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or LE or raivorab	STAGGERED ENDLAP		
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CI-EV-02-KINGRIB	LOW EAVE W/O GOTTEN		
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CI-KK-01-KINGRIB			
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CI-WR-01-KINGRIB	WALL TO ROOF HIGH EAVE	_	
CI-WR-02-KINGRIB	CONCRETE WALL TO HIGH EAVE	_	
CI-WR-03-KINGRIB	WALL TO RAKE		
CI-WR-04-KINGRIB	CONCRETE WALL TO ROOF		

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#### DISCLAIMER:

THESE DETAILS ARE PROVIDED AS A GUIDELINE FOR PROPER PANEL AND ASSOCIATED COMPONENT INSTALLATION. AND ARE BASED ON INDUSTRY ACCEPTED PRACTICES.

LOCATION OF VAPOR BARRIERS AND ASSOCIATED SEALANTS IN THESE DETAILS ARE BASED ON TYPICAL DESIGN PRACTICES FOR MOST U.S. CLIMACTIC ZONES. (THE PRIMARY VAPOR BARRIER IS PLACED ON THE "WARM" SIDE IN WINTER).

PROJECTS LOCATED IN SPECIFIC 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: 1.5" (NON-STANDARD)

2.5", 4", 5", 6"

STEEL GAUGES:

EXTERIOR: 26 (STANDARD)

22, 24 (OPTIONAL)

INTERIOR: 26 (STANDARD) 22, 24 (OPTIONAL)

**MODULE WIDTH:** 

40"

**PANEL ORIENTATION:** 

ROOF

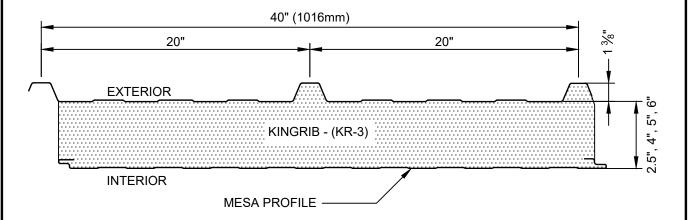
**EMBOSSING:** 

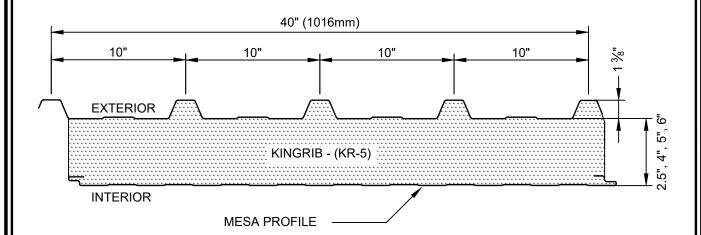
EXTERIOR: STUCCO / NON-EMBOSSED INTERIOR: STUCCO / NON-EMBOSSED

LENGTHS:

MINIMUM: 8'-0" MAXIMUM: 59'-0"

(MAXIMUM ALLOWABLE LENGTH SUBJECT TO SOLAR LOAD TABLE)





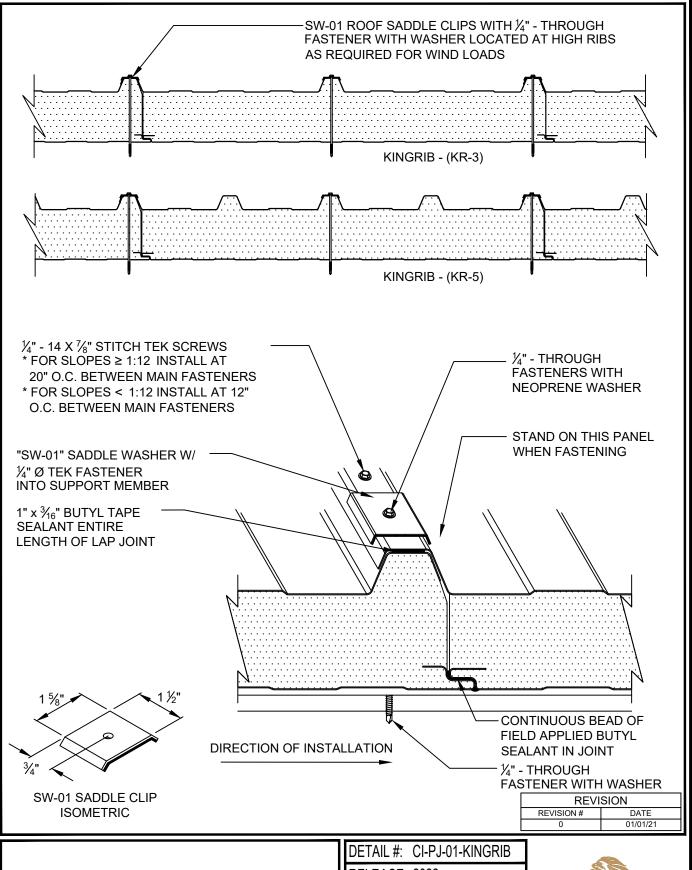
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PANEL PROFILE

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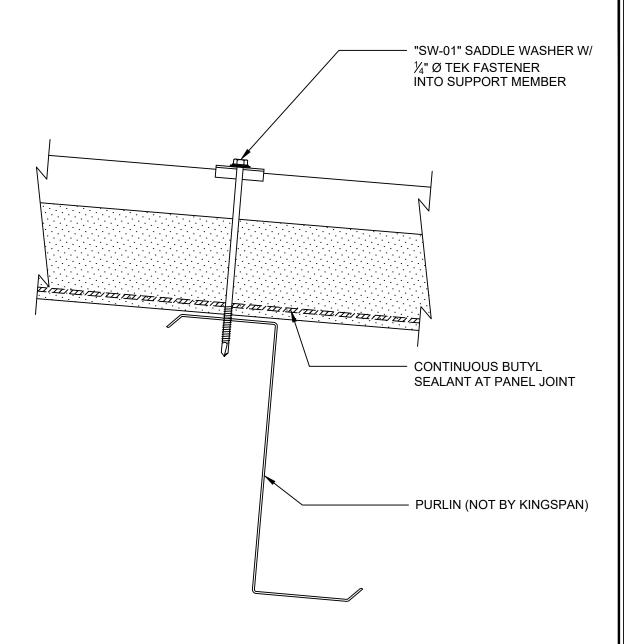


