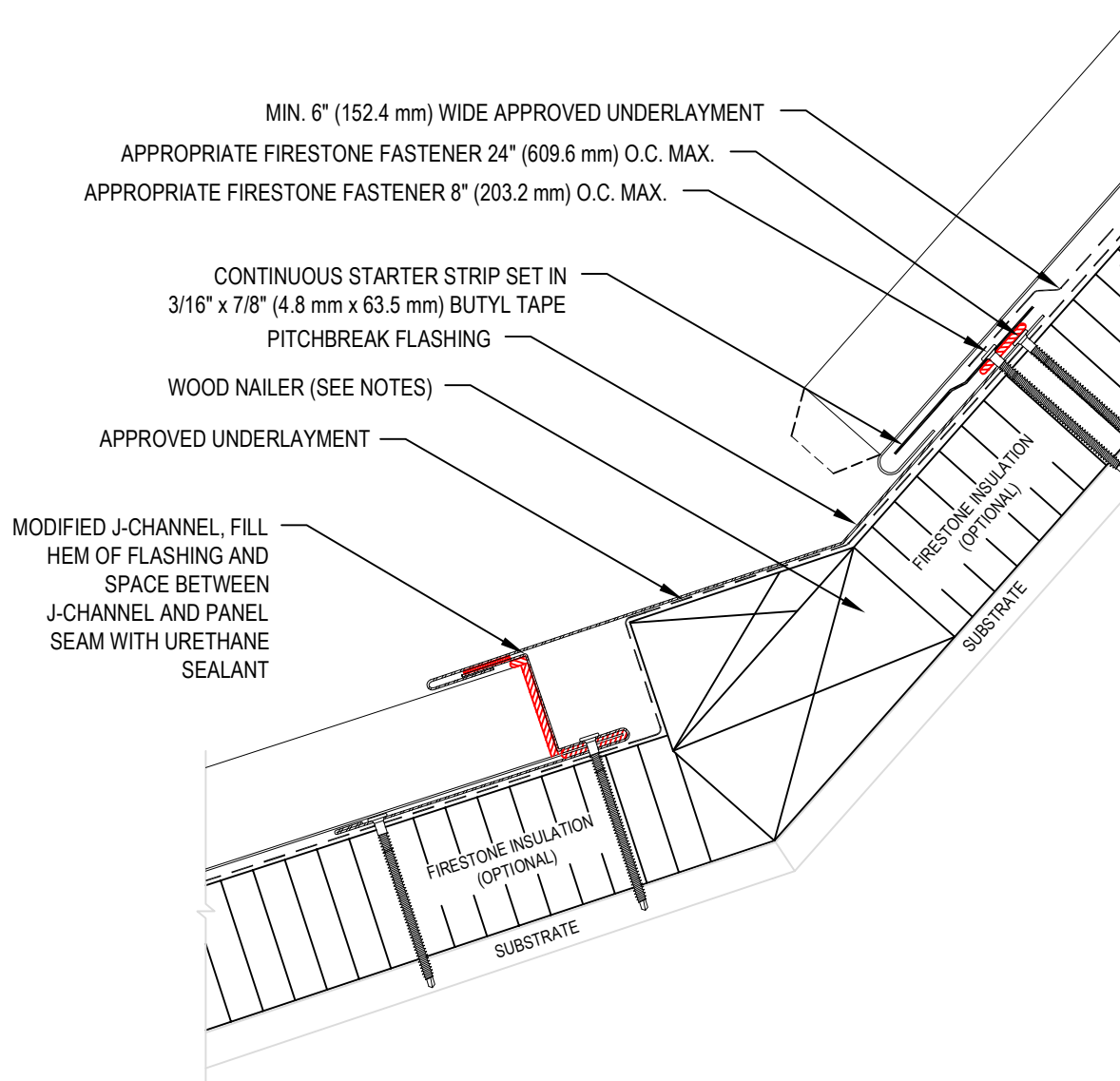


FASTENER SEQUENCE  
FASTENER SPACING NOT TO EXCEED 4" (101.6 mm)

ANCHORING FASTENER PATTERN

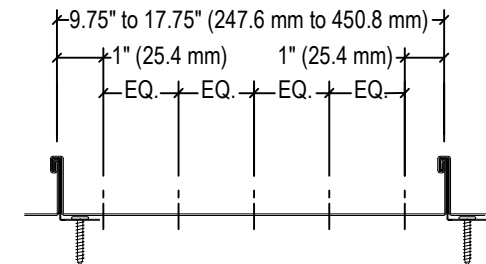
FOR WARRANTY PERIODS GREATER THAN 20 YEARS REFER TO METAL QUICK SPECS FOR MINIMUM REQUIREMENTS.

MAXIMUM WARRANTY: 20 YEARS



NOTES:

1. REFER TO FIRESTONE WEBSITE FOR MOST CURRENT INFORMATION.
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4. REFER TO THE FIRESTONE TECHNICAL DATABASE FOR FASTENER/METAL COMPATIBILITY.
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FASTENER SEQUENCE  
FASTENER SPACING NOT TO EXCEED 4" (101.6 mm)

ANCHORING FASTENER PATTERN

MAXIMUM WARRANTY: **25 YEARS**

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**PITCHBREAK TRANSITION - STEEP TO LOW SLOPE**

**UNA-CLAD®**

ACCEPTABLE SYSTEMS: UC4-RS

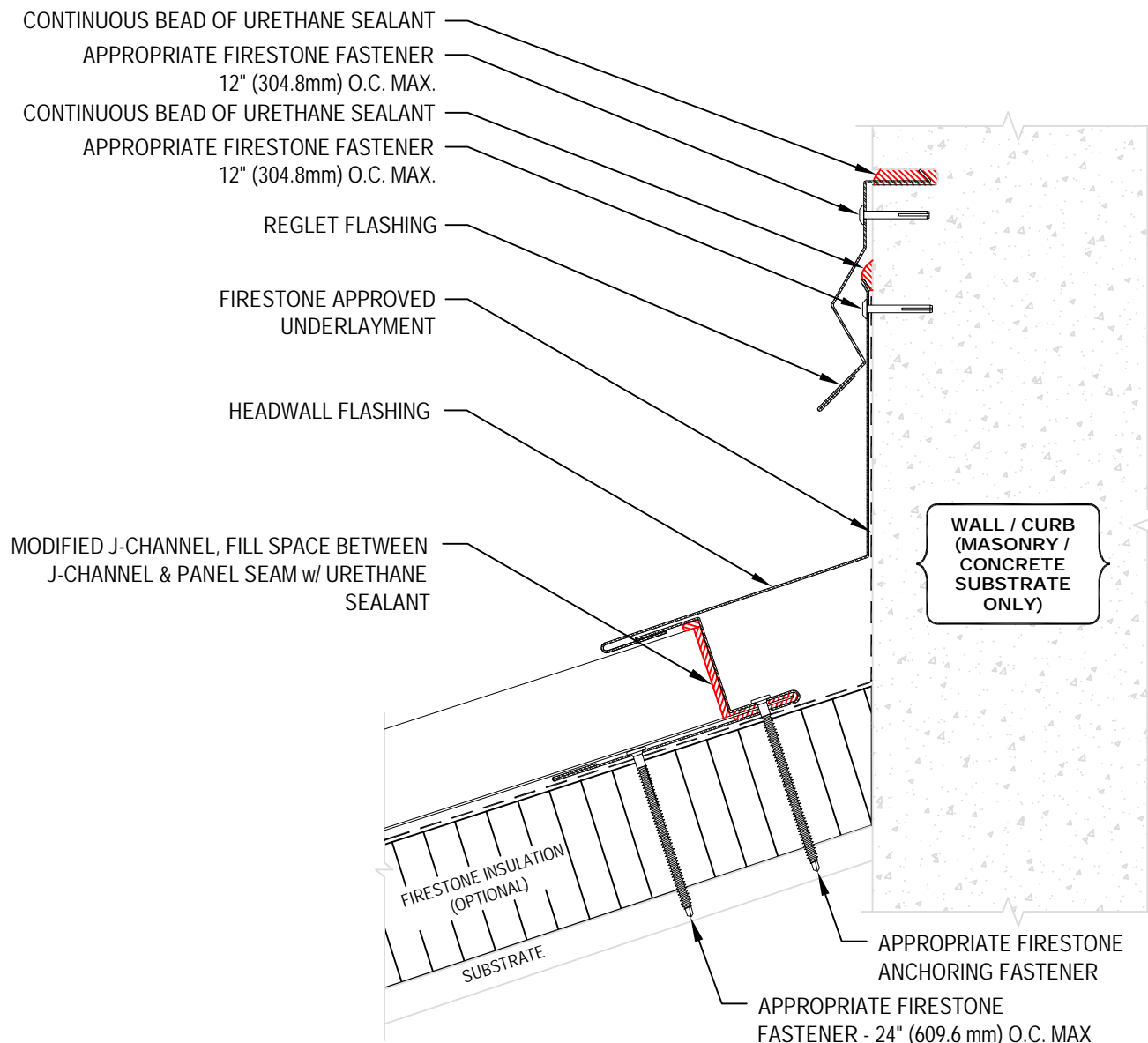
ISSUE / REVISION  
DATE:

8/15/2008

NOT TO SCALE

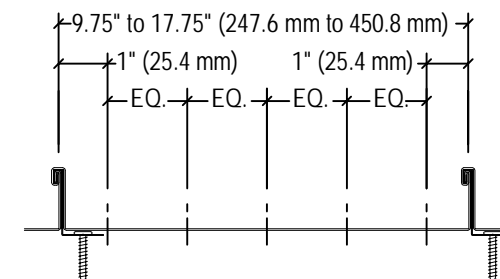
DETAIL NO.

**4-PB-2**



# NOTES:

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2. REFER TO TECHNICAL INFORMATION SHEETS FOR FASCIA SIZES, ACCESSORIES, AND FINISHES AVAILABLE.
3. REFER TO THE FIRESTONE TECHNICAL DATABASE FOR FASTENER COMPATIBILITY WITH METAL.
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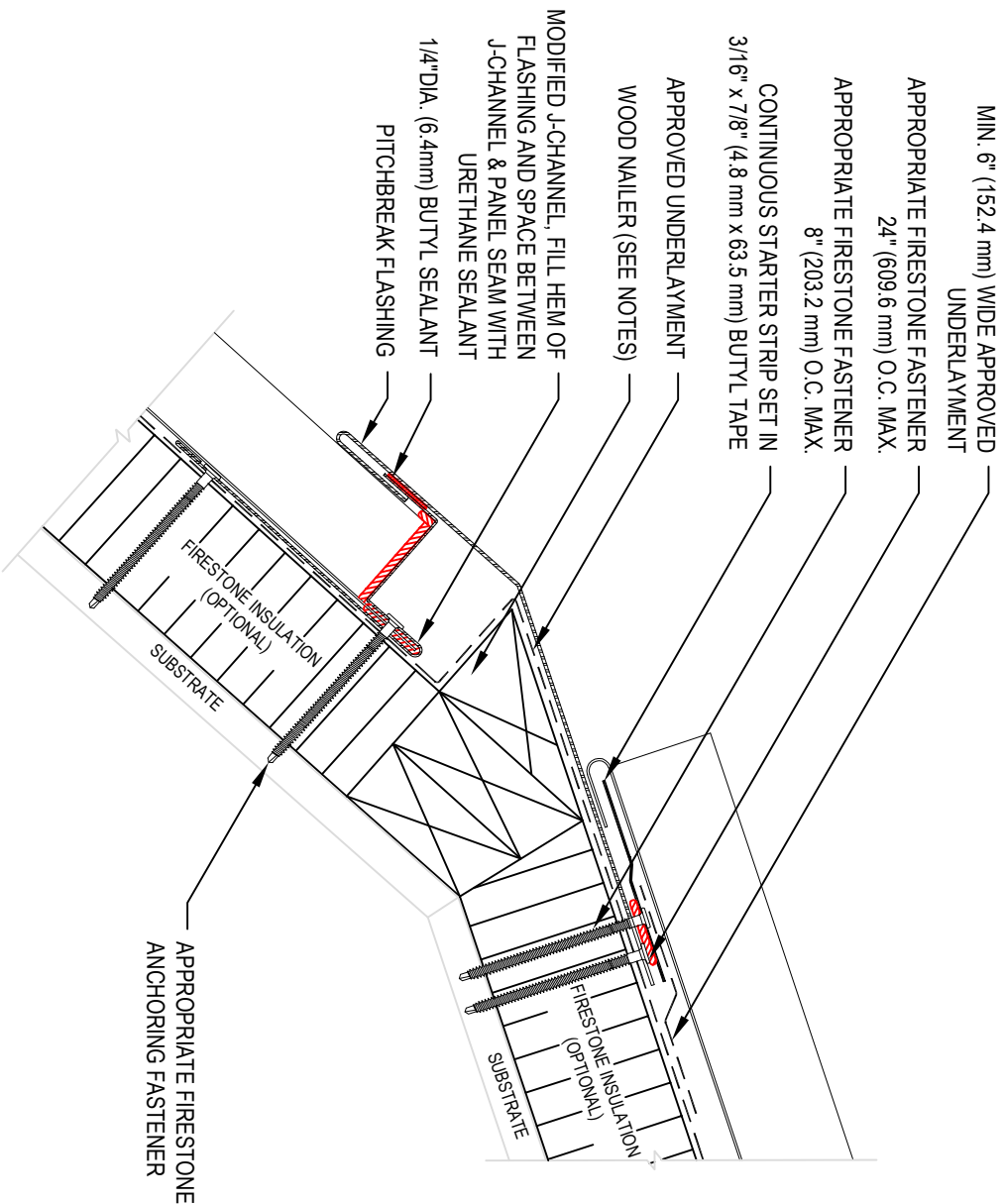
FASTENER SEQUENCE  
FASTENER SPACING NOT TO EXCEED 4" (101.6 mm)

