

KINGRIB HR-3 / HR-5 SERIES ROOF PANEL

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DISCLAIMERS:

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

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

CONTACT KINGSPAN TECHNICAL SERVICES FOR SPECIFIC PROJECT FASTENING REQUIREMENTS

EXTRUSION SHAPES / ENGAGEMENT MAY VARY FROM THOSE SHOWN.

PROJECTS LOCATED IN AREAS SUBJECT TO EXTREME COLD AND/OR HIGH SNOW LOADS MAY REQUIRE MODIFICATIONS TO THESE DETAILS - CONTACT KINGSPAN TECHNICAL SERVICES FOR SPECIFIC PROJECT RECOMMENDATIONS.

ALL STRUCTURAL SUPPORTS ARE NOT BY KINGSPAN AND ARE SHOWN FOR CLARIFICATION PURPOSES ONLY.

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DISCLAIMER

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CORE DEPTHS:
1.5", 2.5", 4", 5", 6"

MODULE WIDTH:
40"

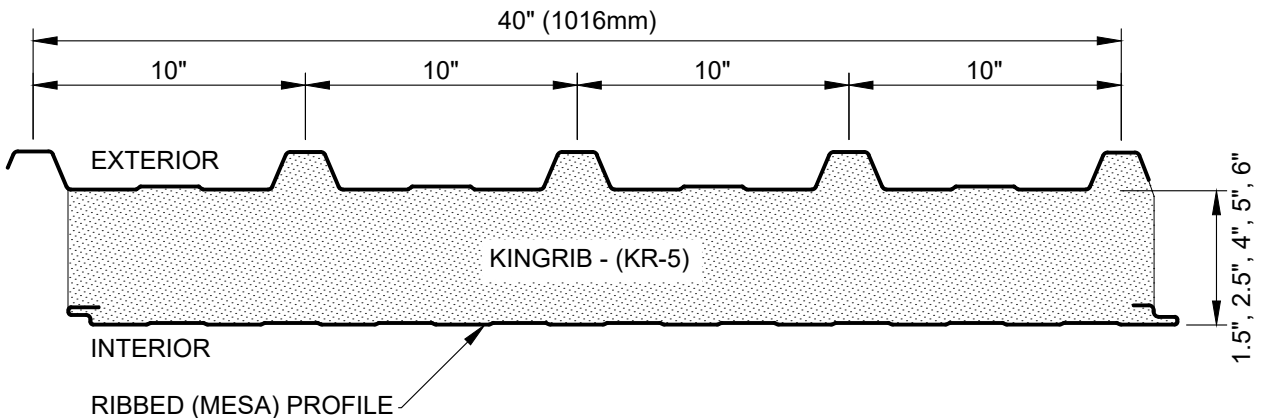
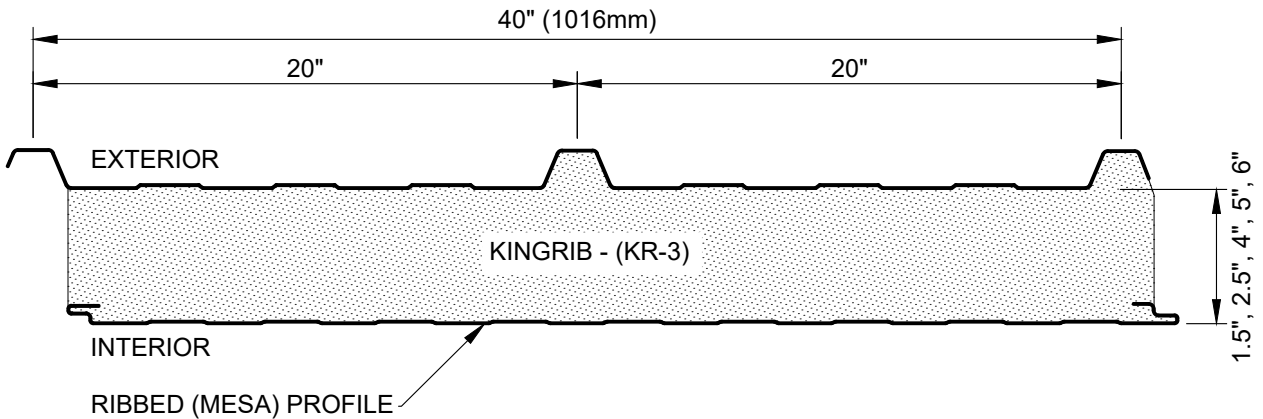
EMBOSSING:
EXTERIOR: STUCCO / NON-EMBOSSSED
INTERIOR: STUCCO / NON-EMBOSSSED

STEEL GAUGES:
EXTERIOR: 22, 24, 26
INTERIOR: 22, 24, 26

PANEL ORIENTATION:
ROOF

LENGTHS:
MINIMUM: 8'-0"
MAXIMUM: 50'-0"
(FOR ADDITIONAL LENGTHS
CONSULT TECHNICAL SERVICES)

MINIMUM SLOPE:
1/2:12
(1:12 ROOF W/ ENDLAPS)



NOTES: FOR ADDITIONAL LENGTHS CONSULT KINGSPAN TECHNICAL SERVICES

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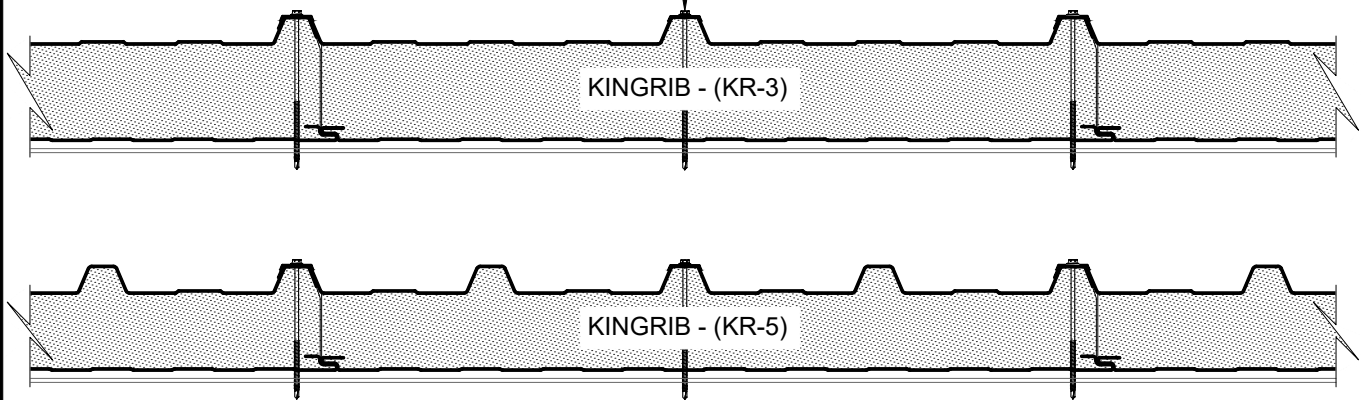
PANEL PROFILES

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KINGRIB HR-3 / HR-5 SERIES ROOF PANEL