**PANEL JOINT** 

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INTERMEDIATE SUPPORT

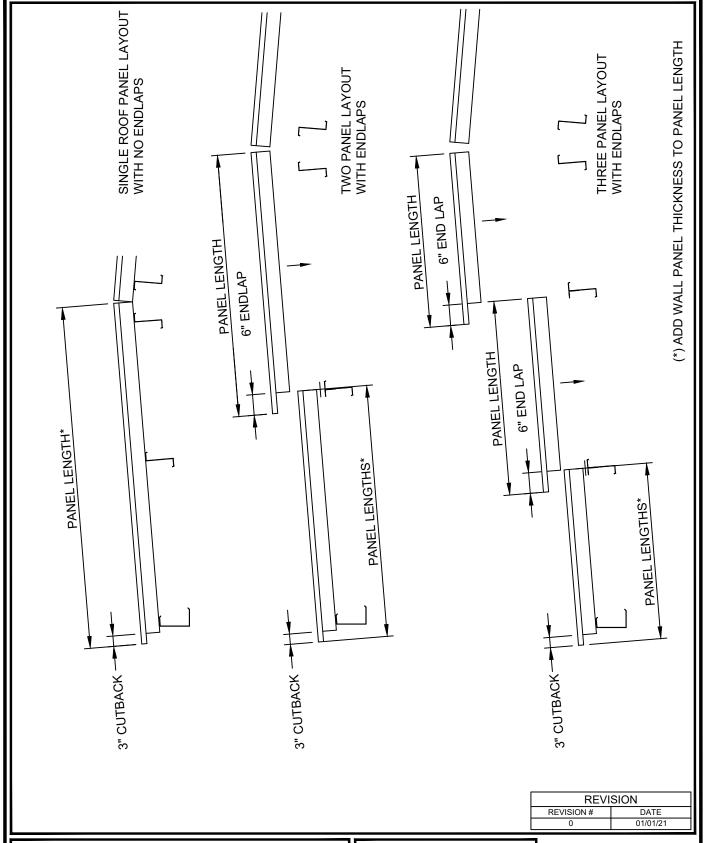
DETAIL #: CI-PJ-02-KINGRIB

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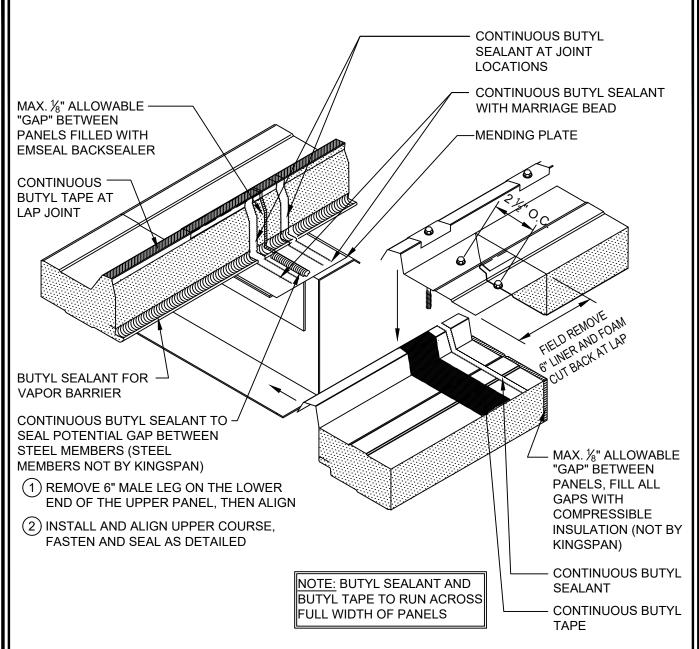
#### KINGRIB HR-3 / HR-5 SERIES ROOF PANEL MAX. 1/8" ALLOWABLE "GAP"-"SW-01" SADDLE WASHER W/ **BETWEEN PANELS FILLED** ¼ - 14 x TEK FASTENER WITH COMPRESSIBLE W/ WASHER SPACED O.C. **INSULATION (NOT BY** (PILOT HOLE KINGSPAN) RECOMMENDED) ADDITIONAL CLIP -NOTE: BUTT JOINT TO BE 6" ENDLAP LOCATION FOR HIGH CENTERED ON STRUCTURAL WIND LOAD AREAS **SUPPORT** $\frac{1}{4}$ - 14 x $\frac{7}{8}$ " STITCH TEK 2 ½" O.C. NOTE: BUTYL SEALANT AND BUTYL TAPE TO RUN ACROSS FULL WIDTH OF CONTINUOUS BUTYL PANELS; NOT SHOWN AT SEALANT AT JOINT HIGH RIBS FOR CLARITY. LOCATIONS यायायायायायाया (1) ROW OF 1" x 3/16" BUTYL TÁPE SEALANT मान्त्राम् वात्रामाना CONTINUOUS 1/5" Ø BEAD OF CONTINUOUS -**GUN-GRADE NON-SKINNING BUTYL SEALANT W/ BUTYL SEALANT AT PANEL** MARRIAGE BEAD TO **END-LAP** PANEL JOINT CONTINUOUS BUTYL SEALANT AT PANEL JOINT (TYP) CONTINUOUS BUTYL MIN MIN SEALANT TO SEAL CONTINUOUS MENDING PLATE POTENTIAL GAP 3" X 4" CONTINUOUS ANGLE, GAUGE TO BETWEEN STEEL MATCH PURLINS (NOT BY KINGSPAN) MEMBERS FIELD REMOVE FOAM AND INSIDE SKIN NOTE: MIN. 5" WIDE SUPPORT **FACTORY CUT** AT EACH ENDLAP FOR LINER SIDE PROPER PANEL 6" LAP **ATTACHMENT** REVISION REVISION # DATE 08/12/21 DETAIL #: CI-EL-01-KINGRIB RELEASE: 2022 **ENDLAP** REGION: NORTH AMERICA www.kingspanpanels.com



**ENDLAP CONDITIONS** 

DETAIL #: CI-EL-02-KINGRIB RELEASE: 2022





#### NOTES:

- 1. SET LOWER COURSE ROOF PANEL IN PLACE. UPPER END OF PANEL AT THE ENDLAP MUST ALIGN WITH THE WEB OF THE ENDLAP PURLIN AND REST ON THE 3" X 4" SUPPORT ANGLE.
- 2. CHECK PANEL MODULE, ADJUST IF NECESSARY BEFORE ATTACHING PANEL TO THE SUPPORT ANGLE WITH FASTENING SYSTEM.
- 3. SET THE UPPER PANEL IN PLACE, FASTEN PANELS TO THE SUPPORT STRUCTURE USING A SINGLE HEX HEAD FASTENER WITH PAINTED SADDLE CLIP WHICH MUST PASS THROUGH ALL FOUR PANELS.
- 4. KINGSPAN DOES NOT RECOMMEND INSTALLING ALL LOWER COURSE PANELS FIRST.