ANCHORING FASTENER PATTERN

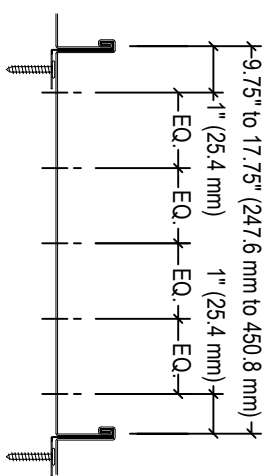
**MASONRY AND CONCRETE WALLS / CURBS MUST BE WATERPROOFED AND MAINTAINED IN ORDER FOR ANY SURFACE MOUNTED TERMINATION TO BE EFFECTIVE.**

FOR WARRANTY PERIODS GREATER THAN 20 YEARS REFER TO METAL QUICK SPECS FOR MINIMUM REQUIREMENTS.

MAXIMUM WARRANTY: 20 YEARS



- NOTES:
1. REFER TO FIRESTONE WEBSITE FOR MOST CURRENT INFORMATION.
  2. REFER TO TECHNICAL INFORMATION SHEETS FOR FASCIA SIZES, ACCESSORIES, AND FINISHES AVAILABLE.
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  4. REFER TO THE FIRESTONE TECHNICAL DATABASE FOR FASTENER/METAL COMPATIBILITY.
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FASTENER SEQUENCE  
FASTENER SPACING NOT TO EXCEED 4" (101.6 mm)  
ANCHORING FASTENER PATTERN

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**PITCHBREAK TRANSITION - LOW TO STEEP SLOPE**

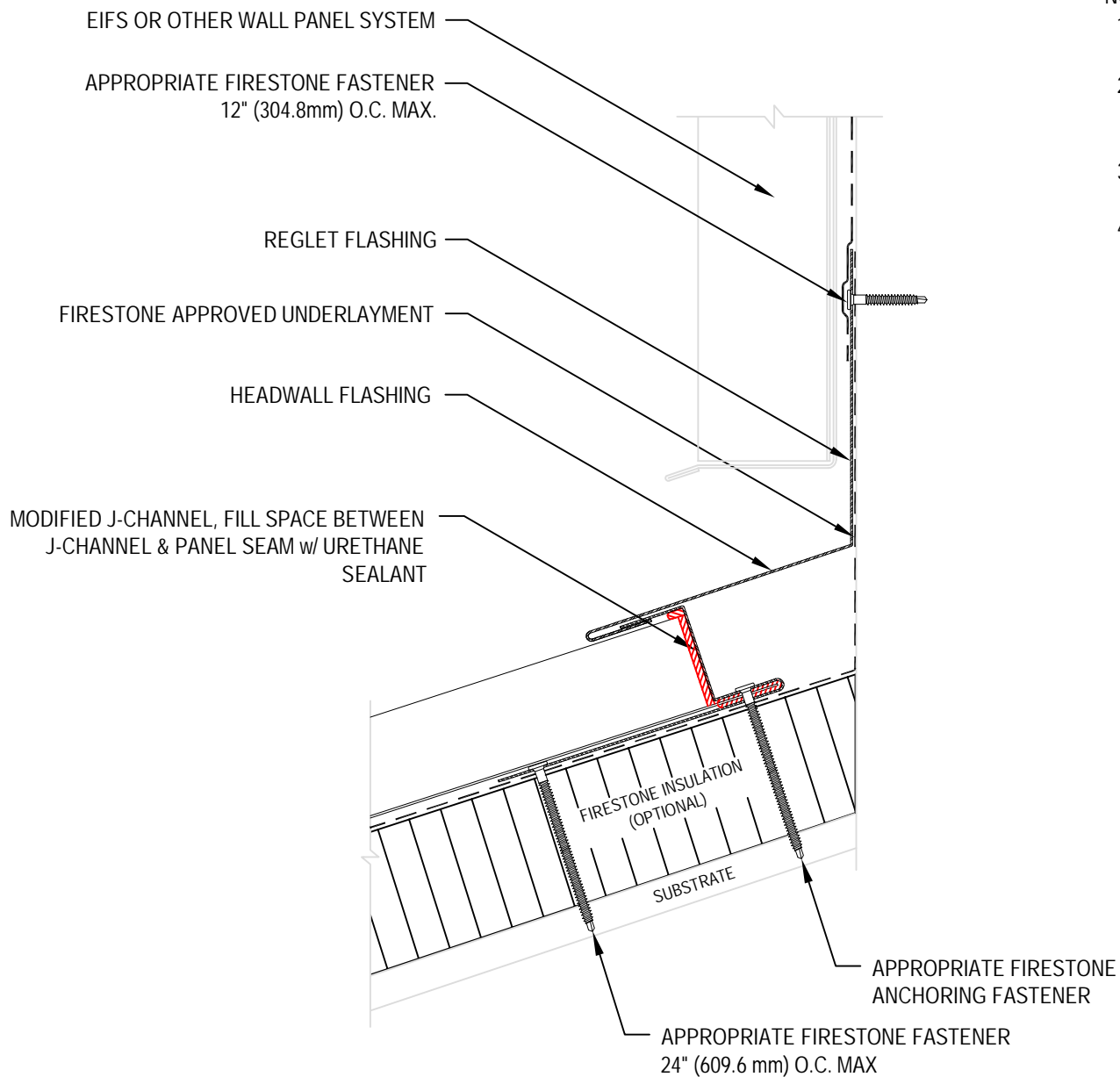
UN-A-CLAD®

ACCEPTABLE SYSTEMS: UC4-RS

ISSUE / REVISION  
DATE: 8/15/2008

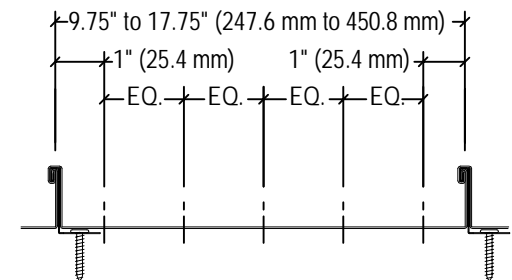
DETAIL NO.  
**4-PB-3**

MAXIMUM WARRANTY: **25 YEARS**



# NOTES:

1. REFER TO FIRESTONE WEBSITE FOR MOST CURRENT INFORMATION.
2. REFER TO TECHNICAL INFORMATION SHEETS FOR FASCIA SIZES, ACCESSORIES, AND FINISHES AVAILABLE.
3. REFER TO THE FIRESTONE TECHNICAL DATABASE FOR FASTENER COMPATIBILITY WITH METAL.
4. APPLICATION DETAILS ARE FOR ILLUSTRATION PURPOSES ONLY AND MAY NOT BE APPROPRIATE FOR ALL BUILDING DESIGNS AND CONDITIONS.



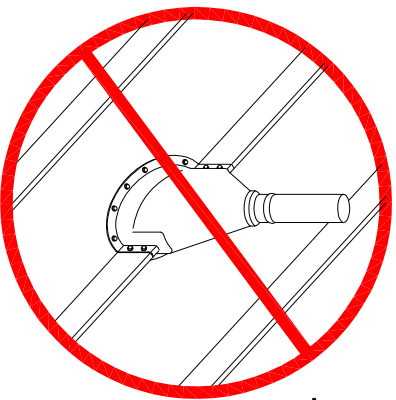
FASTENER SEQUENCE  
FASTENER SPACING NOT TO EXCEED 4" (101.6 mm)

ANCHORING FASTENER PATTERN

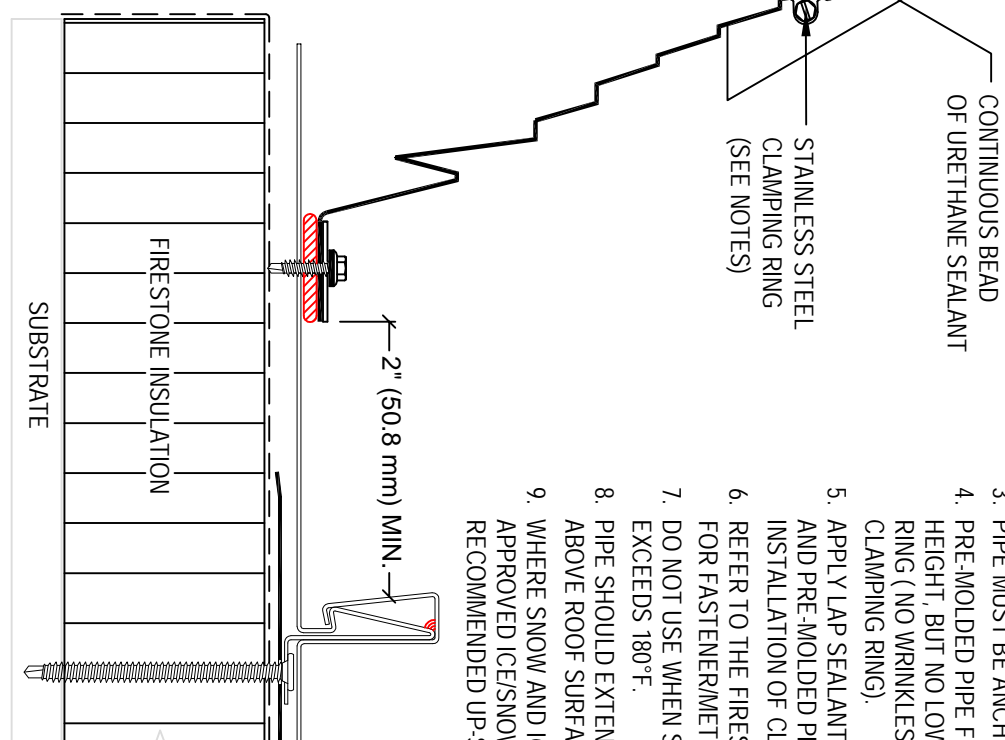
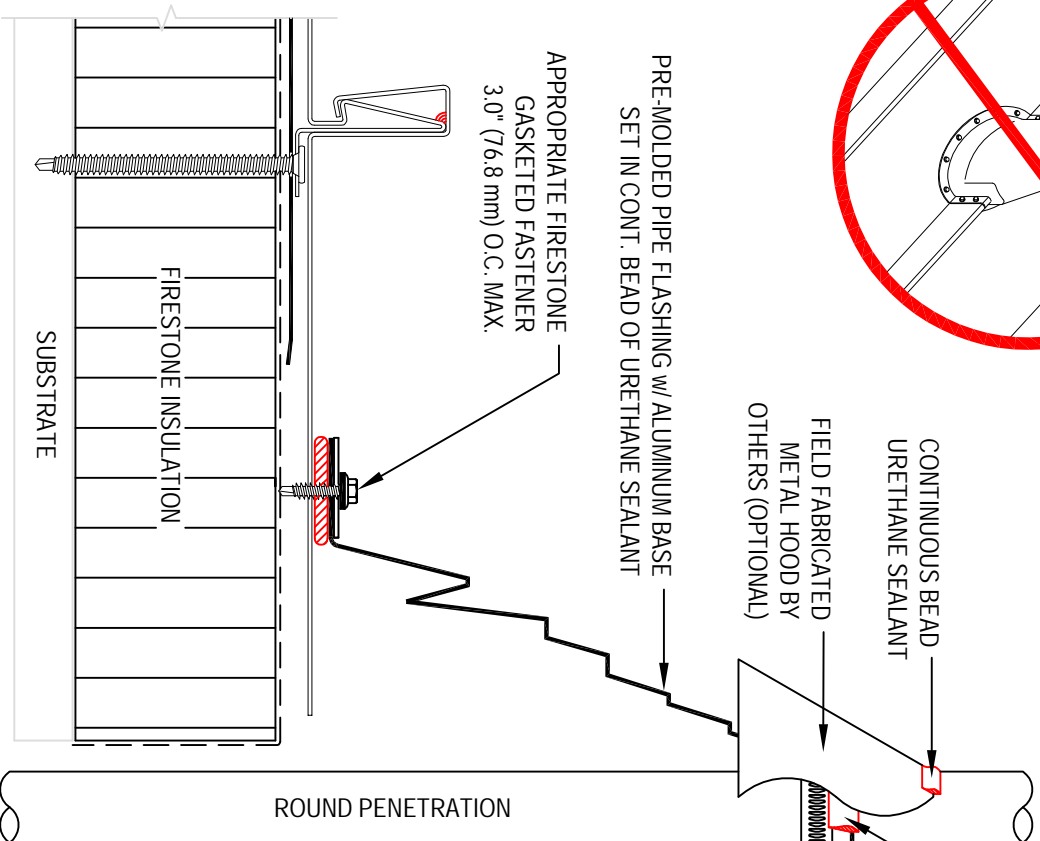
FOR WARRANTY PERIODS GREATER THAN 20 YEARS REFER TO METAL QUICK SPECS FOR MINIMUM REQUIREMENTS.