ROOF SADDLE CLIPS W/ 1/4" HWH DP3
FASTENERS W/ BONDED WASHER LOCATED
AT HIGH RIBS AS REQUIRED FOR WIND LOADS



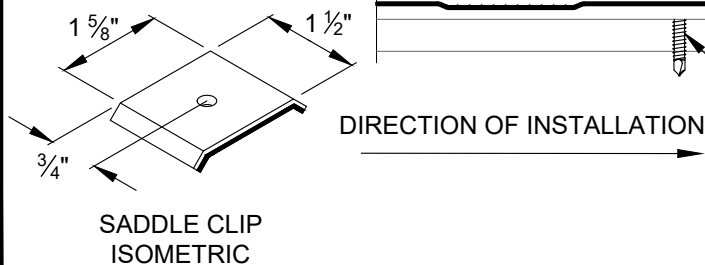
1/4"-14x7/8" DP1 STITCH SCREWS
* FOR SLOPES $\geq 1:12$ INSTALL AT
20" O.C. BETWEEN MAIN FASTENERS
* FOR SLOPES $< 1:12$ INSTALL AT 12"
O.C. BETWEEN MAIN FASTENERS

SADDLE CLIP W/ 1/4" HWH DP3
FASTENER INTO SUPPORT

1" x 3/16" BUTYL TAPE SEALANT
ENTIRE LENGTH OF LAP JOINT

1/4" HWH DP3 FASTENER W/
NEOPRENE WASHER

STAND ON THIS PANEL
WHEN FASTENING



CONTINUOUS BEAD OF FIELD
APPLIED BUTYL SEALANT IN JOINT

1/4" HWH DP3 FASTENER
W/ WASHER

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PANEL JOINT

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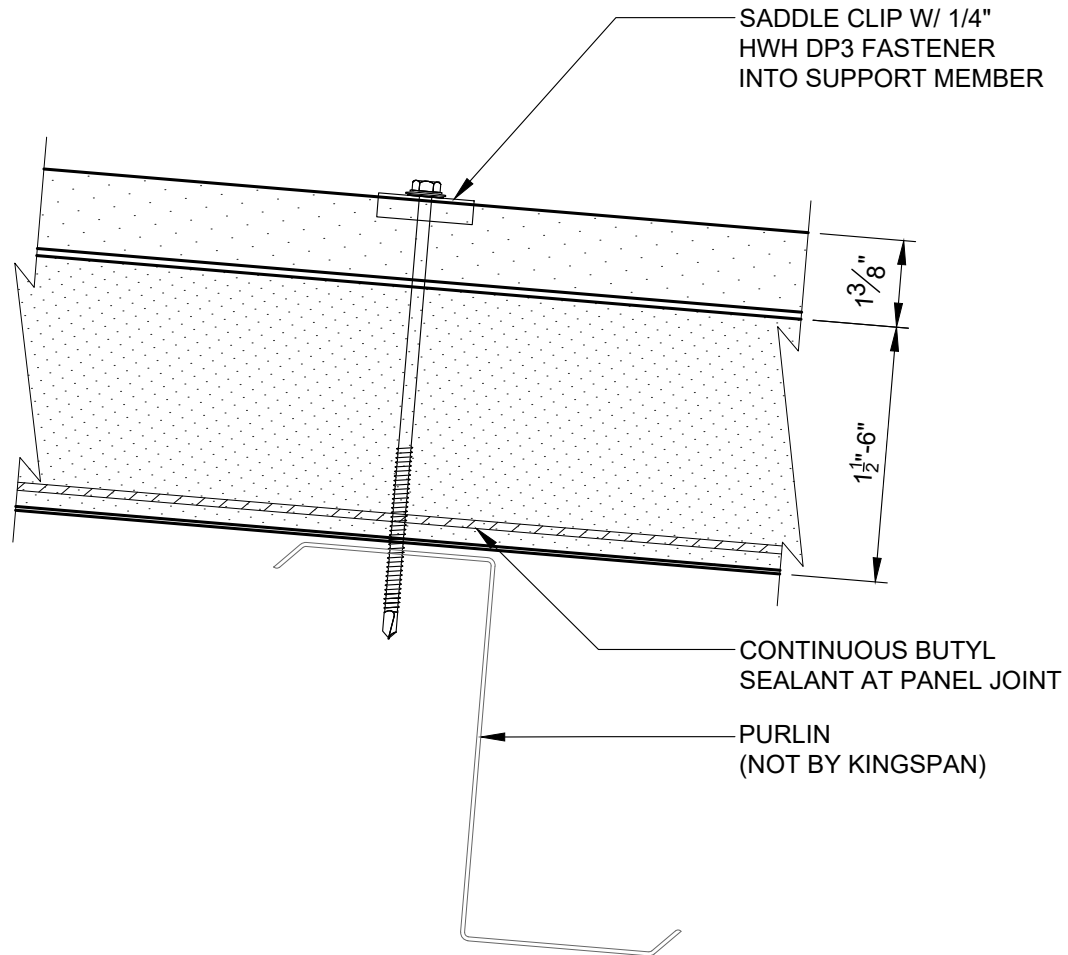
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INTERMEDIATE SUPPORT

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SADDLE WASHER W/ 1/4" HWH DP3 FASTENER W/ WASHER SPACED AT 12" O.C. (PILOT HOLE RECOMMENDED)

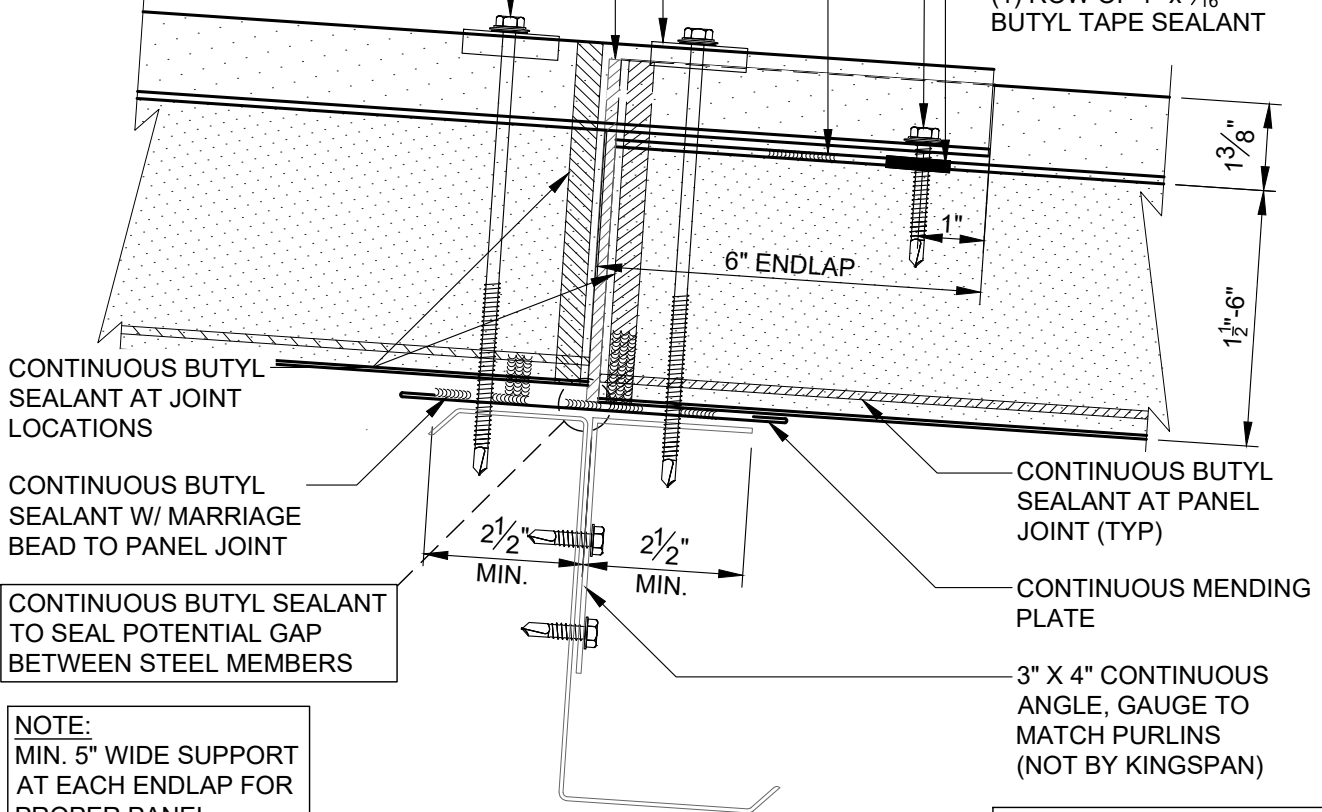
MAX. 1/8" ALLOWABLE "GAP" BETWEEN PANELS FILLED W/ COMPRESSIBLE INSULATION (NOT BY KINGSPAN)