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4-WAY INTERSECTION

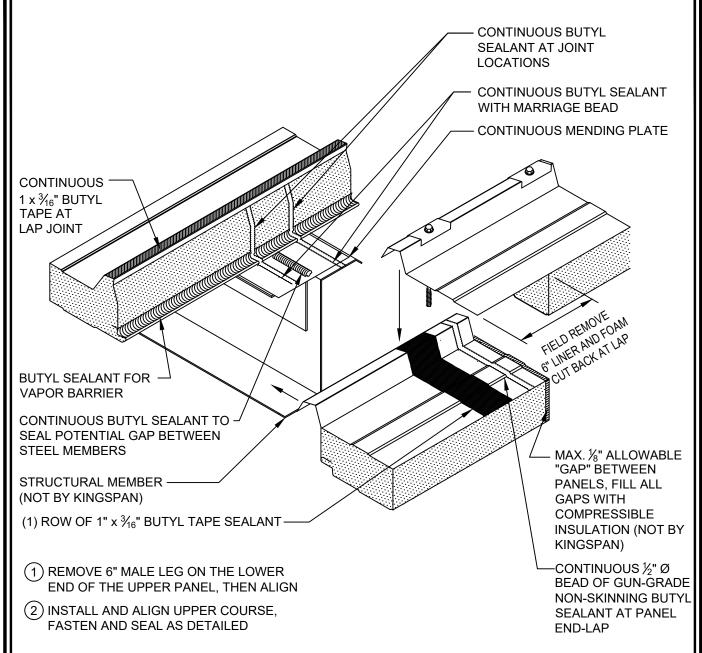
DETAIL #: CI-EL-03-KINGRIB

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REGION: NORTH AMERICA

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#### NOTES:

- 1. SET LOWER COURSE ROOF PANEL IN PLACE. UPPER END OF PANEL AT THE ENDLAP MUST ALIGN WITH THE WEB OF THE ENDLAP PURLIN AND REST ON THE 3" X 4" SUPPORT ANGLE.
- 2. CHECK PANEL MODULE, ADJUST IF NECESSARY BEFORE ATTACHING PANEL TO THE SUPPORT ANGLE WITH FASTENING SYSTEM.
- 3. SET THE UPPER PANEL IN PLACE, FASTEN PANELS TO THE SUPPORT STRUCTURE USING A SINGLE HEX HEAD FASTENER WITH PAINTED SADDLE CLIP WHICH MUST PASS THROUGH ALL FOUR PANELS.
- 4. KINGSPAN DOES NOT RECOMMEND INSTALLING ALL LOWER COURSE PANELS FIRST.

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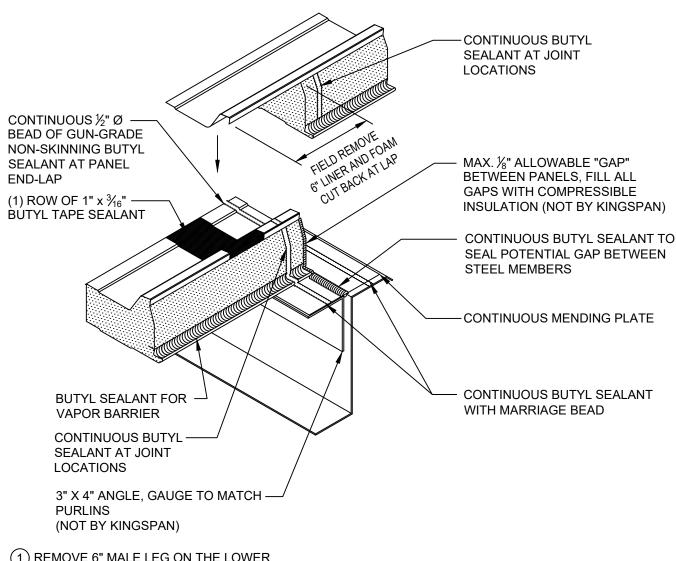
CONTINUOUS MALE LEG AT STAGGERED ENDLAP / FEMALE ENDLAP DETAIL #: CI-EL-04-KINGRIB

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- 1) REMOVE 6" MALE LEG ON THE LOWER END OF THE UPPER PANEL, THEN ALIGN
- (2) INSTALL AND ALIGN UPPER COURSE, FASTEN AND SEAL AS DETAILED

#### NOTES:

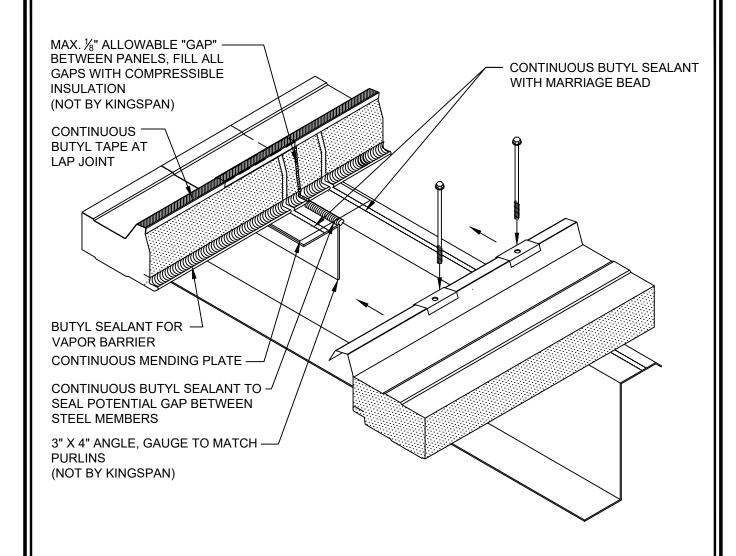
- 1. SET LOWER COURSE ROOF PANEL IN PLACE. UPPER END OF PANEL AT THE ENDLAP MUST ALIGN WITH THE WEB OF THE ENDLAP PURLIN AND REST ON THE 3" X 4" SUPPORT ANGLE.
- 2. CHECK PANEL MODULE, ADJUST IF NECESSARY BEFORE ATTACHING PANEL TO THE SUPPORT ANGLE WITH FASTENING SYSTEM.
- 3. SET THE UPPER PANEL IN PLACE, FASTEN PANELS TO THE SUPPORT STRUCTURE USING A SINGLE HEX HEAD FASTENER WITH PAINTED SADDLE CLIP WHICH MUST PASS THROUGH ALL FOUR PANELS.
- 4. KINGSPAN DOES NOT RECOMMEND INSTALLING ALL LOWER COURSE PANELS FIRST.