MAXIMUM WARRANTY: 20 YEARS





UNDER NO CIRCUMSTANCES  
CAN THE PIPE PENETRATE OR  
COME WITHIN 4" (101.6 mm)  
OF THE PANEL SEAM.



NOTES:

1. REFER TO FIRESTONE WEBSITE FOR MOST CURRENT INFORMATION.
2. REMOVE ALL EXISTING FLASHINGS, LEADS, ETC. PIPE SURFACE MUST BE FREE OF ALL RUST, GREASE, INSULATION, ETC.
3. PIPE MUST BE ANCHORED TO ENSURE STABILITY.
4. PRE-MOLDED PIPE FLASHING MAY BE CUT TO HEIGHT, BUT NO LOWER THAN REINFORCING RING (NO WRINKLES OR FOLDS UNDER CLAMPING RING).
5. APPLY LAP SEALANT BETWEEN PENETRATION AND PRE-MOLDED PIPE FLASHING PRIOR TO INSTALLATION OF CLAMPING RING.
6. REFER TO THE FIRESTONE TECHNICAL DATABASE FOR FASTENER/METAL COMPATIBILITY.
7. DO NOT USE WHEN SERVICE LINE TEMP. EXCEEDS 180°F.
8. PIPE SHOULD EXTEND A MINIMUM OF 8" (203.2 mm) ABOVE ROOF SURFACE.
9. WHERE SNOW AND ICE ARE COMMON, FIRESTONE APPROVED ICE/SNOW-DAM PROTECTION IS RECOMMENDED UP-SLOPE OF PENETRATIONS

PENETRATION WITH PIPE FLASHING

UNA-CLAD®

ACCEPTABLE SYSTEMS: UC-4 RS

MAXIMUM WARRANTY: 20 YEARS

ISSUE / REVISION  
DATE:

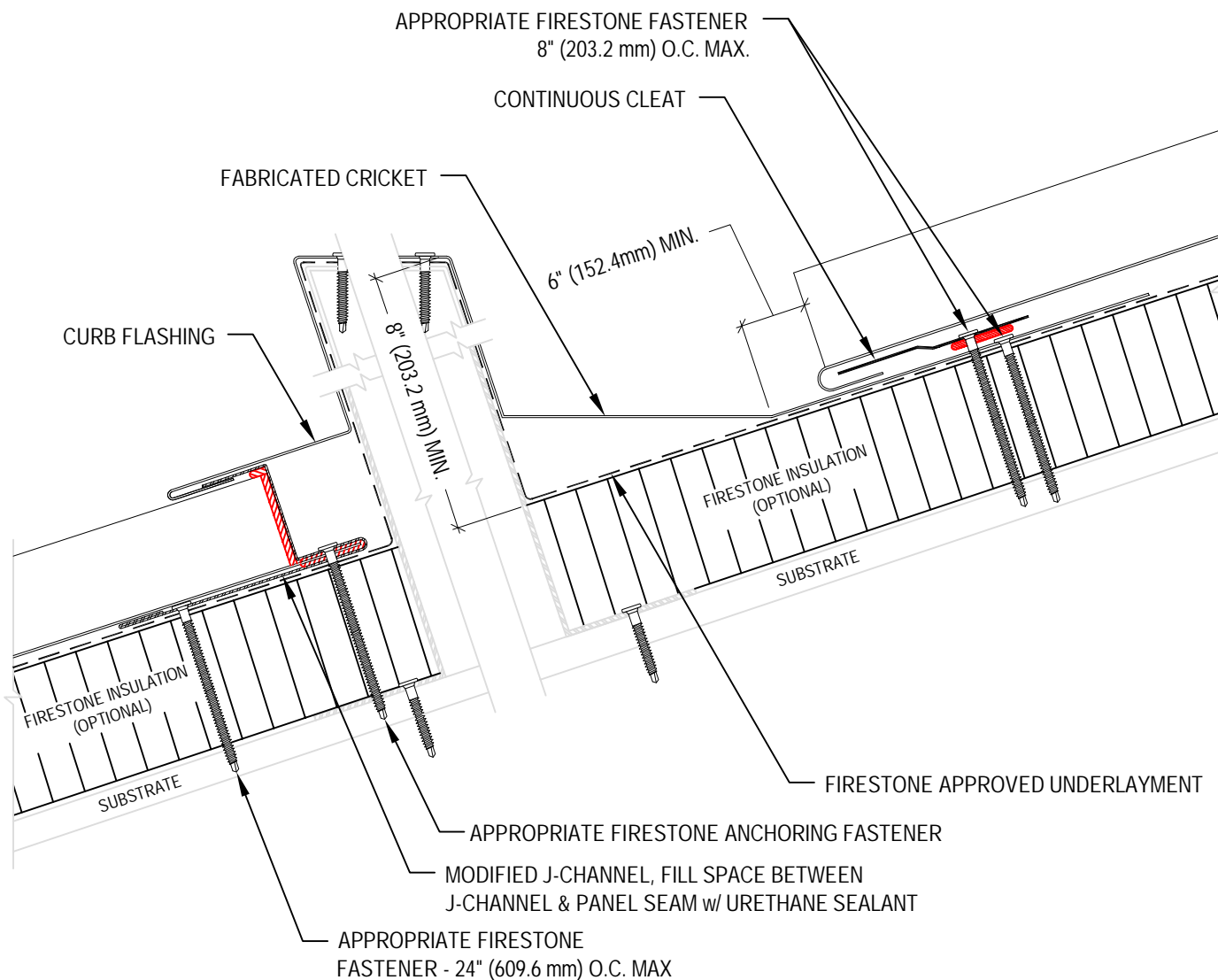
04/18/2017

DETAIL NO.

4-P-1

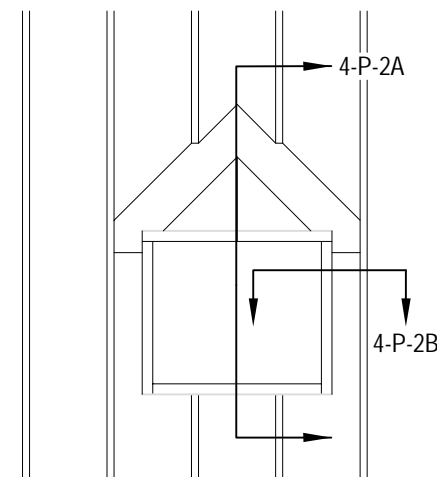
NOT TO SCALE





#### NOTES:

1. REFER TO FIRESTONE WEBSITE FOR MOST CURRENT INFORMATION.
2. REFER TO TECHNICAL INFORMATION SHEETS FOR FASCIA SIZES, ACCESSORIES, AND FINISHES AVAILABLE.
3. REFER TO THE FIRESTONE TECHNICAL DATABASE FOR FASTENER/METAL COMPATIBILITY.
4. APPLICATION DETAILS ARE FOR ILLUSTRATION PURPOSES ONLY AND MAY NOT BE APPROPRIATE FOR ALL BUILDING DESIGNS AND CONDITIONS.
5. REFER TO THE FIRESTONE TECHNICAL DATABASE FOR HEM LENGTH AND REQUIRED DISTANCE BETWEEN THE PANEL & CLEAT.



FOR WARRANTY PERIODS GREATER THAN 20 YEARS REFER TO METAL QUICK SPECS FOR MINIMUM REQUIREMENTS.

MAXIMUM WARRANTY: 20 YEARS

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#### CURB - HIGH & LOW SIDE DETAIL

UNA-CLAD®

ACCEPTABLE SYSTEMS: UC-4 RS

ISSUE / REVISION  
DATE:

08/29/2013

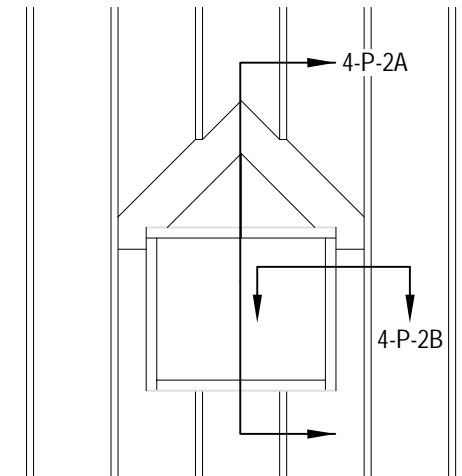
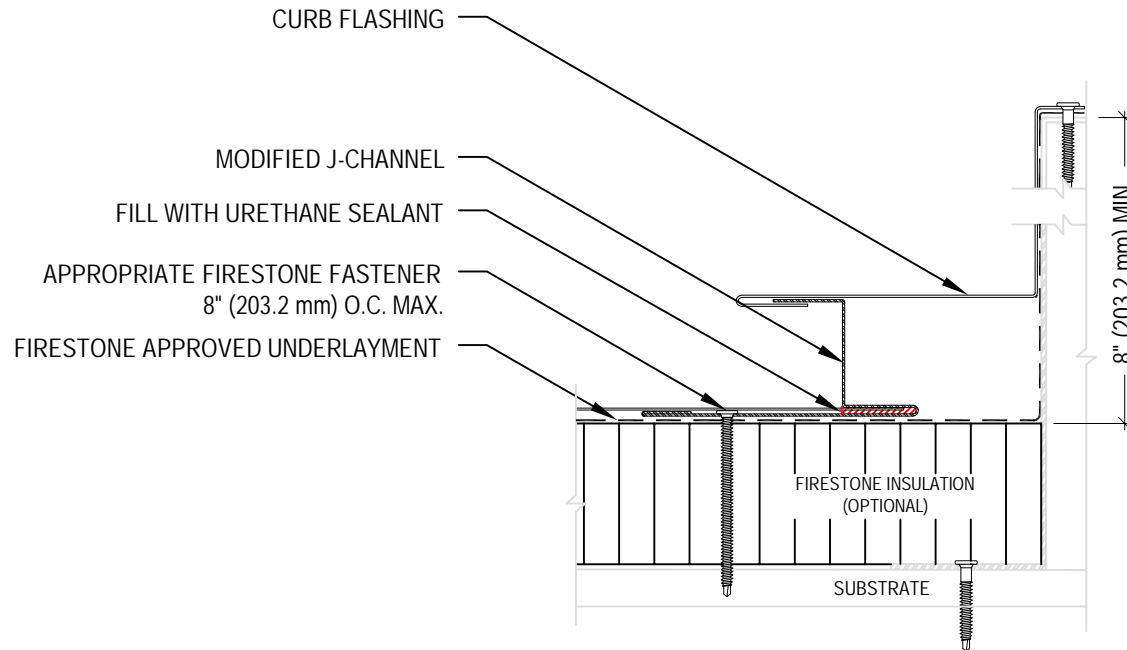
NOT TO SCALE

DETAIL NO.