ADDITIONAL CLIP LOCATION FOR HIGH WIND LOAD AREAS

CONT. 1/2" DIA BEAD OF GUN-GRADE NON-SKINNING BUTYL SEALANT AT PANEL END-LAP

1/4-14x7/8" DP1 HWH STITCH SCREWS W/ WASHER AT 2 1/2" O.C.

(1) ROW OF 1" x 3/16" BUTYL TAPE SEALANT

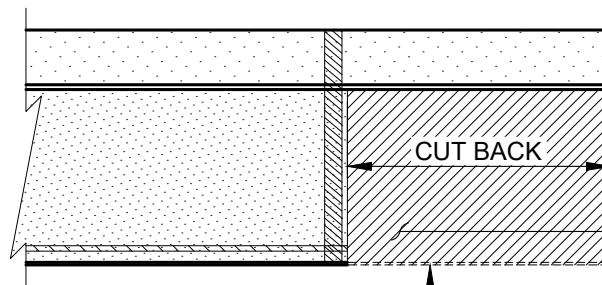


CONTINUOUS BUTYL SEALANT TO SEAL POTENTIAL GAP BETWEEN STEEL MEMBERS

NOTE: MIN. 5" WIDE SUPPORT AT EACH ENDLAP FOR PROPER PANEL ATTACHMENT

NOTE: BUTT JOINT TO BE CENTERED ON STRUCTURAL SUPPORT

NOTE: BUTYL SEALANT AND BUTYL TAPE TO RUN ACROSS FULL WIDTH OF PANELS; NOT SHOWN AT HIGH RIBS FOR CLARITY.



FIELD REMOVE FOAM AND INSIDE SKIN

FACTORY CUT LINER SIDE

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ENDLAP

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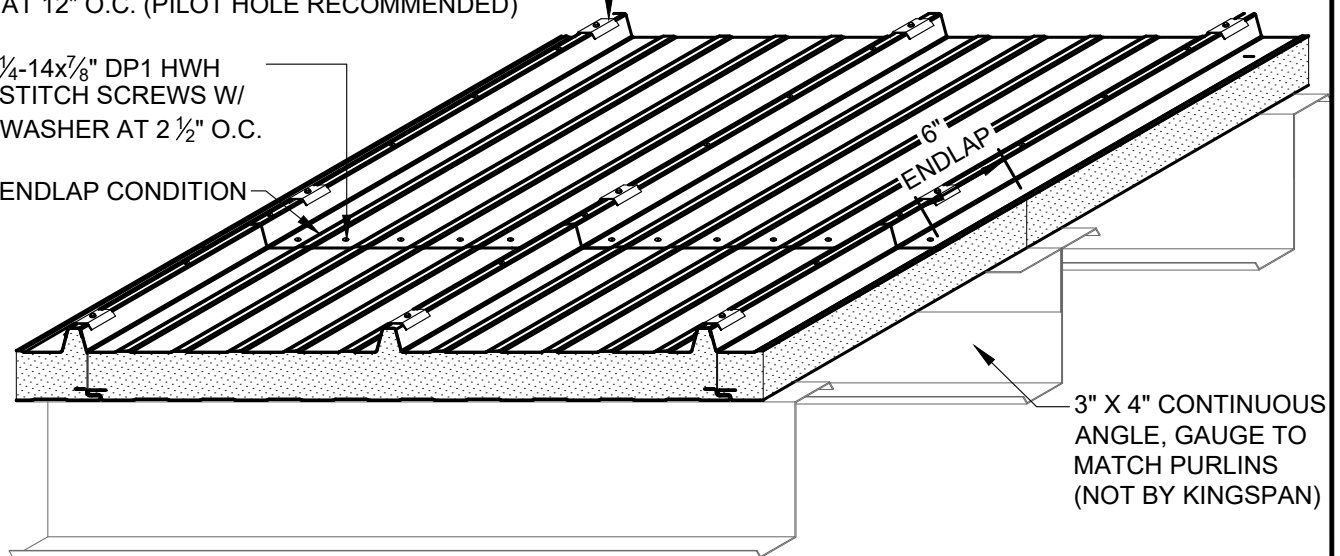


KINGRIB HR-3 / HR-5 SERIES ROOF PANEL

SADDLE WASHER W/ 1/4" HWH DP3
FASTENER W/ BONDED WASHER SPACED
AT 12" O.C. (PILOT HOLE RECOMMENDED)

1/4-14x7/8" DP1 HWH
STITCH SCREWS W/
WASHER AT 2 1/2" O.C.

ENDLAP CONDITION



6" ENDLAP

3" X 4" CONTINUOUS
ANGLE, GAUGE TO
MATCH PURLINS
(NOT BY KINGSPAN)

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ENDLAP
ISOMETRIC

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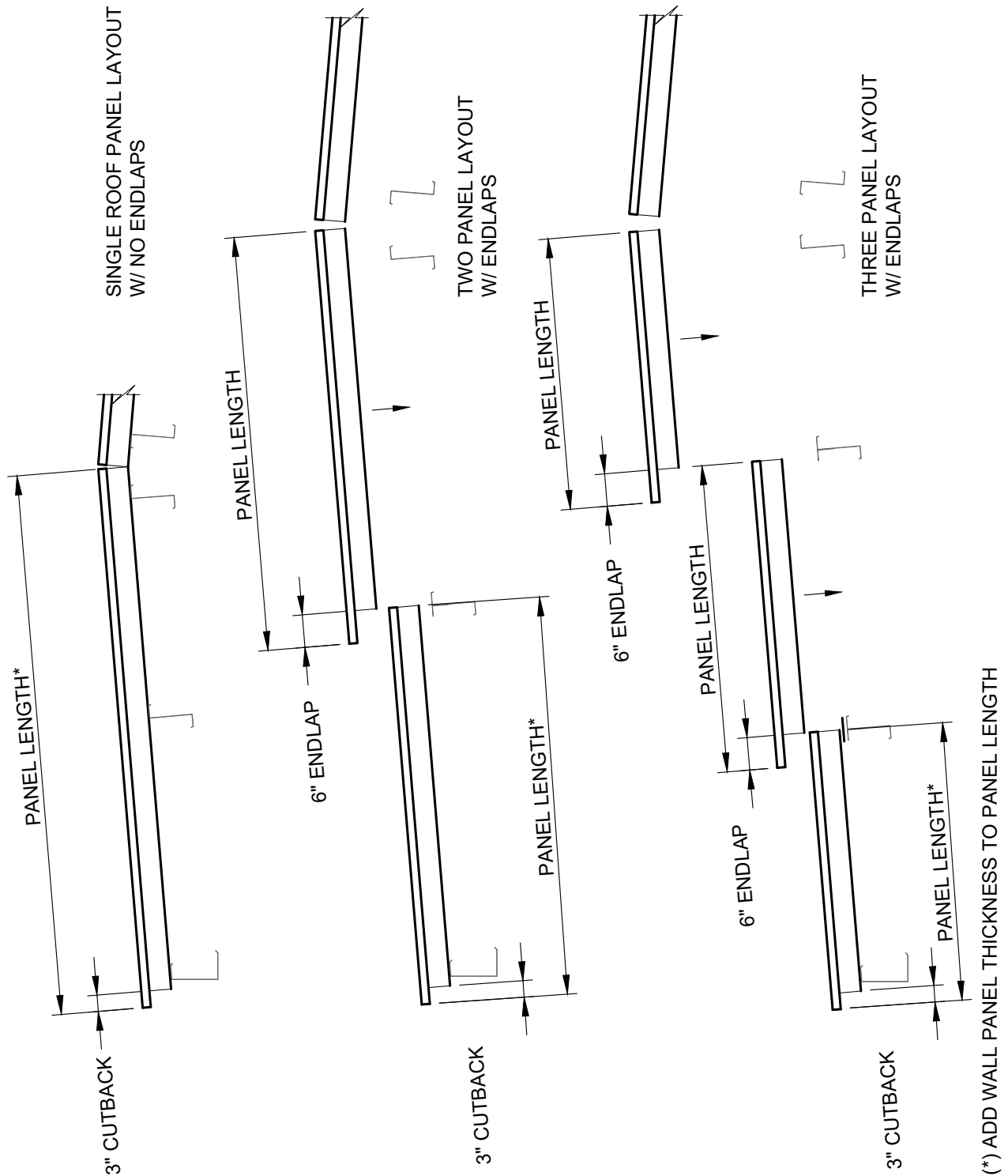
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ENDLAP CONDITIONS