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STAGGERED MALE LEG AT ENDLAP

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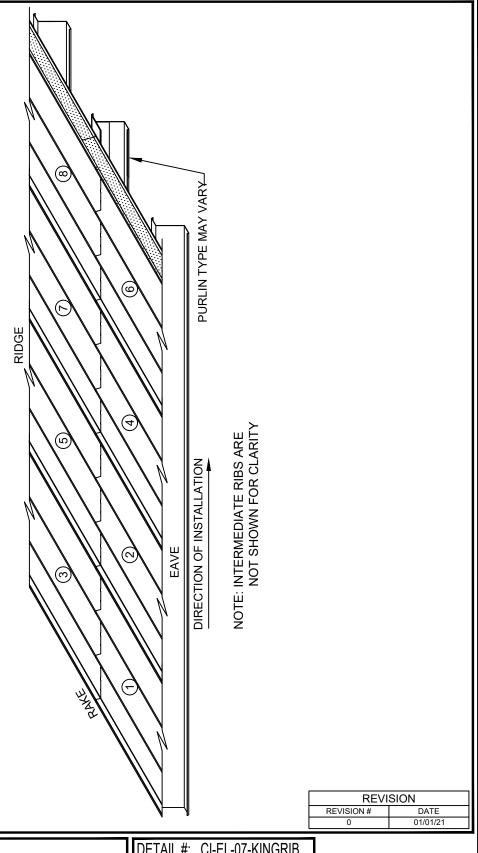
STAGGERED MALE LEG AT ENDLAP / CONTINUOUS FEMALE LEG DETAIL #: CI-EL-06-KINGRIB

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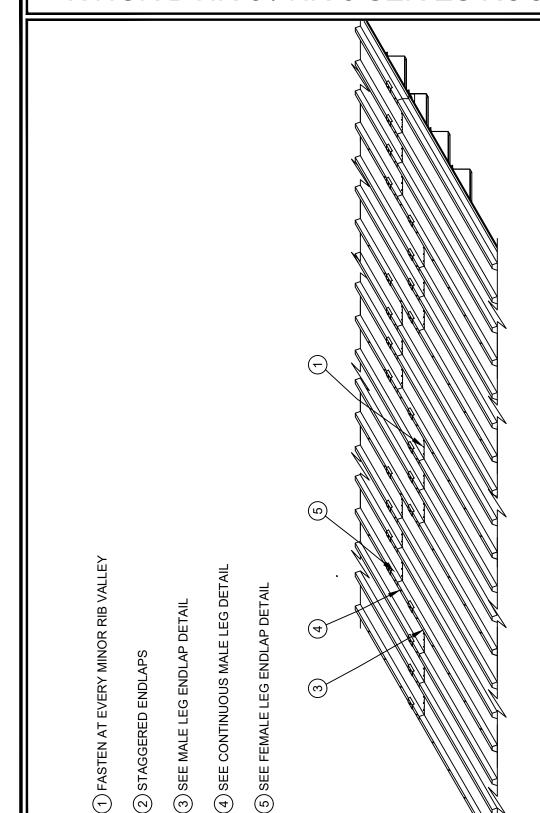


ENDLAP INSTALLATION SEQUENCE

DETAIL #: CI-EL-07-KINGRIB
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STAGGERED ENDLAP ASSEMBLY (ISOMETRIC VIEW - TYPICAL)

STAGGERED ENDLAP ASSEMBLY DETAIL #: CI-EL-08-KINGRIB

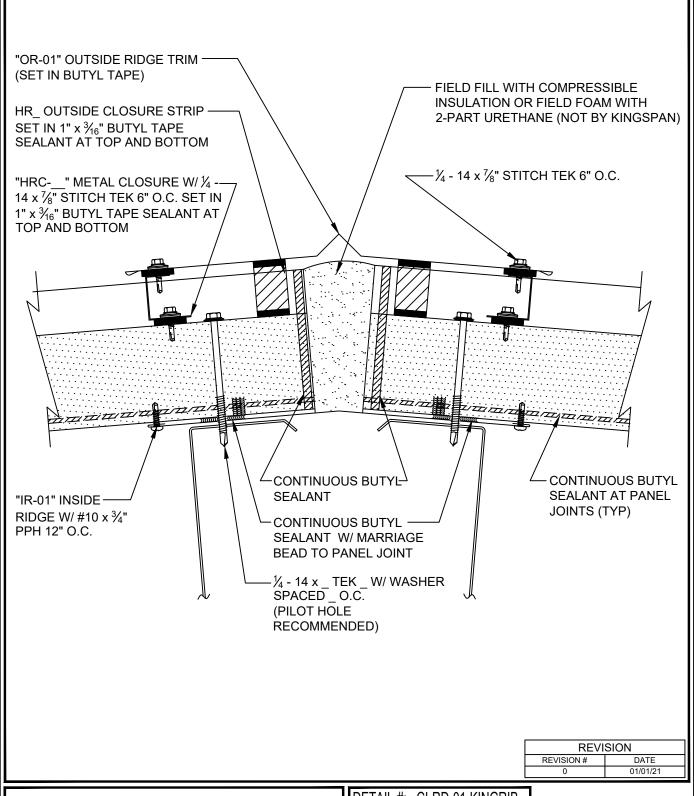
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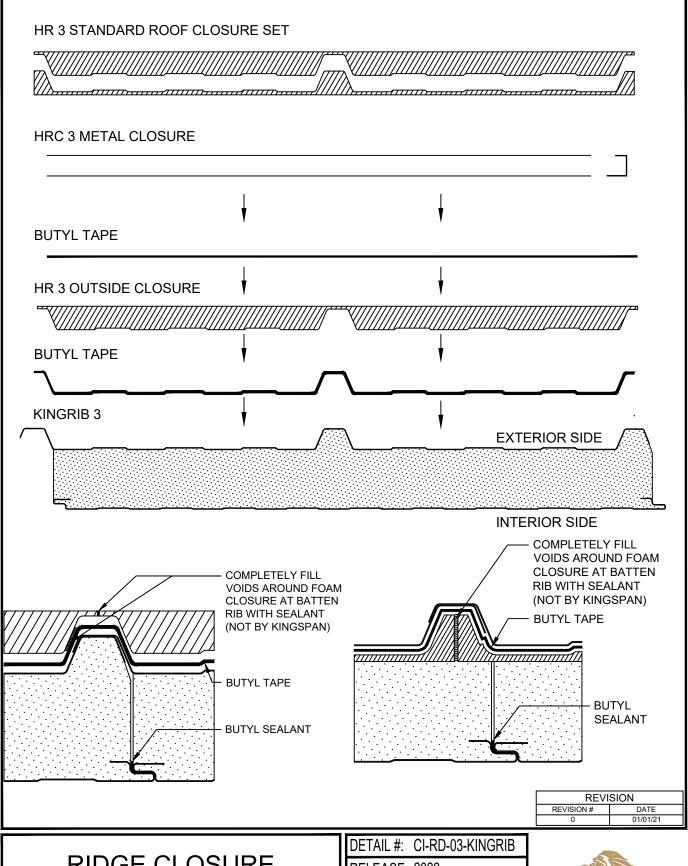
**RIDGE** 