4-P-2A

NOTES:

1. REFER TO FIRESTONE WEBSITE FOR MOST CURRENT INFORMATION.
2. REFER TO TECHNICAL INFORMATION SHEETS FOR FASCIA SIZES, ACCESSORIES, AND FINISHES AVAILABLE.
3. REFER TO THE FIRESTONE TECHNICAL DATABASE FOR FASTENER/METAL COMPATIBILITY.
4. APPLICATION DETAILS ARE FOR ILLUSTRATION PURPOSES ONLY AND MAY NOT BE APPROPRIATE FOR ALL BUILDING DESIGNS AND CONDITIONS.
5. REFER TO THE FIRESTONE TECHNICAL DATABASE FOR HEM LENGTH AND REQUIRED DISTANCE BETWEEN THE PANEL & CLEAT.



**CURB - RAKE DETAIL**

UNA-CLAD®

ACCEPTABLE SYSTEMS: UC-4 RS

MAXIMUM WARRANTY: 20 YEARS

ISSUE / REVISION  
DATE:

08/30/2013

NOT TO SCALE

DETAIL NO.

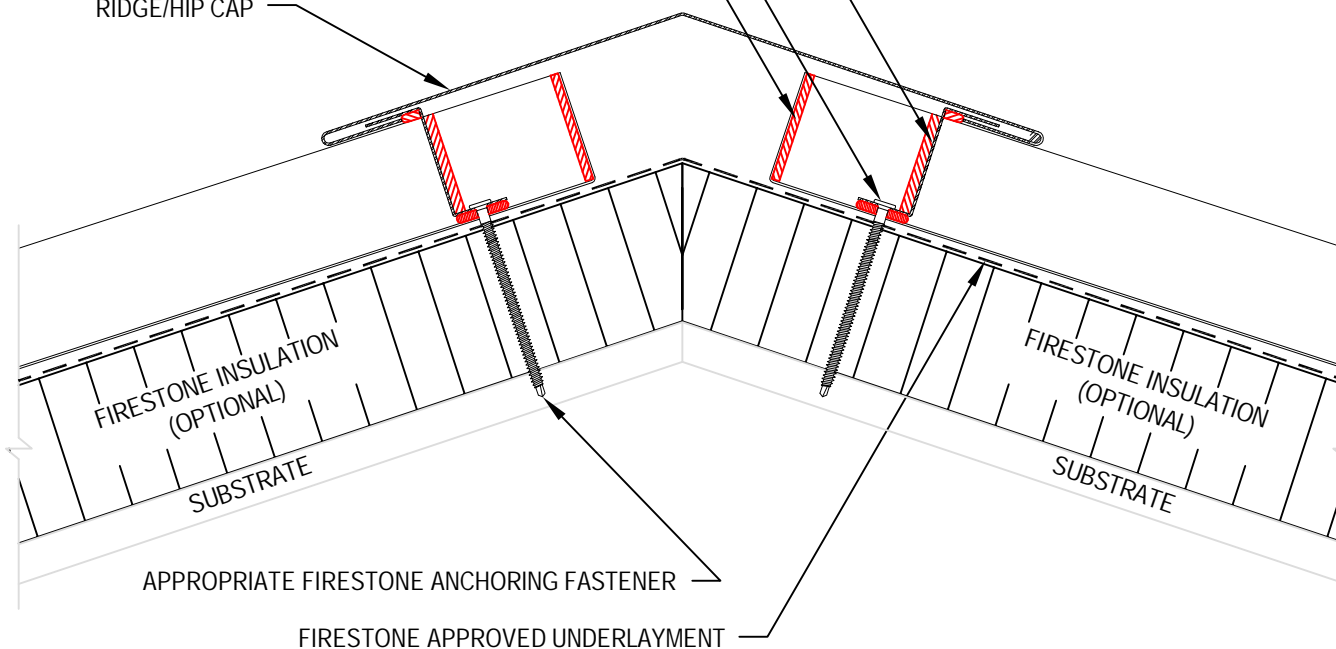
**4-P-2B**

ZEE CLOSURE SET IN 3/16" x 7/8" (4.8 mm x 63.5 mm)  
DOUBLE BEADED BUTYL TAPE, FILL SPACE BETWEEN ZEE &  
PANEL SEAM w/ URETHANE SEALANT

APPROPRIATE FIRESTONE ANCHORING FASTENER

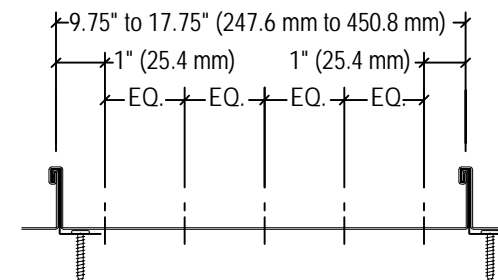
TURN UP LEG AND SEAL w/ URETHANE SEALANT

RIDGE/HIP CAP



#### NOTES:

1. REFER TO FIRESTONE WEBSITE FOR MOST CURRENT INFORMATION.
2. REFER TO TECHNICAL INFORMATION SHEETS FOR FASCIA SIZES, ACCESSORIES, AND FINISHES AVAILABLE.
3. REFER TO THE FIRESTONE TECHNICAL DATABASE FOR FASTENER/METAL COMPATIBILITY.
4. FIELD NOTCH ZEE CLOSURES. SET ZEE CLOSURE IN BUTYL TAPE AND SEAL AROUND REMAINING EDGES OF ZEE WITH URETHANE SEALANT.
5. APPLICATION DETAILS ARE FOR ILLUSTRATION PURPOSES ONLY AND MAY NOT BE APPROPRIATE FOR ALL BUILDING DESIGNS AND CONDITIONS.



FASTENER SEQUENCE  
FASTENER SPACING NOT TO EXCEED 4" (101.6 mm)

ANCHORING FASTENER PATTERN

FOR WARRANTY PERIODS GREATER THAN  
20 YEARS REFER TO METAL QUICK SPECS  
FOR MINIMUM REQUIREMENTS.

MAXIMUM WARRANTY: 20 YEARS

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FIXED HIP OR RIDGE WITH Z-CLOSURE

UNA-CLAD®

ACCEPTABLE SYSTEMS: UC-4 RS

ISSUE / REVISION  
DATE:

08/30/2013

NOT TO SCALE

DETAIL NO.

4-R-1

MODIFIED J-CHANNEL, FILL SPACE BETWEEN J-CHANNEL  
& PANEL SEAM WITH URETHANE SEALANT

APPROPRIATE FIRESTONE ANCHOR FASTENER

RIDGE/HIP CAP

1/4" DIA. BEAD OF  
BUTYL SEALANT

FIRESTONE INSULATION  
(OPTIONAL)  
SUBSTRATE

APPROPRIATE FIRESTONE FASTENER  
24" (609.6 mm) O.C. MAX

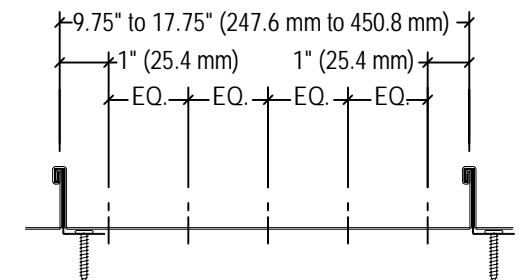
FIRESTONE APPROVED UNDERLAYMENT

APPROPRIATE FIRESTONE FASTENER  
24" (609.6 mm) O.C. MAX

FIRESTONE INSULATION  
(OPTIONAL)  
SUBSTRATE

#### NOTES:

1. REFER TO FIRESTONE WEBSITE FOR MOST CURRENT INFORMATION.
2. REFER TO TECHNICAL INFORMATION SHEETS FOR FASCIA SIZES, ACCESSORIES, AND FINISHES AVAILABLE.
3. WOOD NAILER MUST BE INSTALLED TO MEET APPLICABLE BUILDING CODES OR 200 LBS PER LINEAR FOOT MINIMUM IN ANY GIVEN DIRECTION.
4. REFER TO THE FIRESTONE TECHNICAL DATABASE FOR FASTENER COMPATIBILITY WITH METAL.
5. APPLICATION DETAILS ARE FOR ILLUSTRATION PURPOSES ONLY AND MAY NOT BE APPROPRIATE FOR ALL BUILDING DESIGNS AND CONDITIONS.



FASTENER SEQUENCE  
FASTENER SPACING NOT TO EXCEED 4" (101.6 mm)

ANCHORING FASTENER PATTERN

FOR WARRANTY PERIODS GREATER THAN  
20 YEARS REFER TO METAL QUICK SPECS  
FOR MINIMUM REQUIREMENTS.

MAXIMUM WARRANTY: 20 YEARS

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FIXED HIP OR RIDGE WITH MODIFIED J-CHANNEL

UNA-CLAD®

ACCEPTABLE SYSTEMS: UC-4 RS

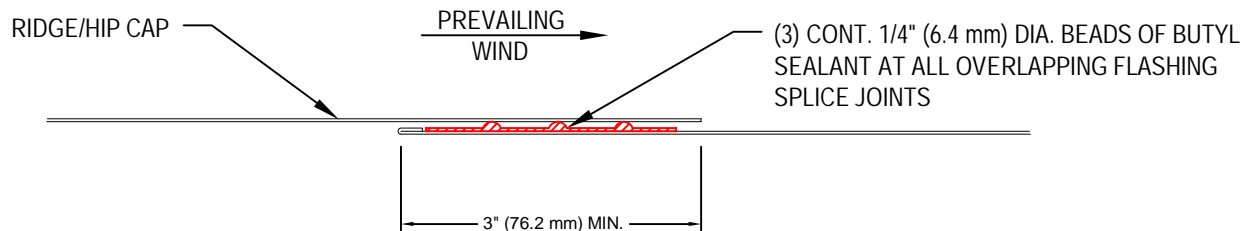
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DATE:

08/30/2013

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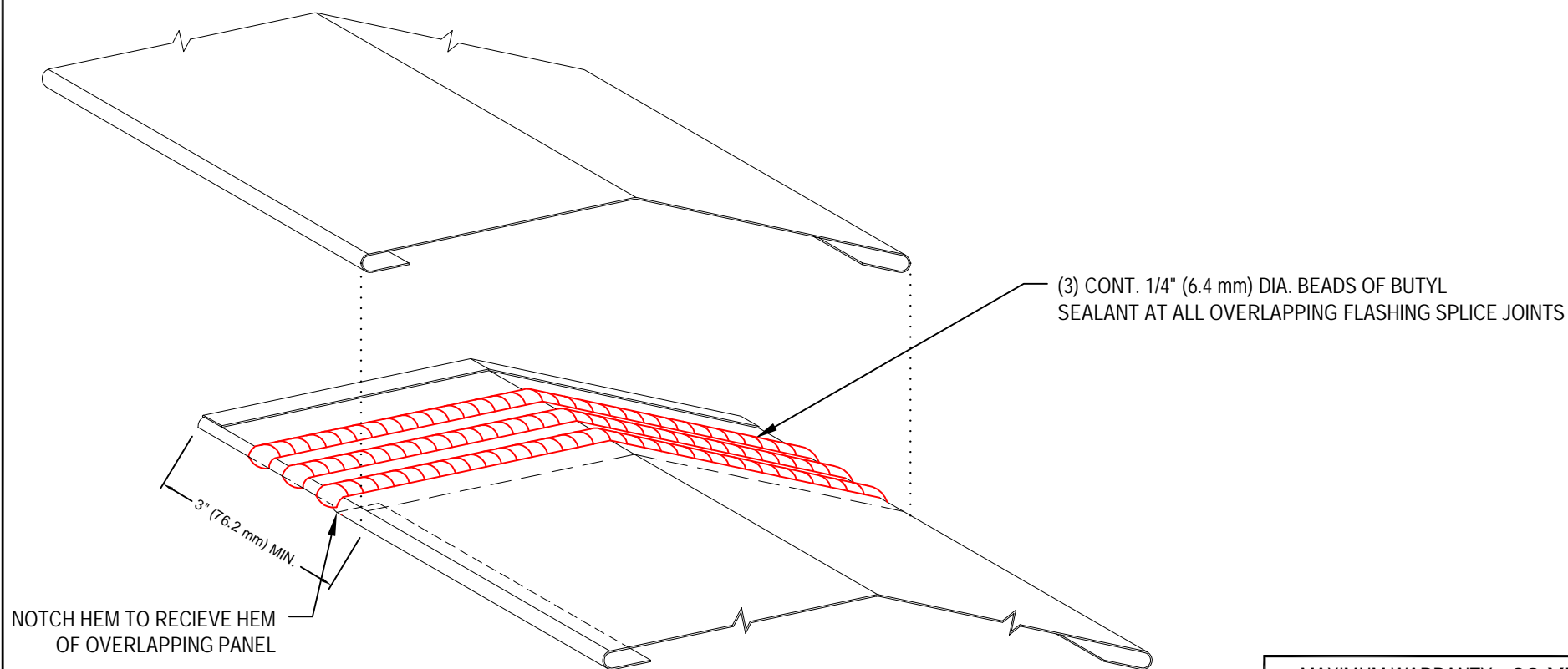
DETAIL NO.