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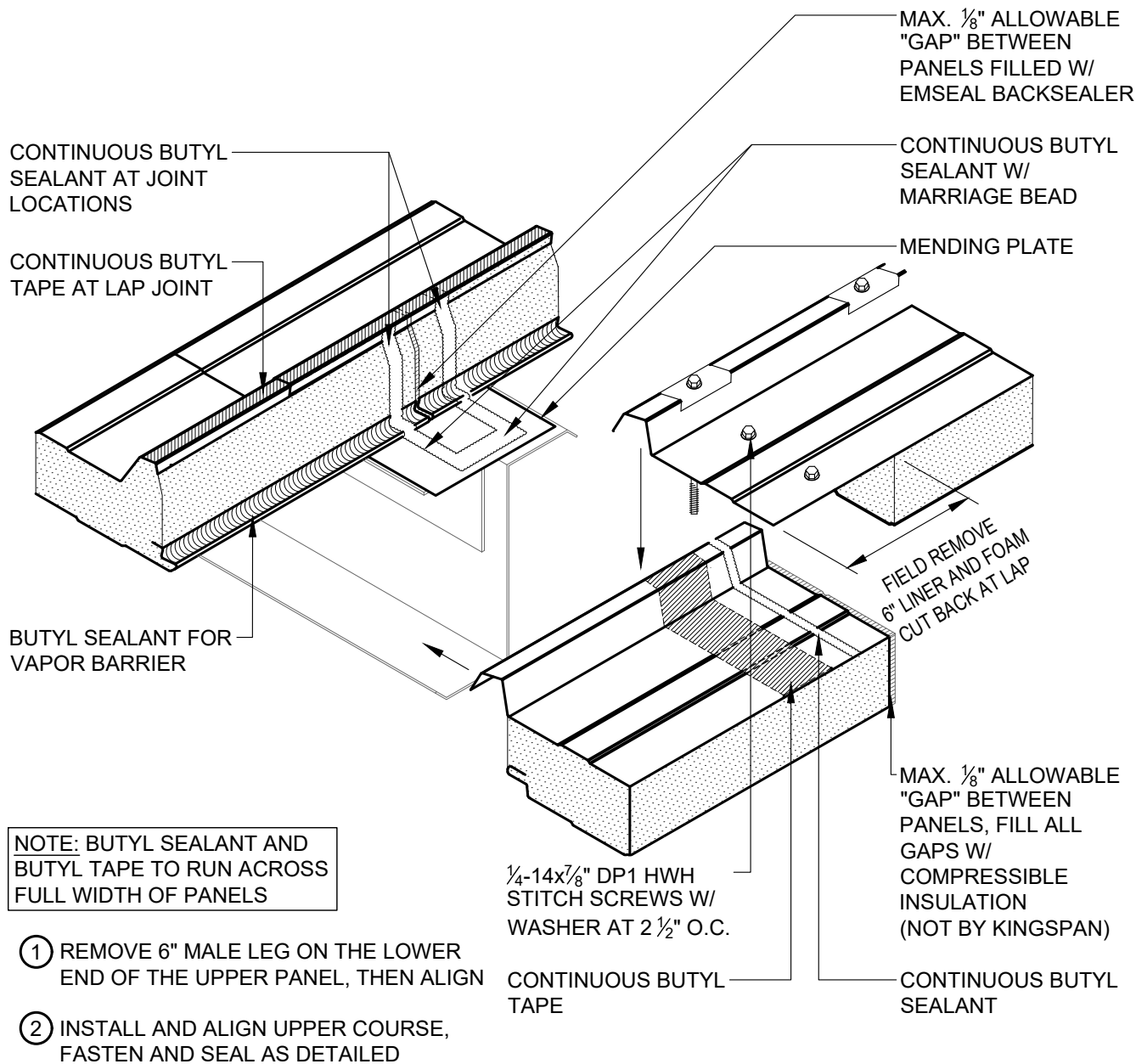
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KINGRIB HR-3 / HR-5 SERIES ROOF PANEL