DETAIL #: CI-RD-01-KINGRIB

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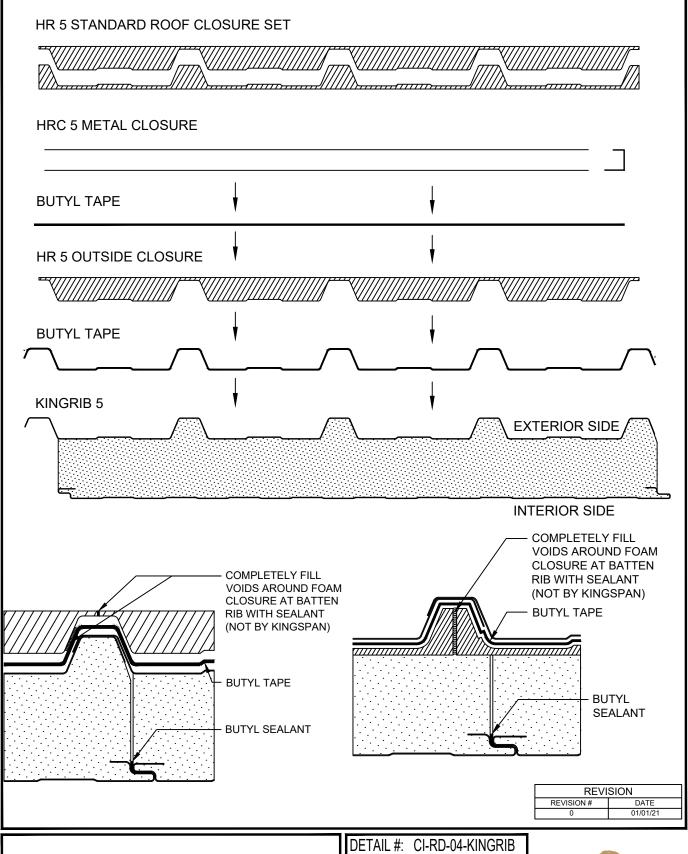
#### KINGRIB HR-3 / HR-5 SERIES ROOF PANEL $5\frac{1}{4}$ - 14 x $\frac{7}{8}$ " STITCH TEK 8" O.C. (5)"OR-01" OUTSIDE RIDGE TRIM (SET IN BUTYL TAPE) 51" x $\frac{3}{16}$ " BUTYL TAPE $\overline{4}$ )"HRC- " METAL CLOSURE W/ $\frac{1}{4}$ - 14 x $\frac{7}{8}$ " STITCH TEK 6" O.C. SET IN 1" x 3/16" BUTYL TAPE SEALANT AT TOP AND BOTTOM HR\_ OUTSIDE CLOSURE STRIP $\stackrel{-}{3}$ SET IN 1" x $\stackrel{?}{\%}_6$ " BUTYL TAPE SEALANT AT TOP AND BOTTOM FIELD FILL WITH COMPRESSIBLE (3)INSULATION OR FIELD FOAM WITH 2 ¼" - THROUGH FASTENER WITH NEOPRENE WASHER 2-PART URETHANE (NOT BY KINGSPAN) (AS REQUIRED FOR WIND LOAD) 1) SET IN CONTINUOUS BUTYL 2) SEALANT W/ MARRIAGE CONTINUOUS BUTYL BEADS TO PANEL JOINT SEALANT AT JOINT (1)CONTINUOUS BUTYL LOCATIONS SEALANT AT PANEL JOINTS (TYP) (1)INSIDE RIDGE TRIM STRUCTURAL MEMBERS (NOT BY KINGSPAN) NOTE:(#)'S REFER TO SEQUENCE REVISION OF INSTALLATION REVISION# DATE DETAIL #: CI-RD-02-KINGRIB RELEASE: 2022 RIDGE ASSEMBLY REGION: NORTH AMERICA www.kingspanpanels.com



RIDGE CLOSURE **ASSEMBLY** 

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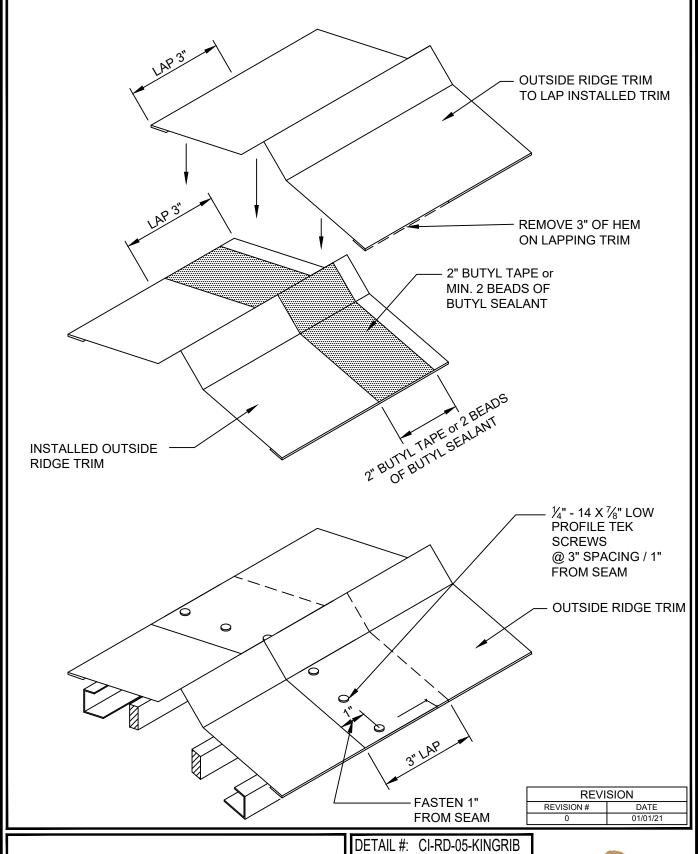