4-R-2



NOTES:

1. REFER TO FIRESTONE WEBSITE FOR MOST CURRENT INFORMATION.
2. REFER TO TECHNICAL INFORMATION SHEETS FOR FASCIA SIZES, ACCESSORIES, AND FINISHES AVAILABLE.
3. REFER TO THE FIRESTONE TECHNICAL DATABASE FOR FASTENER COMPATIBILITY WITH METAL.
4. RIDGE CAPS MUST BE LAPPED WITH THE PREVAILING WINDS.
5. LAPS MAY BE FASTENED WITH FIRESTONE 12-14x1 1/4 STAINLESS STEEL EPDM GASKETED FASTENERS OR STAINLESS STEEL POP RIVETS



MAXIMUM WARRANTY: 20 YEARS

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RIDGE/HIP CAP SPLICE

UNA-CLAD®

ACCEPTABLE SYSTEMS: UC-4 RS

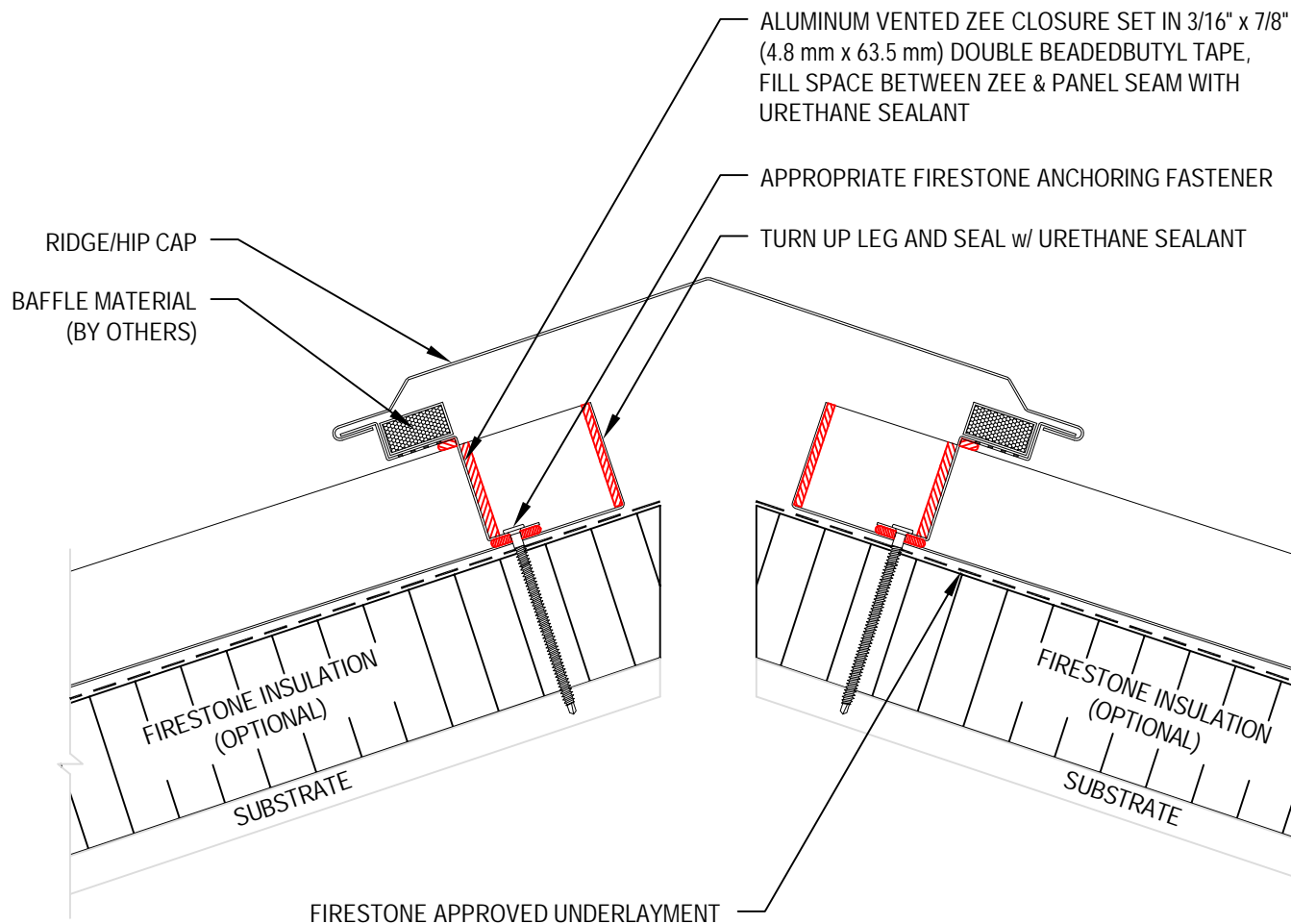
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08/30/2013

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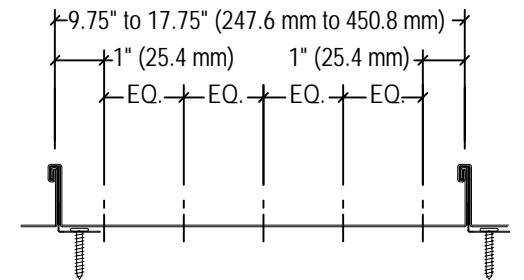
4-R-3



VENTED PARTS ARE ONLY AVAILABLE IN ANOKA DUE TO VENTING  
(PREFERRED TO BE ALUMINUM TO PREVENT PREMATURE RUSTING)

#### NOTES:

1. REFER TO FIRESTONE WEBSITE FOR MOST CURRENT INFORMATION.
2. REFER TO TECHNICAL INFORMATION SHEETS FOR FASCIA SIZES, ACCESSORIES, AND FINISHES AVAILABLE.
3. REFER TO THE FIRESTONE TECHNICAL DATABASE FOR FASTENER/METAL COMPATIBILITY.
4. FIELD NOTCH ZEE CLOSURES. SET ZEE CLOSURE IN BUTYL TAPE AND SEAL AROUND REMAINING EDGES OF ZEE WITH URETHANE SEALANT.
5. APPLICATION DETAILS ARE FOR ILLUSTRATION PURPOSES ONLY AND MAY NOT BE APPROPRIATE FOR ALL BUILDING DESIGNS AND CONDITIONS.



FASTENER SEQUENCE  
FASTENER SPACING NOT TO EXCEED 4" (101.6 mm)

ANCHORING FASTENER PATTERN

FOR WARRANTY PERIODS GREATER THAN  
20 YEARS REFER TO METAL QUICK SPECS  
FOR MINIMUM REQUIREMENTS.

MAXIMUM WARRANTY: **20 YEARS**

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### VENTED FIXED RIDGE WITH Z-CLOSURE

UNA-CLAD®

ACCEPTABLE SYSTEMS: UC-4 RS

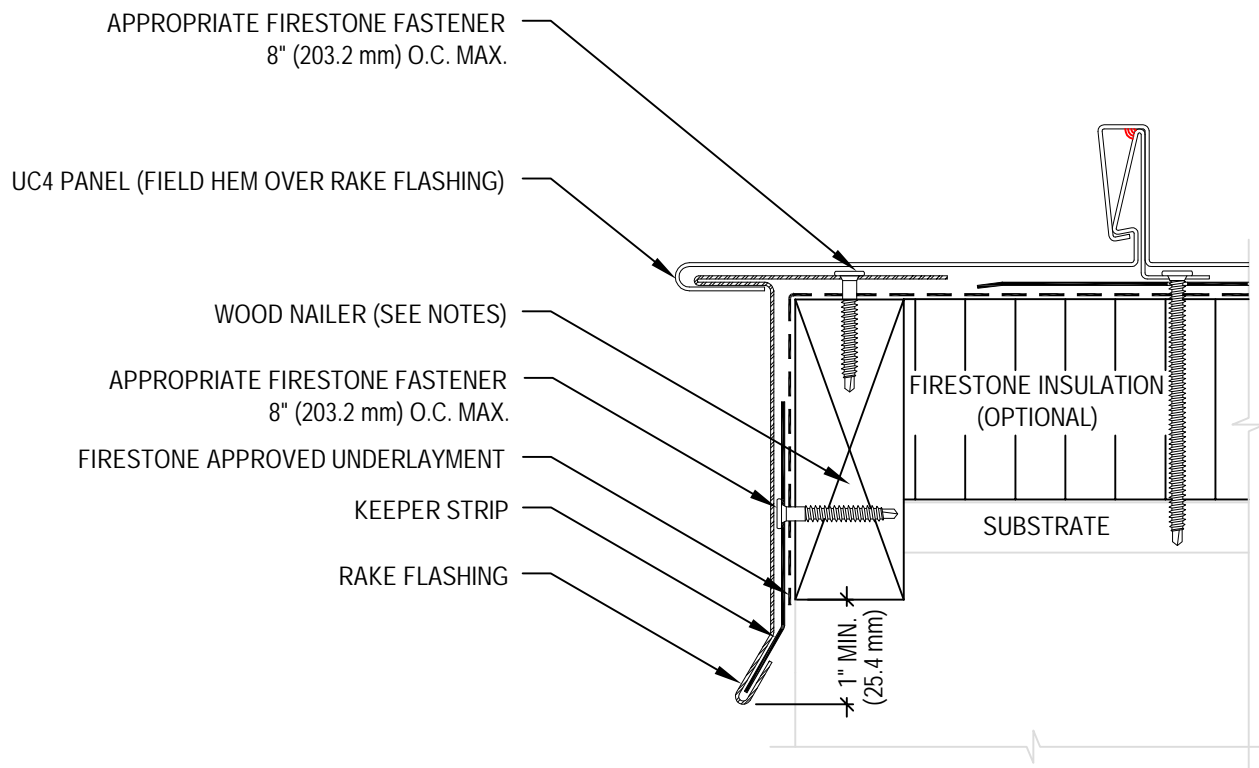
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DETAIL NO.

**4-R-5**



# NOTES:

1. REFER TO FIRESTONE WEBSITE FOR MOST CURRENT INFORMATION.
2. REFER TO TECHNICAL INFORMATION SHEETS FOR FASCIA SIZES, ACCESSORIES, AND FINISHES AVAILABLE.
3. REFER TO THE FIRESTONE TECHNICAL DATABASE FOR FASTENER/METAL COMPATIBILITY.
4. WOOD NAILER MUST BE INSTALLED TO MEET APPLICABLE BUILDING CODES OR 200 LBS PER LINEAR FOOT MINIMUM IN ANY GIVEN DIRECTION.
5. APPLICATION DETAILS ARE FOR ILLUSTRATION PURPOSES ONLY AND MAY NOT BE APPROPRIATE FOR ALL BUILDING DESIGNS AND CONDITIONS.

FOR WARRANTY PERIODS GREATER THAN 20 YEARS REFER TO METAL QUICK SPECS FOR MINIMUM REQUIREMENTS.