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

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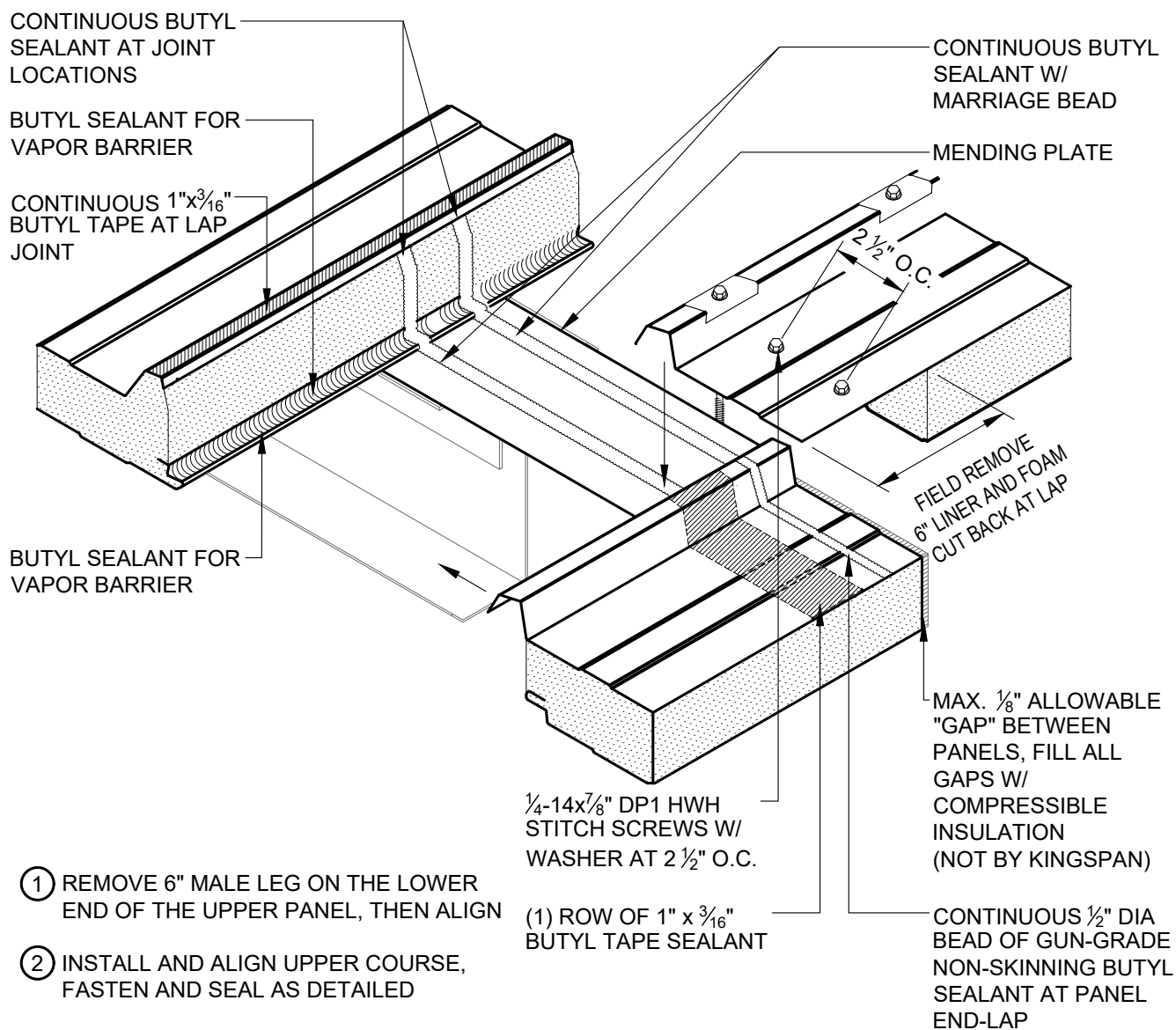
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NOTES:

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.
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CONTINUOUS MALE LEG AT
STAGGERED ENDLAP

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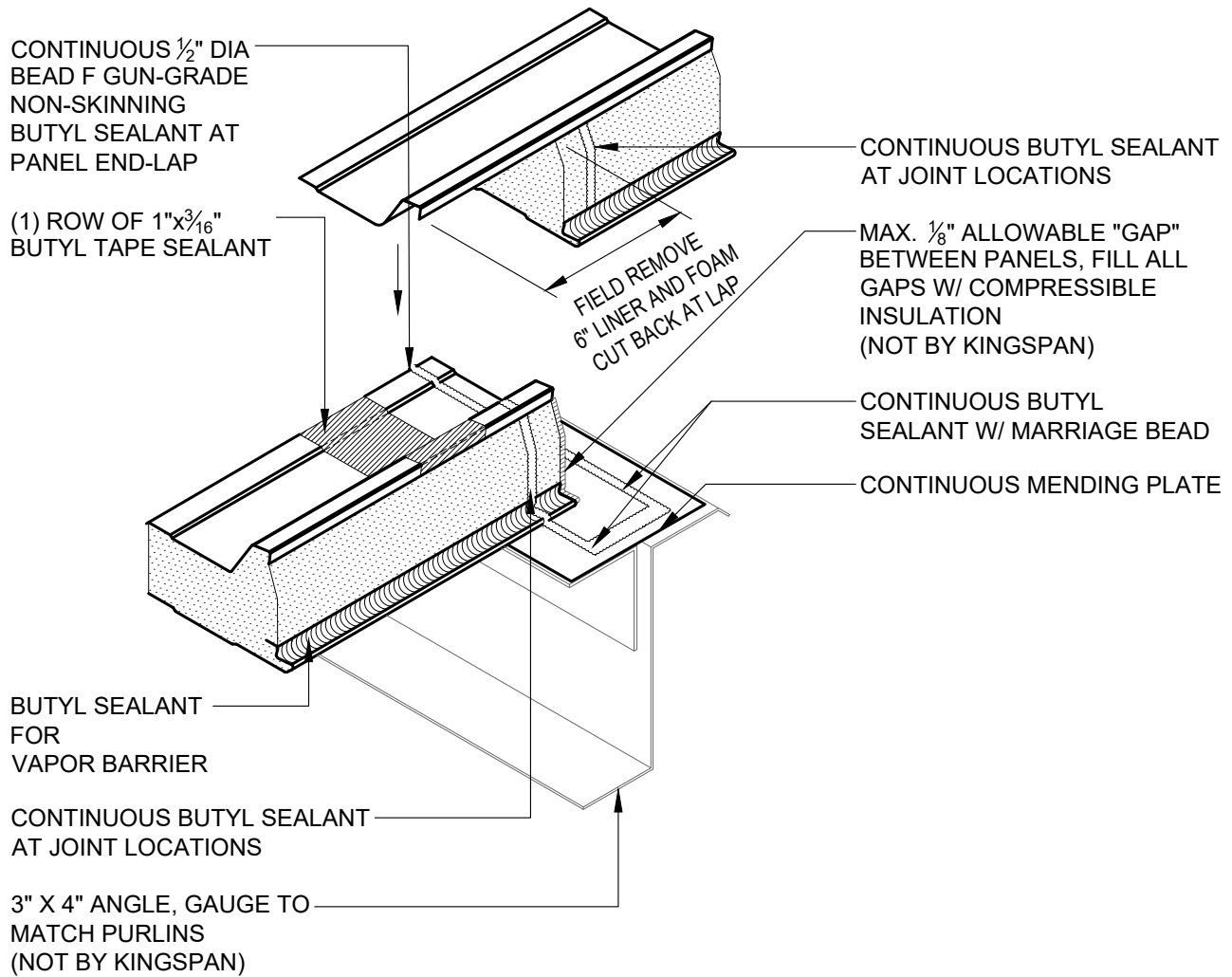
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- ① REMOVE 6" MALE LEG ON THE LOWER END OF THE UPPER PANEL, THEN ALIGN
- ② INSTALL AND ALIGN UPPER COURSE, FASTEN AND SEAL AS DETAILED