RIDGE CLOSURE **ASSEMBLY** 

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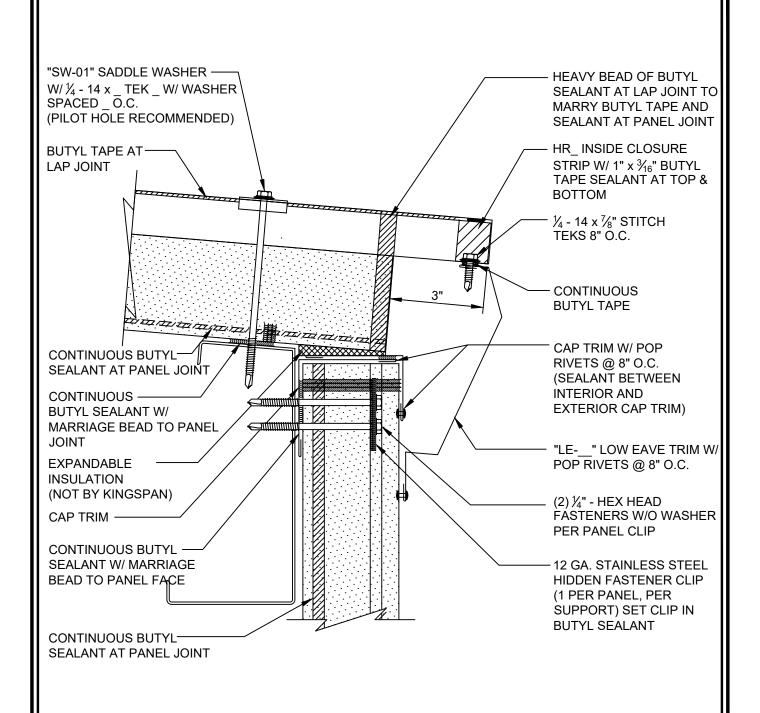




RIDGE TRIM LAP

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REGION: NORTH AMERICA
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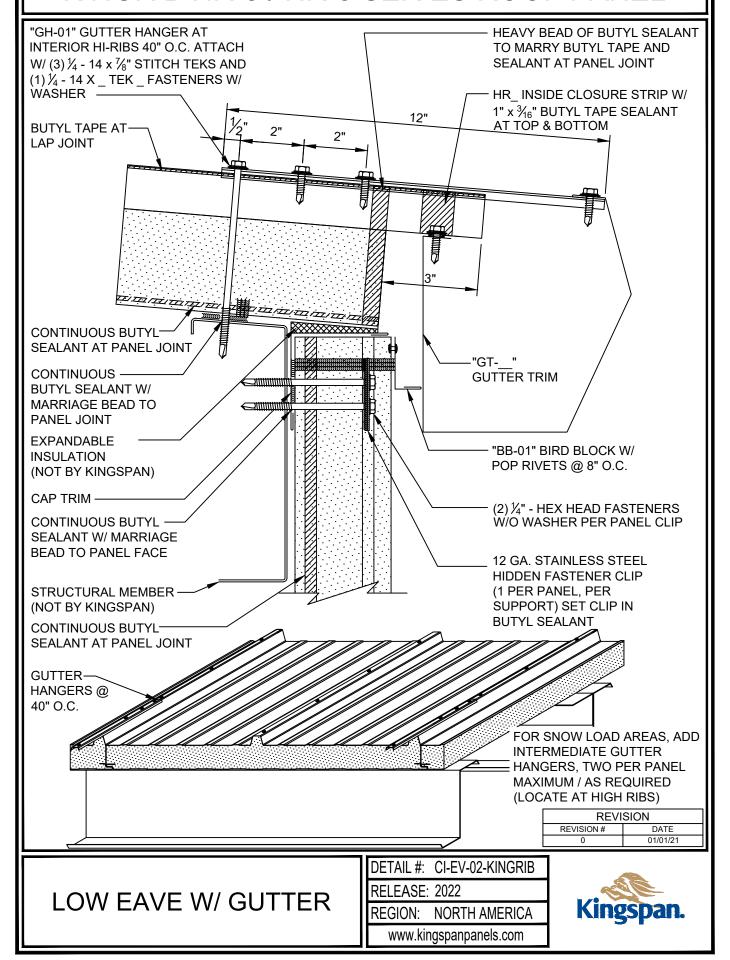