MAXIMUM WARRANTY: 20 YEARS

## RAKE WITH HEMMED PANEL EDGE

UNA-CLAD®

ACCEPTABLE SYSTEMS: UC-4 RS

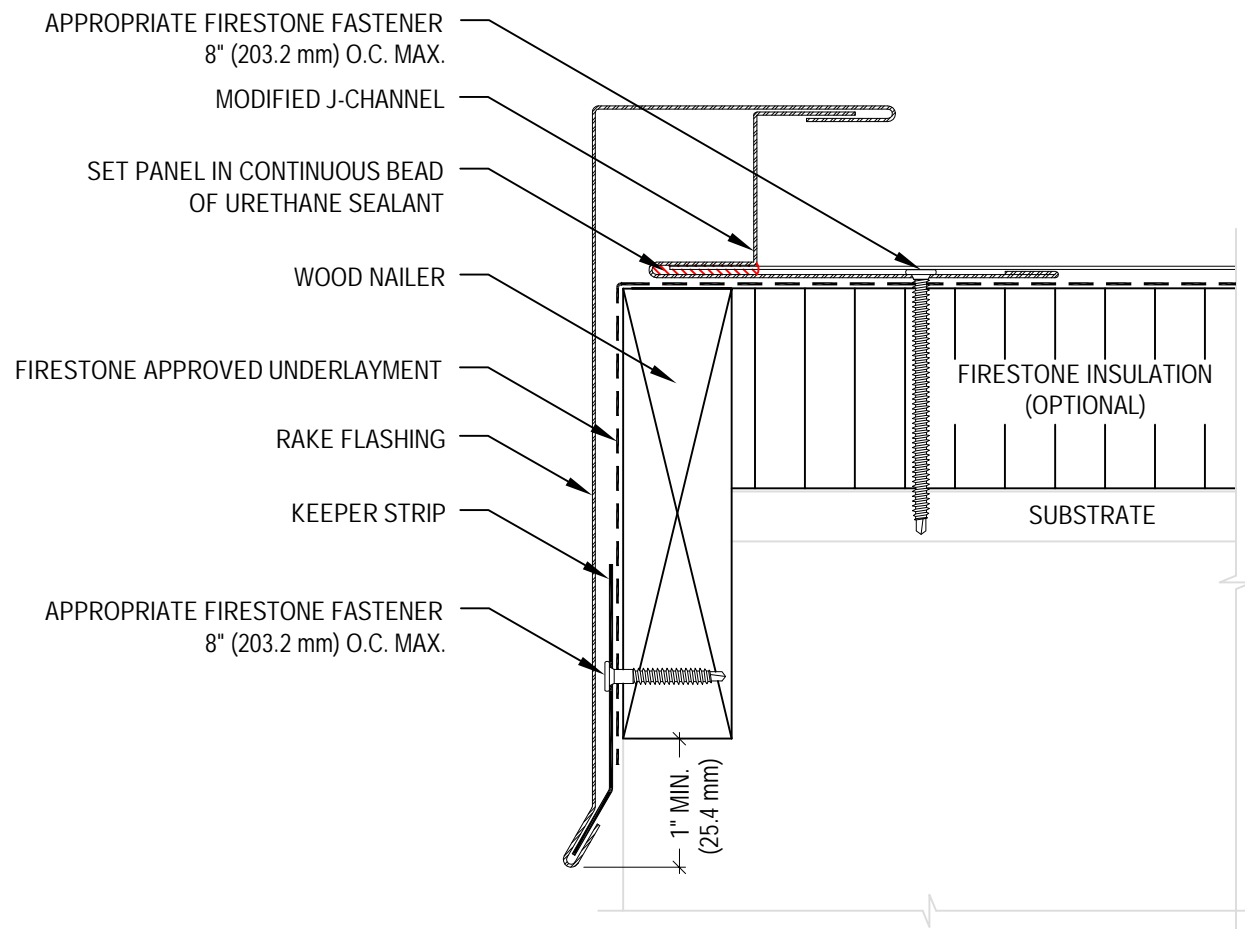
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DETAIL NO.

4-RK-1



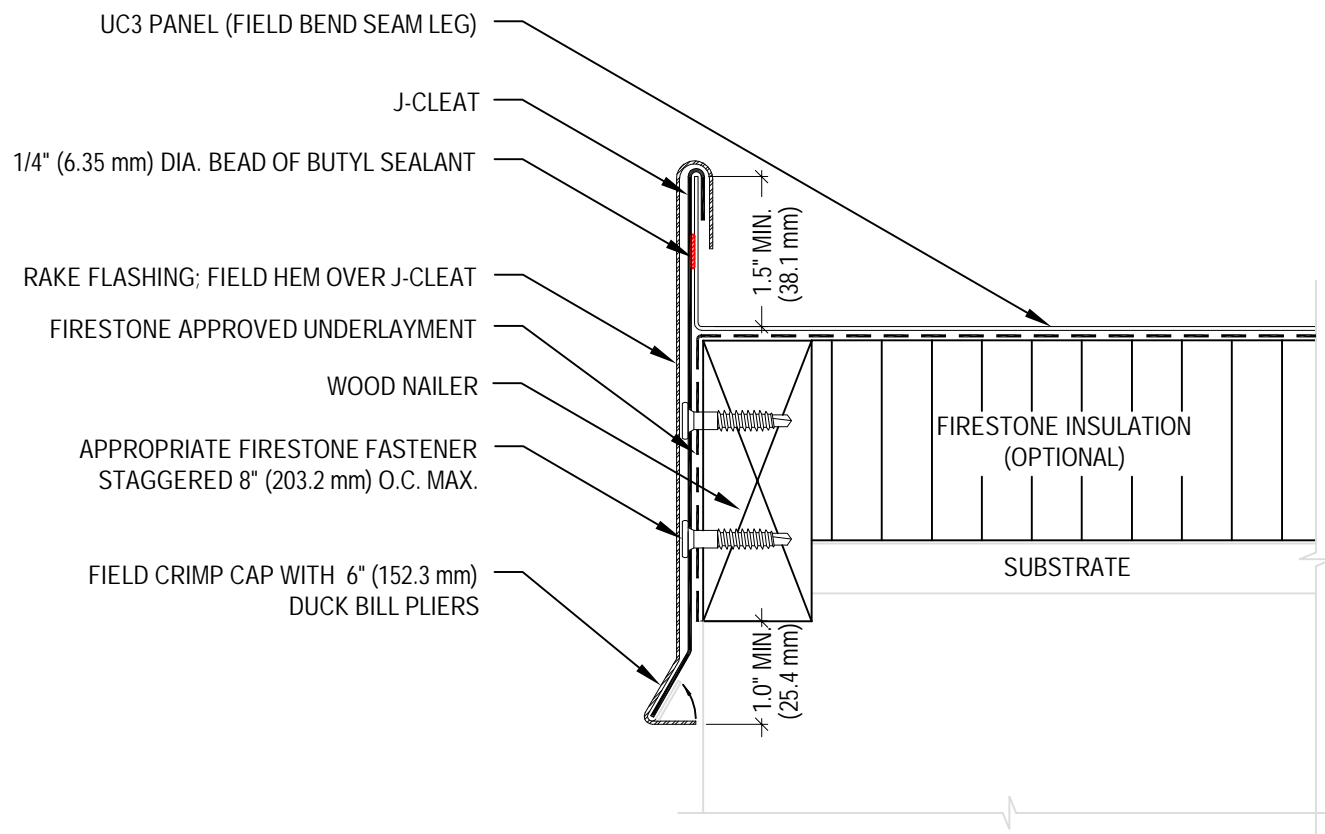
NOTES:

1. REFER TO FIRESTONE WEBSITE FOR MOST CURRENT INFORMATION.
2. REFER TO TECHNICAL INFORMATION SHEETS FOR FASCIA SIZES, ACCESSORIES, AND FINISHES AVAILABLE.
3. REFER TO THE FIRESTONE TECHNICAL DATABASE FOR FASTENER/METAL COMPATIBILITY.
4. WOOD NAILER MUST BE INSTALLED TO MEET APPLICABLE BUILDING CODES OR 200 LBS PER LINEAR FOOT MINIMUM IN ANY GIVEN DIRECTION.
5. APPLICATION DETAILS ARE FOR ILLUSTRATION PURPOSES ONLY AND MAY NOT BE APPROPRIATE FOR ALL BUILDING DESIGNS AND CONDITIONS.

FOR WARRANTY PERIODS GREATER THAN 20 YEARS REFER TO METAL QUICK SPECS FOR MINIMUM REQUIREMENTS.

MAXIMUM WARRANTY: 20 YEARS





#### NOTES:

1. REFER TO FIRESTONE WEBSITE FOR MOST CURRENT INFORMATION.
2. REFER TO TECHNICAL INFORMATION SHEETS FOR FASCIA SIZES, ACCESSORIES, AND FINISHES AVAILABLE.
3. REFER TO THE FIRESTONE TECHNICAL DATABASE FOR FASTENER/METAL COMPATIBILITY.
4. WOOD NAILER MUST BE INSTALLED TO MEET APPLICABLE BUILDING CODES OR 200 LBS PER LINEAR FOOT MINIMUM IN ANY GIVEN DIRECTION.
5. APPLICATION DETAILS ARE FOR ILLUSTRATION PURPOSES ONLY AND MAY NOT BE APPROPRIATE FOR ALL BUILDING DESIGNS AND CONDITIONS.

FOR WARRANTY PERIODS GREATER THAN 20 YEARS REFER TO METAL QUICK SPECS FOR MINIMUM REQUIREMENTS.

MAXIMUM WARRANTY: **20 YEARS**

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#### RAKE EDGE WITH J-CLEAT

UNA-CLAD®

ACCEPTABLE SYSTEMS: UC-4 RS

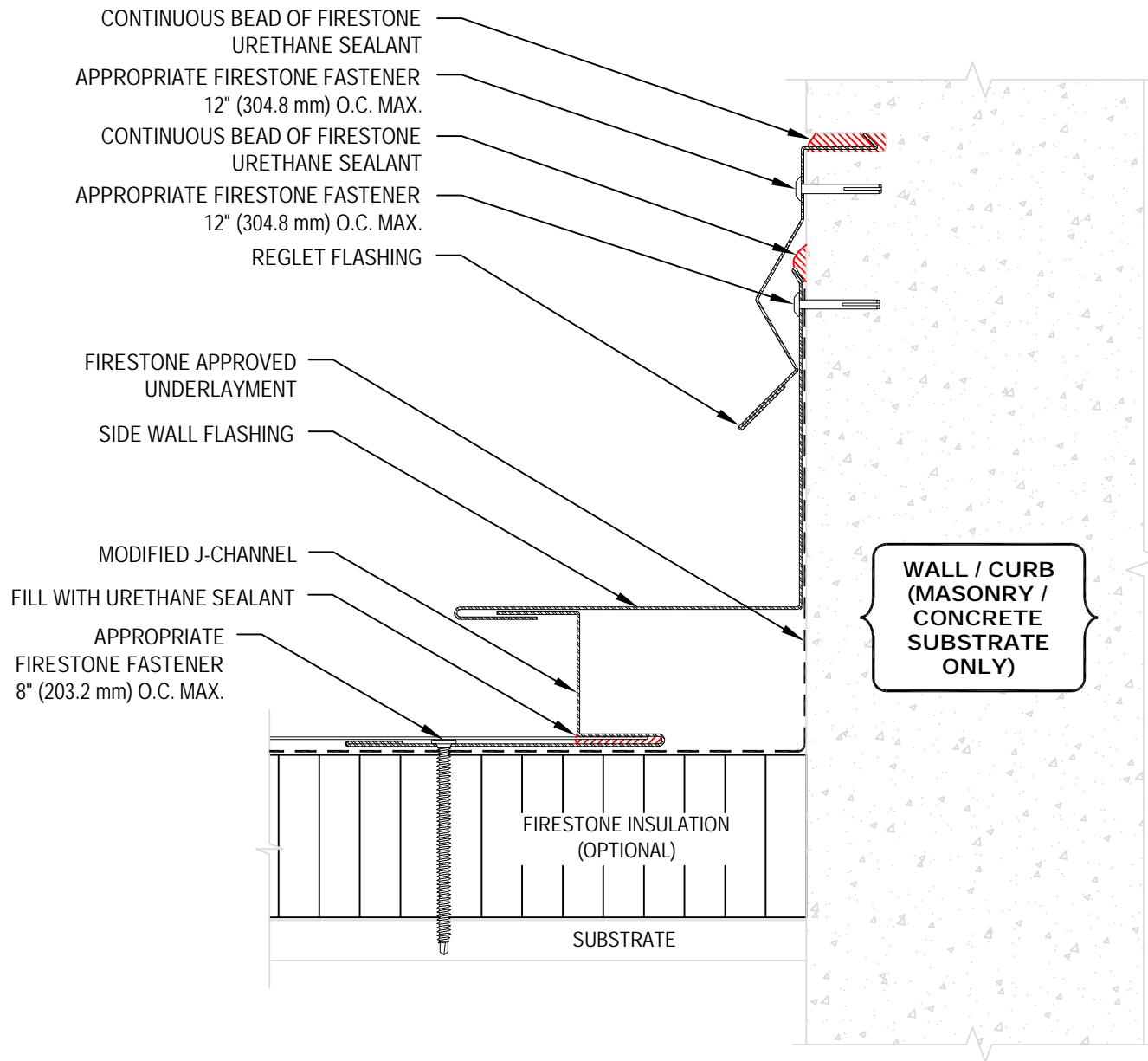
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DETAIL NO.