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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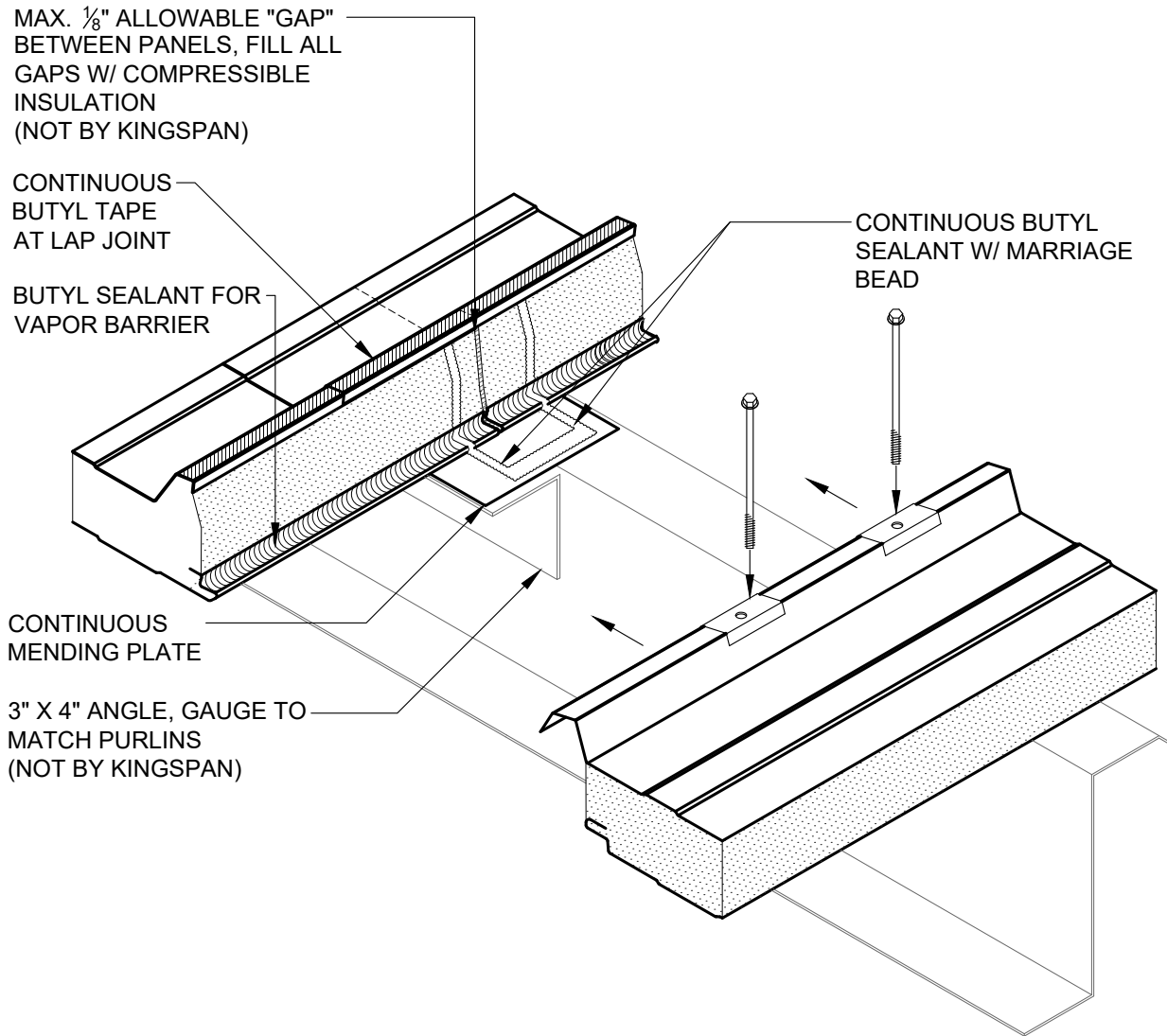
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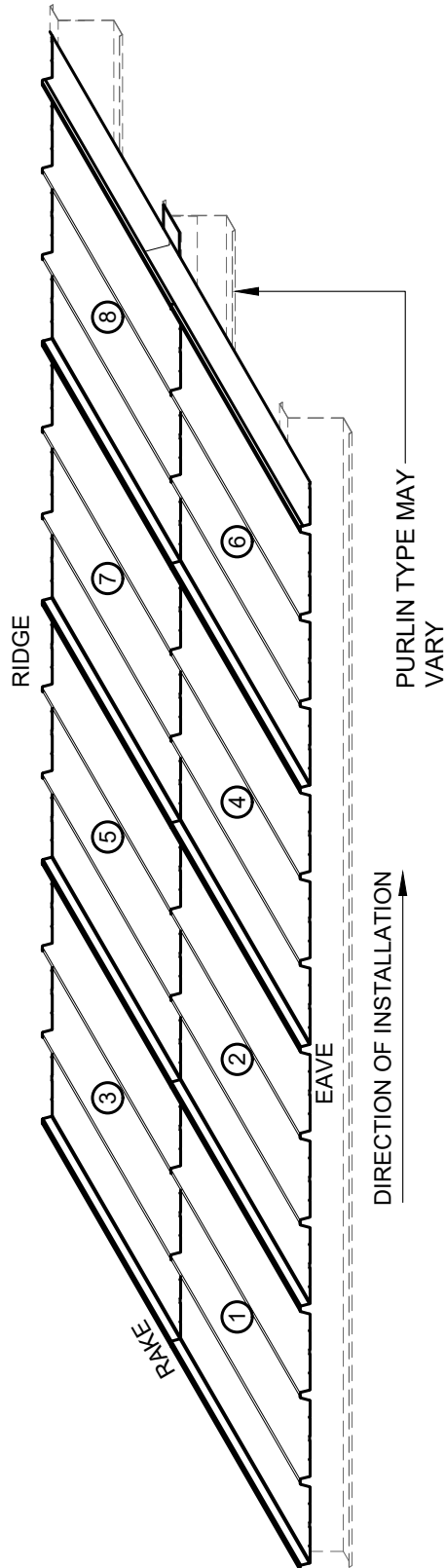
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MALE LEG ENDLAP AT
CONTINUOUS FEMALE LEG

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4-WAY ENDLAP
INSTALLATION SEQUENCE

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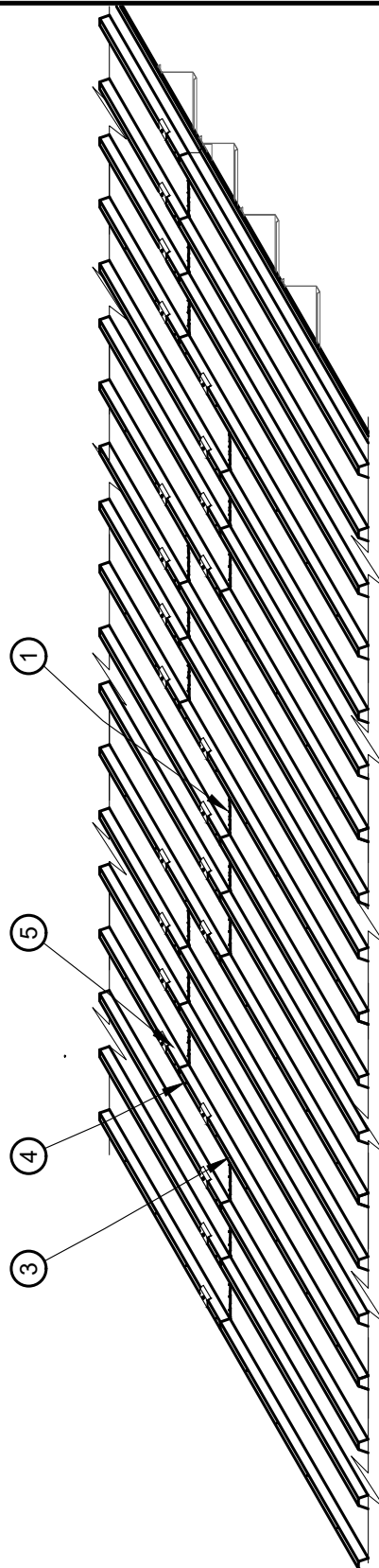
① FASTEN AT EVERY MINOR RIB VALLEY

② STAGGERED ENDLAPS

③ SEE MALE LEG ENDLAP DETAIL

④ SEE CONTINUOUS MALE LEG DETAIL

⑤ SEE FEMALE LEG ENDLAP DETAIL



NOTE: INTERMEDIATE RIBS ARE
NOT SHOWN FOR CLARITY

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STAGGERED ENDLAP
INSTALLATION SEQUENCE