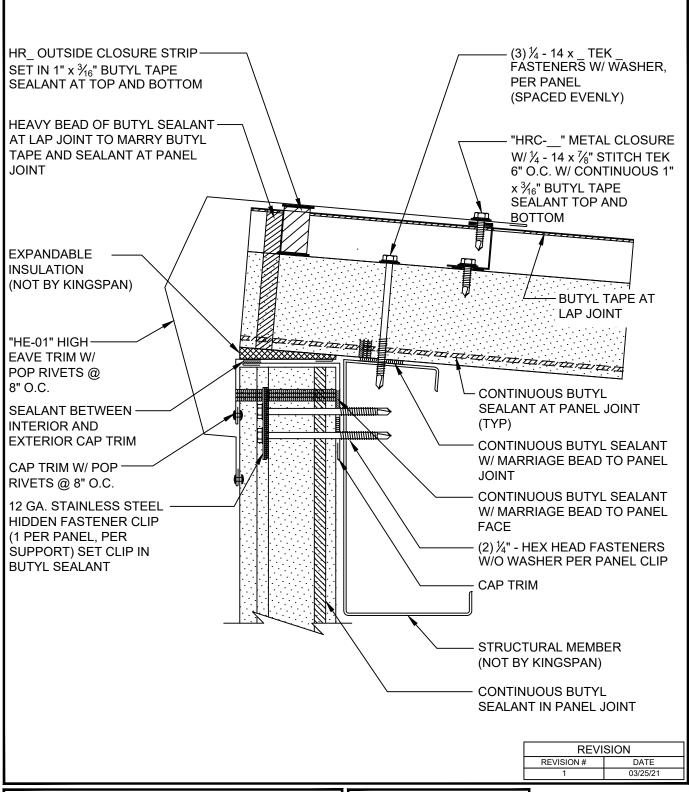


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LOW EAVE W/O GUTTER DETAIL #: CI-EV-01-KINGRIB
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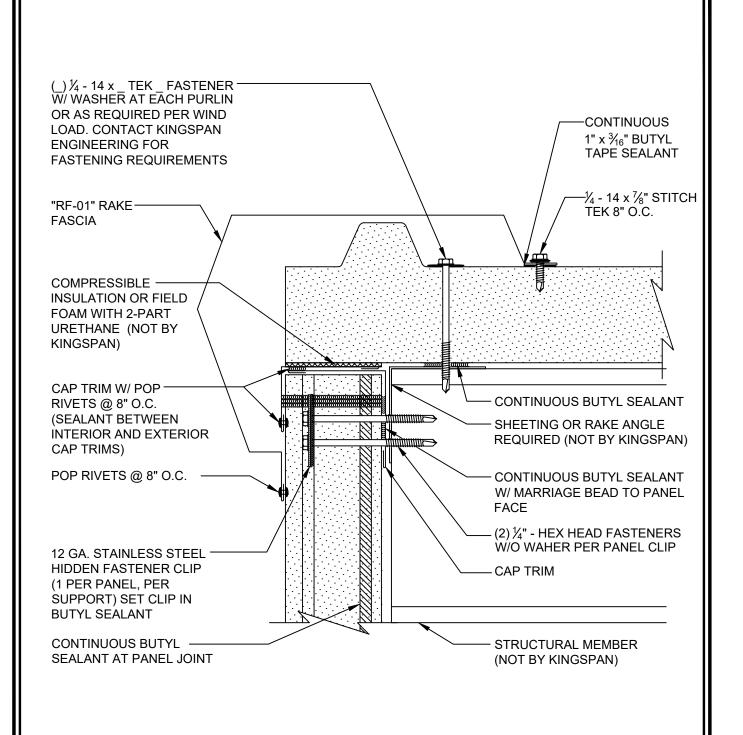




**HIGH EAVE** 

DETAIL #: CI-EV-03-KINGRIB
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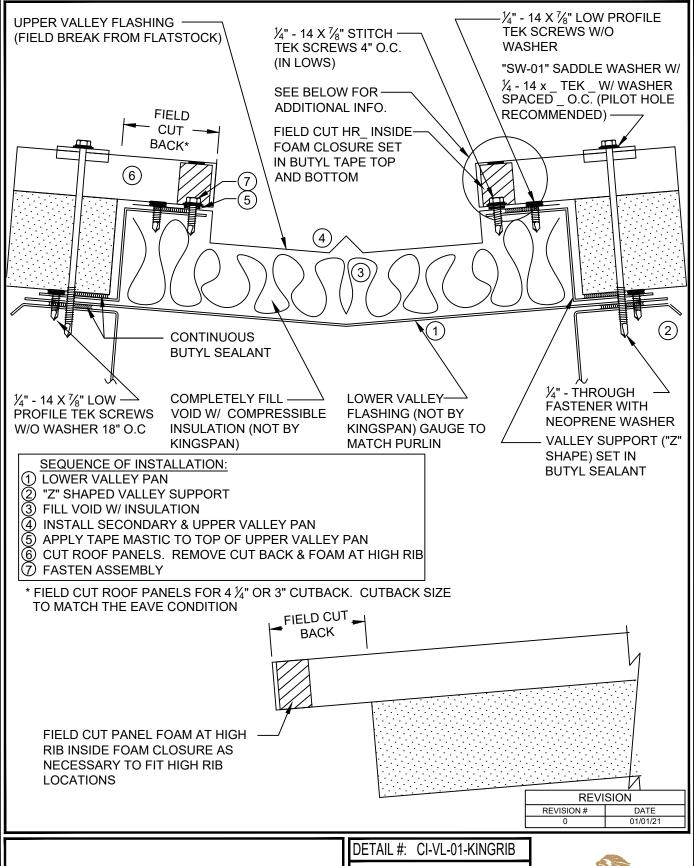
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**RAKE** 

DETAIL #: CI-RK-01-KINGRIB

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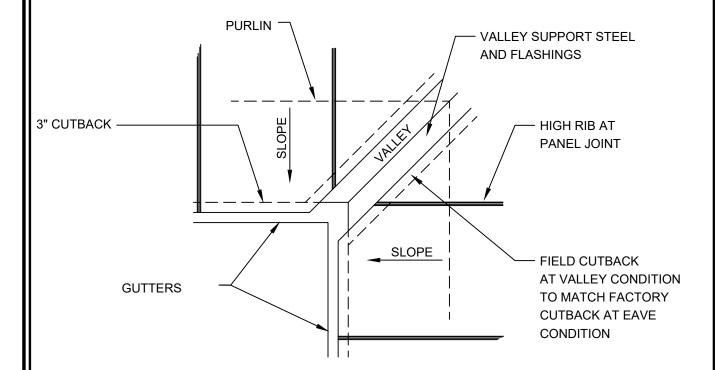


**VALLEY CONDITION** 

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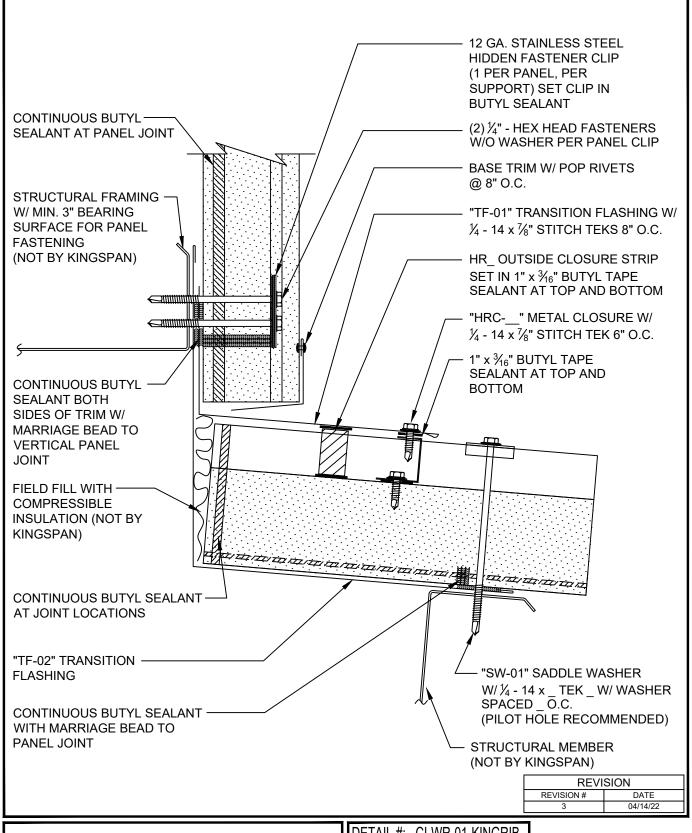
**ROOF VALLEY PLAN** 