**4-RK-3**



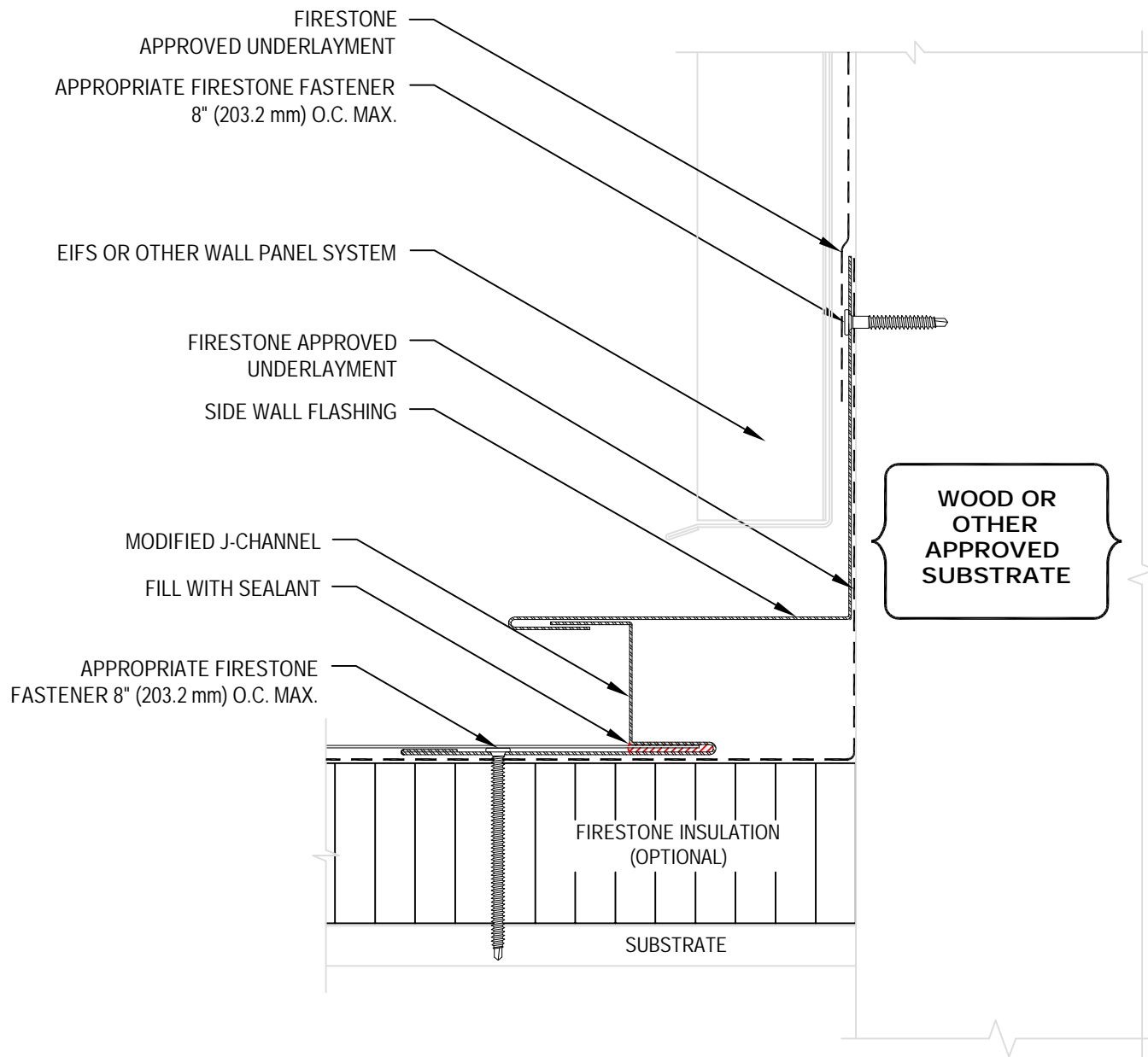
NOTES:

1. REFER TO FIRESTONE WEBSITE FOR MOST CURRENT INFORMATION.
2. REFER TO TECHNICAL INFORMATION SHEETS FOR FASCIA SIZES, ACCESSORIES, AND FINISHES AVAILABLE.
3. REFER TO THE FIRESTONE TECHNICAL DATABASE FOR FASTENER/METAL COMPATIBILITY.
4. APPLICATION DETAILS ARE FOR ILLUSTRATION PURPOSES ONLY AND MAY NOT BE APPROPRIATE FOR ALL BUILDING DESIGNS AND CONDITIONS.

**MASONRY AND CONCRETE WALLS / CURBS MUST BE WATERPROOFED AND MAINTAINED IN ORDER FOR ANY SURFACE MOUNTED TERMINATION TO BE EFFECTIVE.**

FOR WARRANTY PERIODS GREATER THAN 20 YEARS REFER TO METAL QUICK SPECS FOR MINIMUM REQUIREMENTS.

MAXIMUM WARRANTY: 20 YEARS



NOTES:

1. REFER TO FIRESTONE WEBSITE FOR MOST CURRENT INFORMATION.
2. REFER TO TECHNICAL INFORMATION SHEETS FOR FASCIA SIZES, ACCESSORIES, AND FINISHES AVAILABLE.
3. REFER TO THE FIRESTONE TECHNICAL DATABASE FOR FASTENER/METAL COMPATIBILITY.
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FOR WARRANTY PERIODS GREATER THAN 20 YEARS REFER TO METAL QUICK SPECS FOR MINIMUM REQUIREMENTS.

MAXIMUM WARRANTY: 20 YEARS

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SIDEWALL FLASHING W/ MOD.J-CHANNEL AT EIFS / WALL PANEL

UNA-CLAD®

ACCEPTABLE SYSTEMS: UC-4 RS

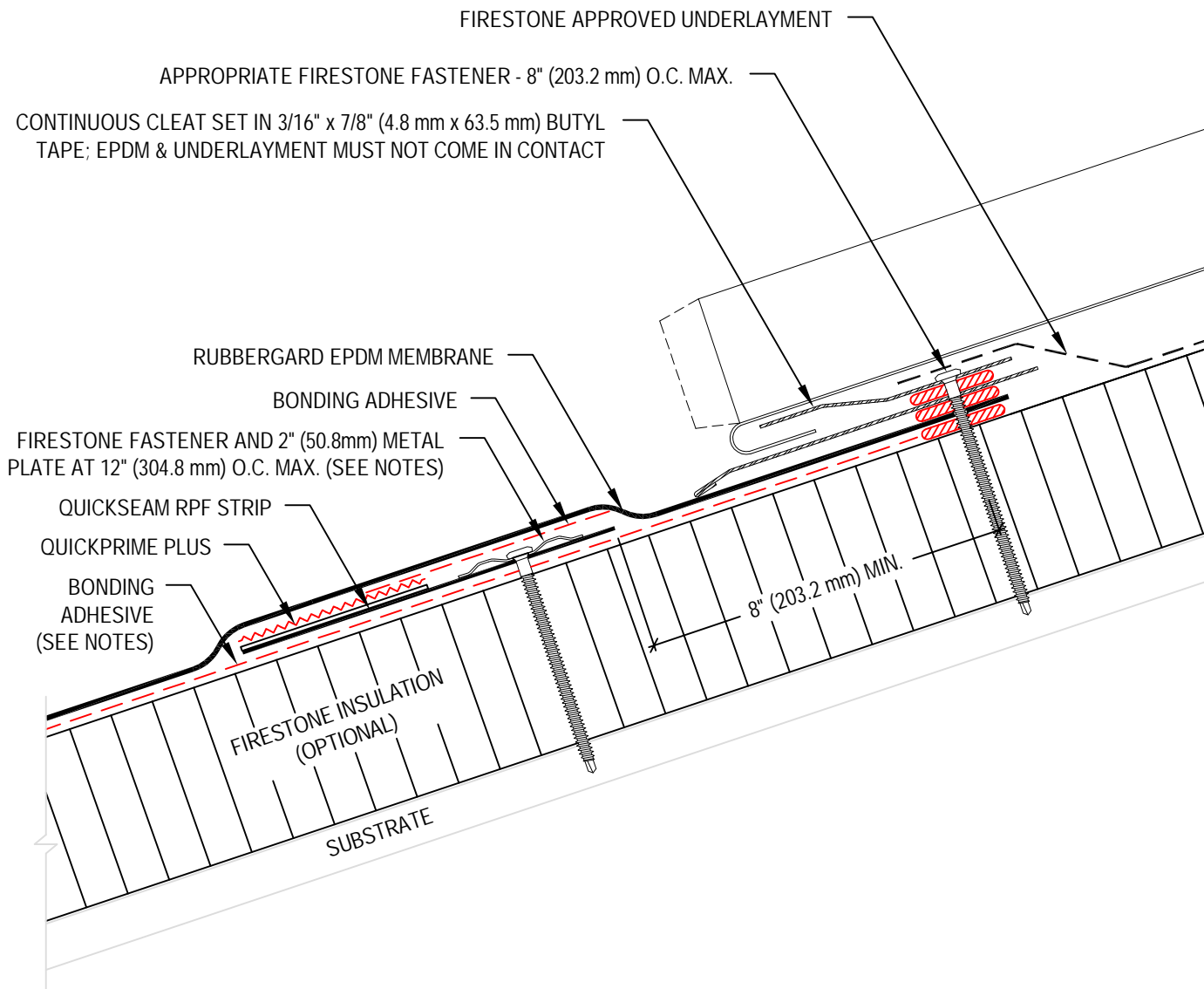
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08/30/2013

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DETAIL NO.

4-SW-2

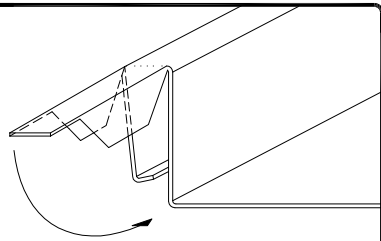


#### NOTES:

1. REFER TO FIRESTONE WEBSITE FOR MOST CURRENT INFORMATION.
2. REFER TO TECHNICAL INFORMATION SHEETS FOR FASCIA SIZES, ACCESSORIES, AND FINISHES AVAILABLE.
3. WOOD NAILER MUST BE INSTALLED TO MEET APPLICABLE BUILDING CODES OR 200 LBS PER LINEAR FOOT MINIMUM IN ANY GIVEN DIRECTION. LINEAR FOOT MINIMUM IN ANY GIVEN DIRECTION.
4. MAXIMUM 6" (152.4 mm) LONG FASTENERS. (NOTE: WOOD BLOCKING MAY BE SUBSTITUTED FOR INSULATION TO REDUCE FASTENER LENGTH REQUIREMENT).
5. BONDING ADHESIVE REQUIRED BETWEEN MEMBRANE AND INSULATION FOR FULLY ADHERED SYSTEMS.
6. REFER TO THE FIRESTONE TECHNICAL DATABASE FOR FASTENER/METAL COMPATIBILITY, HEM LENGTH AND REQUIRED DISTANCE BETWEEN THE PANEL AND CLEAT.
7. APPLICATION DETAILS ARE FOR ILLUSTRATION PURPOSES ONLY AND MAY NOT BE APPROPRIATE FOR ALL BUILDING DESIGNS AND CONDITIONS.