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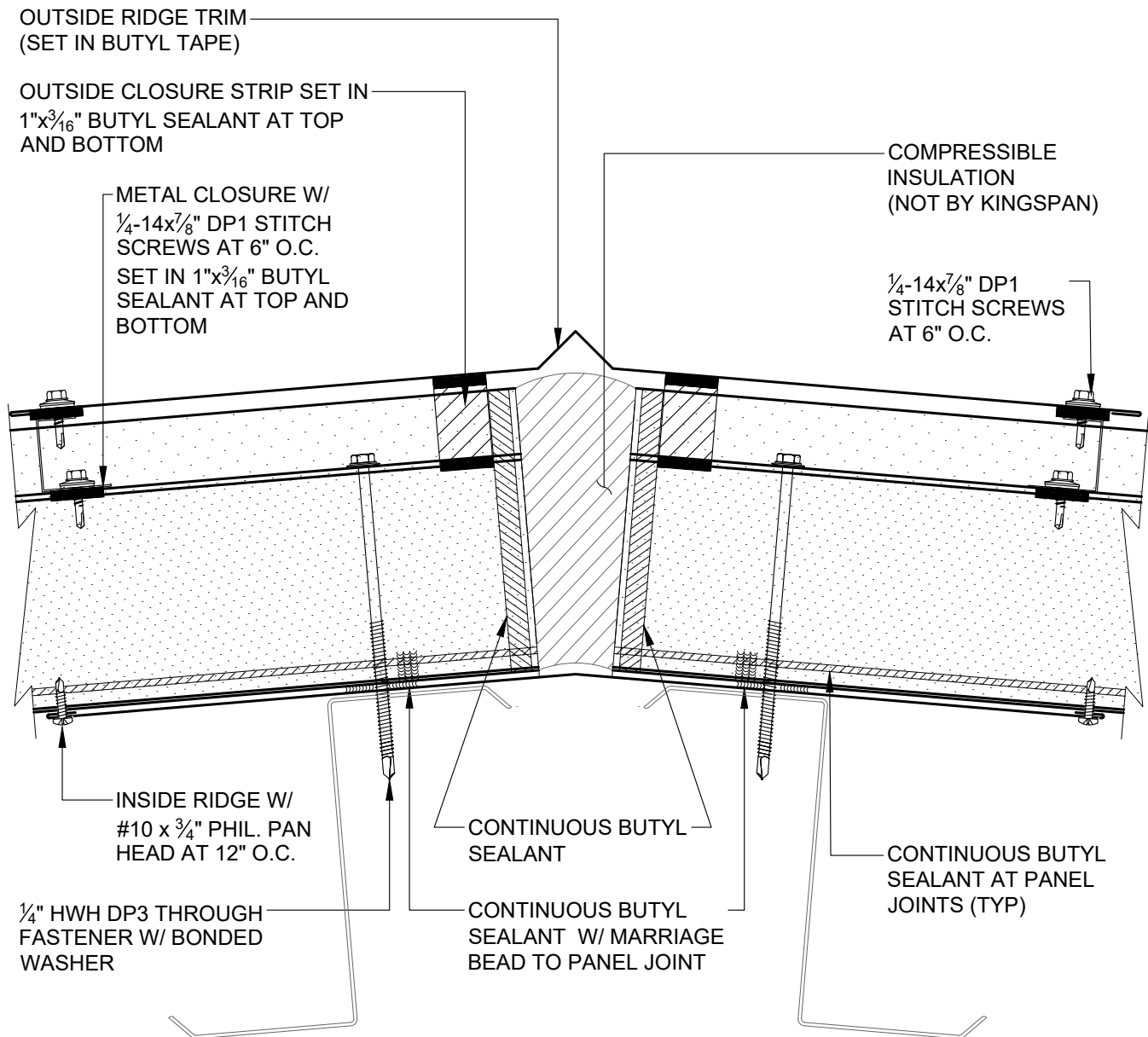
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RIDGE

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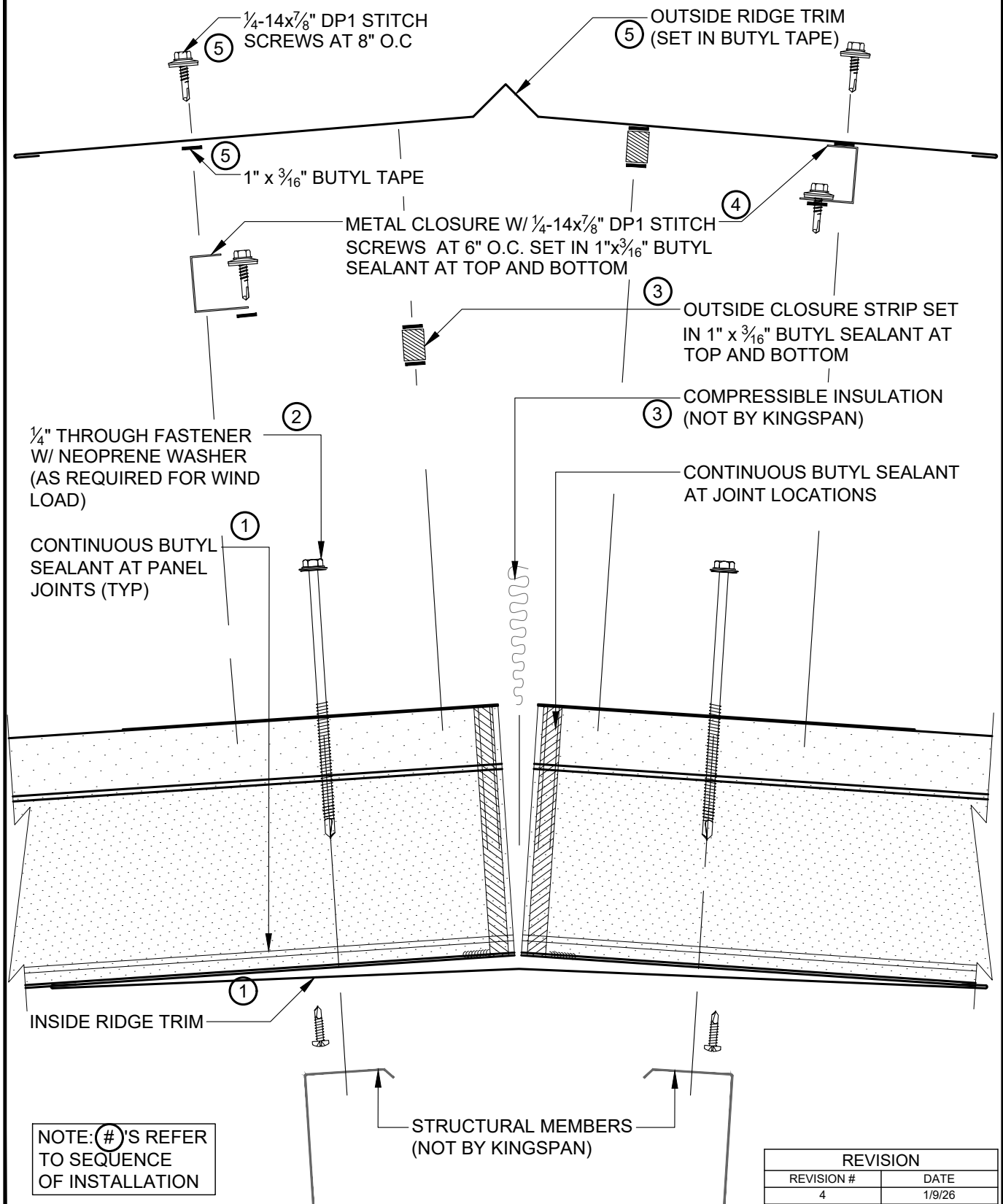
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RIDGE ASSEMBLY