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**VALLEY ASSEMBLY** 

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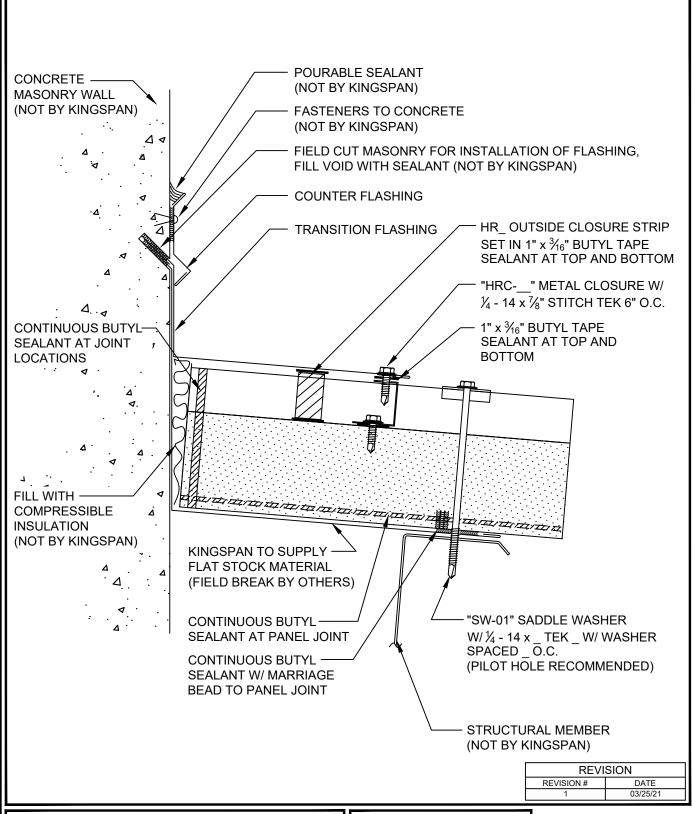


WALL TO ROOF HIGH EAVE DETAIL #: CI-WR-01-KINGRIB

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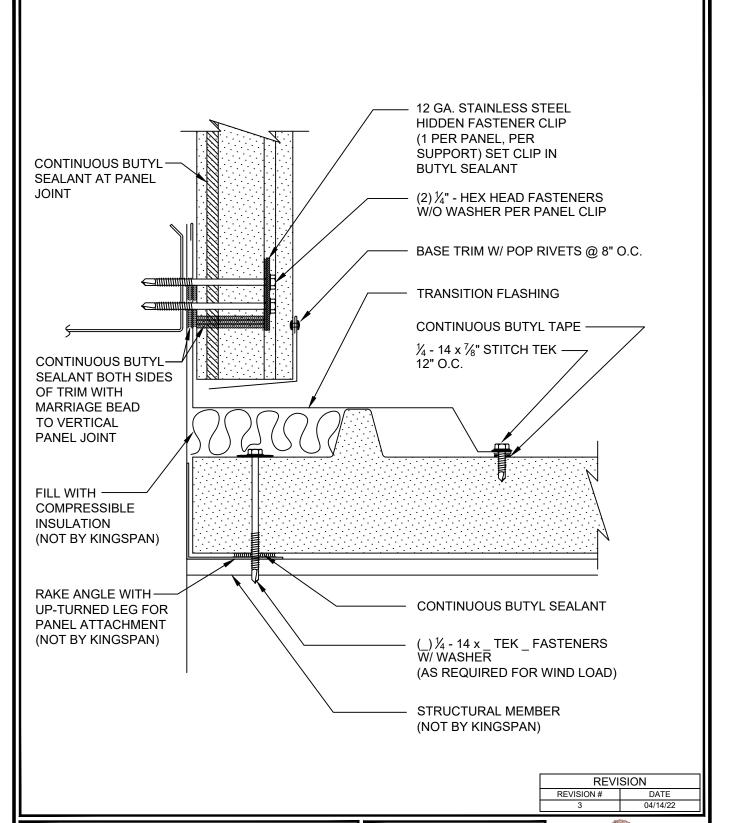


CONCRETE WALL TO HIGH EAVE

DETAIL #: CI-WR-02-KINGRIB
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REGION: NORTH AMERICA



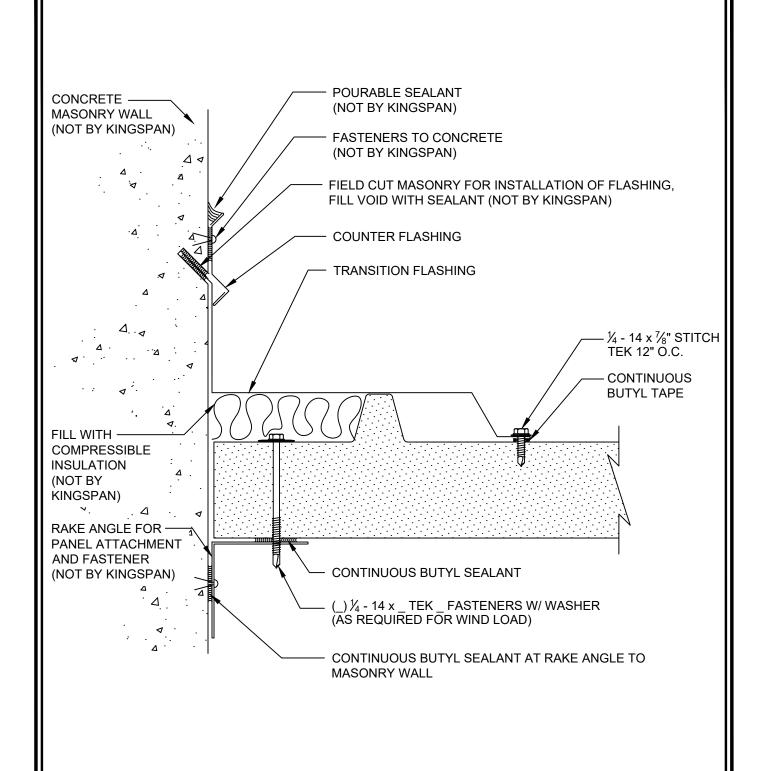


WALL TO RAKE

DETAIL #: CI-WR-03-KINGRIB

DATE: 2021





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CONCRETE WALL TO ROOF

DETAIL #: CI-WR-04-KINGRIB

DATE: 2021