FOR WARRANTY PERIODS GREATER THAN 20 YEARS REFER TO METAL QUICK SPECS FOR MINIMUM REQUIREMENTS.

MAXIMUM WARRANTY: **20 YEARS**



### SNAP-LOCK END CLOSURE

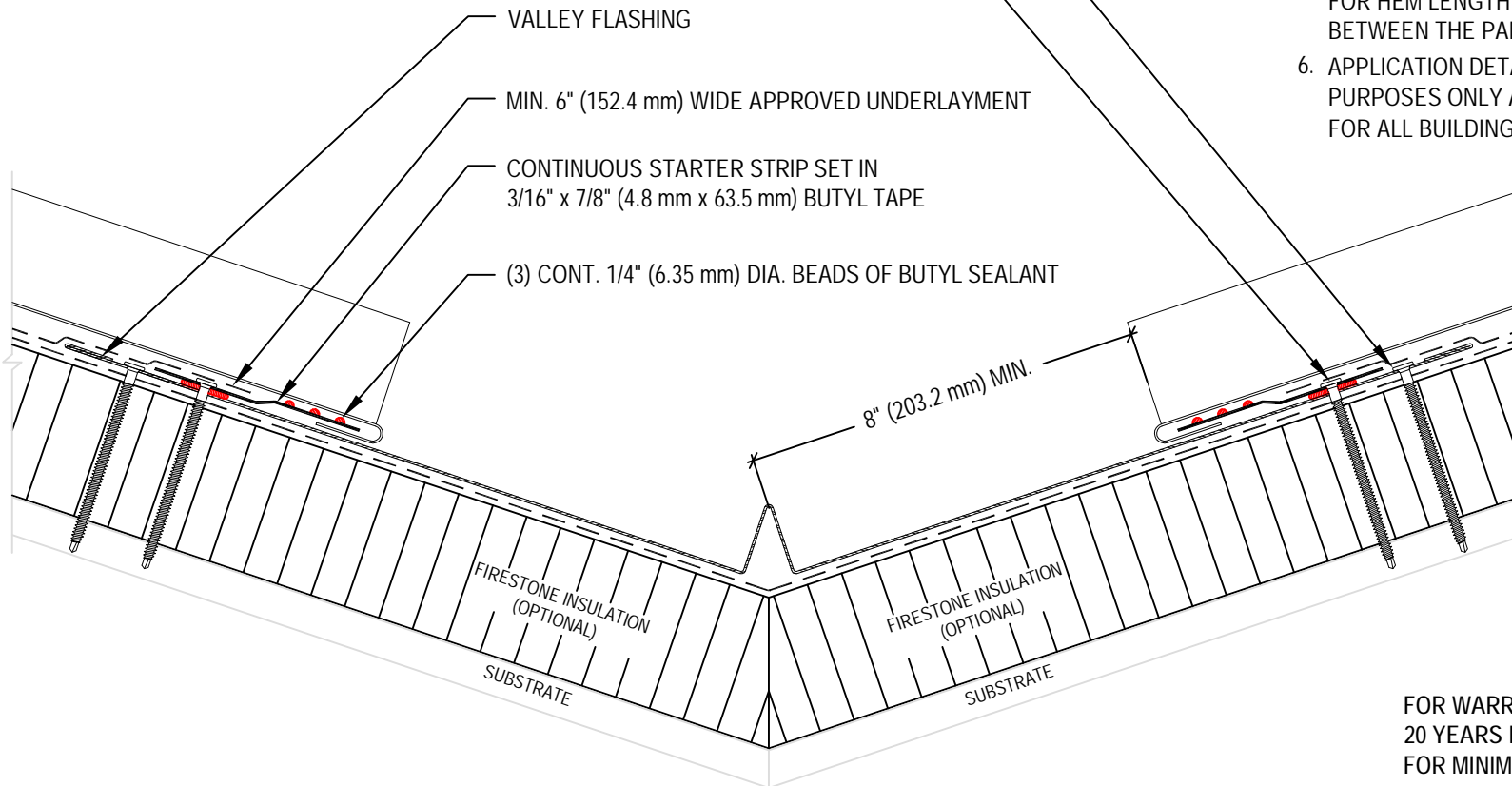
1. FIELD TRIM SNAP LOCK END
2. FOLD DOWN TO CLOSE

APPROPRIATE FIRESTONE FASTENER  
24" (609.6 mm) O.C. MAX.

APPROPRIATE FIRESTONE FASTENER  
8" (203.2 mm) O.C. MAX.

### NOTES:

1. REFER TO FIRESTONE WEBSITE FOR MOST CURRENT INFORMATION.
2. REFER TO TECHNICAL INFORMATION SHEETS FOR FASCIA SIZES, ACCESSORIES, AND FINISHES AVAILABLE.
3. WOOD NAILER MUST BE INSTALLED TO MEET APPLICABLE BUILDING CODES OR 200 LBS PER LINEAR FOOT MINIMUM IN ANY GIVEN DIRECTION.
4. REFER TO THE FIRESTONE TECHNICAL DATABASE FOR FASTENER COMPATIBILITY WITH METAL.
5. REFER TO THE FIRESTONE TECHNICAL DATABASE FOR HEM LENGTH AND REQUIRED DISTANCE BETWEEN THE PANEL AND CLEAT.
6. APPLICATION DETAILS ARE FOR ILLUSTRATION PURPOSES ONLY AND MAY NOT BE APPROPRIATE FOR ALL BUILDING DESIGNS AND CONDITIONS.



FOR WARRANTY PERIODS GREATER THAN 20 YEARS REFER TO METAL QUICK SPECS FOR MINIMUM REQUIREMENTS.

MAXIMUM WARRANTY: **20 YEARS**

## VALLEY WITH CONTINUOUS CLEAT

UNA-CLAD®

ACCEPTABLE SYSTEMS: UC-4 RS

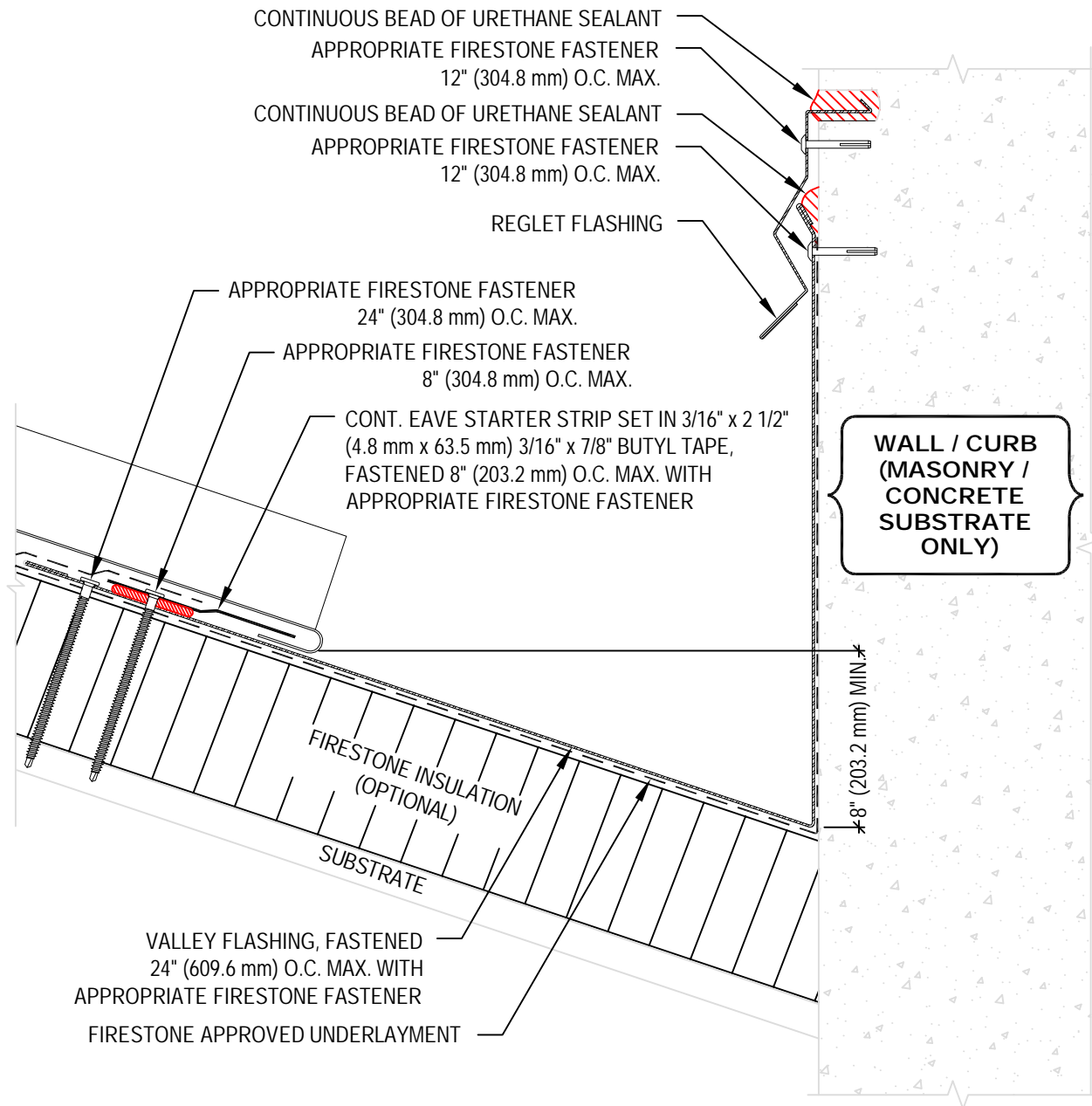
ISSUE / REVISION  
DATE:

08/30/2013

NOT TO SCALE

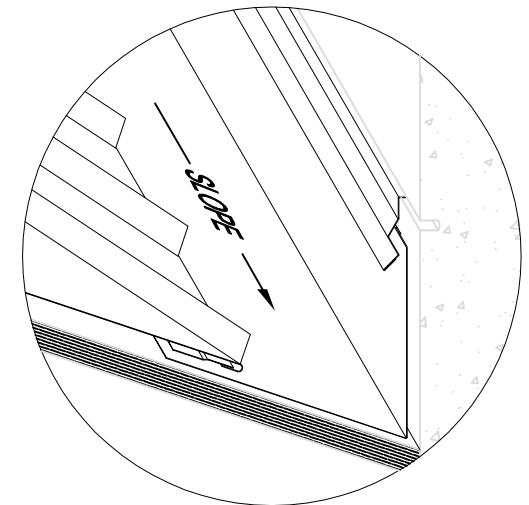
DETAIL NO.

**4-V-1**



#### NOTES:

1. REFER TO FIRESTONE WEBSITE FOR MOST CURRENT INFORMATION.
2. REFER TO TECHNICAL INFORMATION SHEETS FOR FASCIA SIZES, ACCESSORIES, AND FINISHES AVAILABLE.
3. WOOD NAILER MUST BE INSTALLED TO MEET APPLICABLE BUILDING CODES OR 200 LBS PER LINEAR FOOT MINIMUM IN ANY GIVEN DIRECTION.
4. REFER TO THE FIRESTONE TECHNICAL DATABASE FOR FASTENER COMPATIBILITY WITH METAL.
5. REFER TO THE FIRESTONE TECHNICAL DATABASE FOR HEM LENGTH AND REQUIRED DISTANCE BETWEEN THE PANEL AND CLEAT.
6. APPLICATION DETAILS ARE FOR ILLUSTRATION PURPOSES ONLY AND MAY NOT BE APPROPRIATE FOR ALL BUILDING DESIGNS AND CONDITIONS.



FOR WARRANTY PERIODS GREATER THAN 20 YEARS REFER TO METAL QUICK SPECS FOR MINIMUM REQUIREMENTS.

MAXIMUM WARRANTY: **20 YEARS**

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#### VALLEY AT RAKE WALL

UNA-CLAD®

ACCEPTABLE SYSTEMS: UC-4 RS

ISSUE / REVISION  
DATE:

08/30/2013

NOT TO SCALE

DETAIL NO.

**4-V-3**