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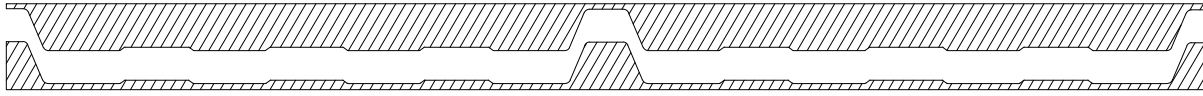
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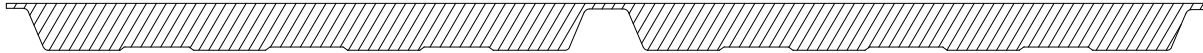


KINGRIB HR-3 / HR-5 SERIES ROOF PANEL

HR 3 STANDARD ROOF CLOSURE SET



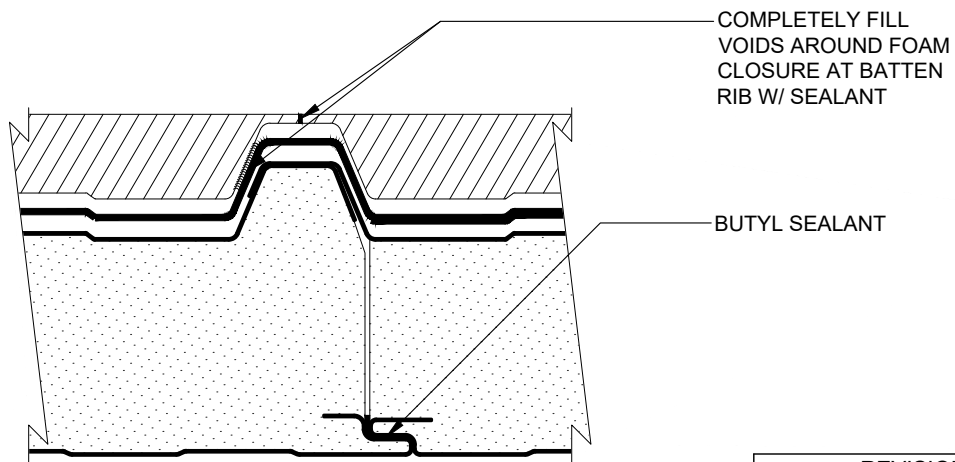
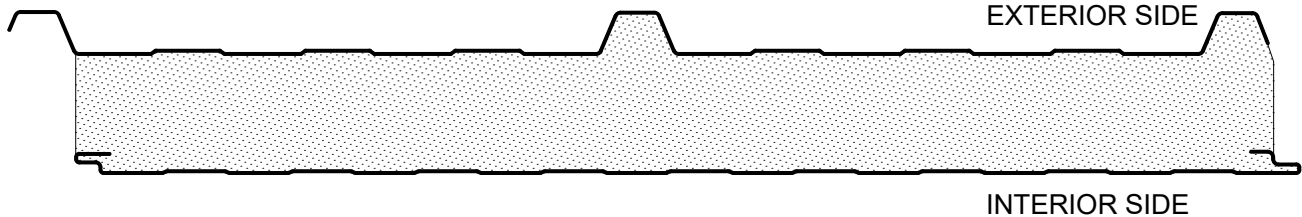
HR 3 OUTSIDE CLOSURE



BUTYL TAPE



KINGRIB 3



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RIDGE CLOSURE ASSEMBLY
HR-3

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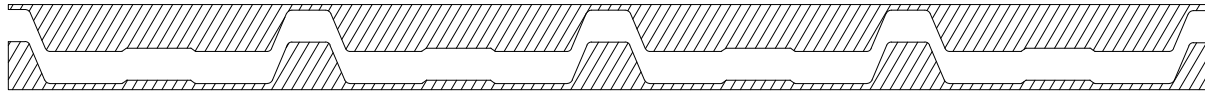
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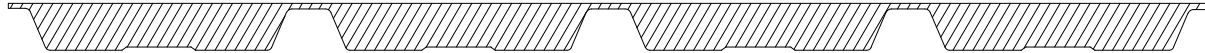


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HR 5 STANDARD ROOF CLOSURE SET



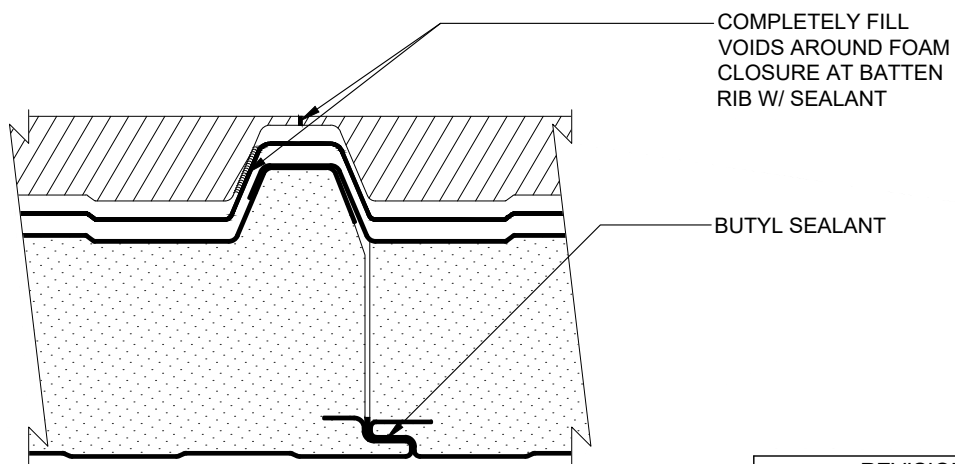
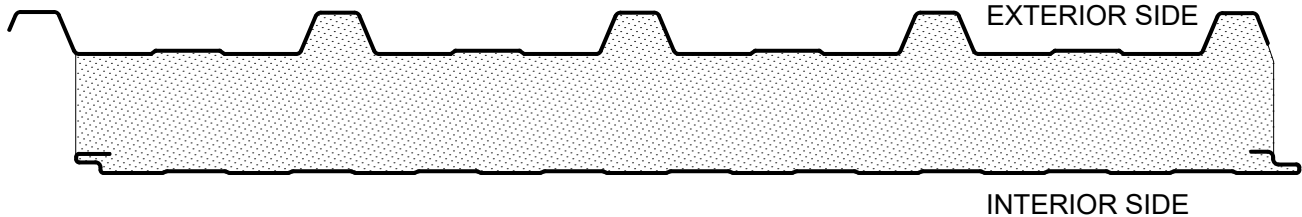
HR 5 OUTSIDE CLOSURE



BUTYL TAPE



KINGRIB 5



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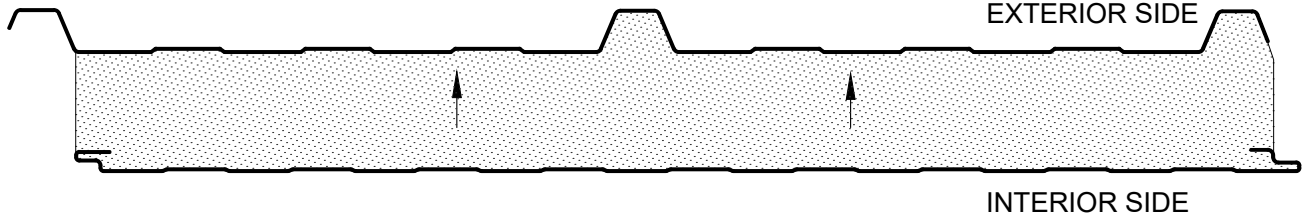
RIDGE CLOSURE ASSEMBLY
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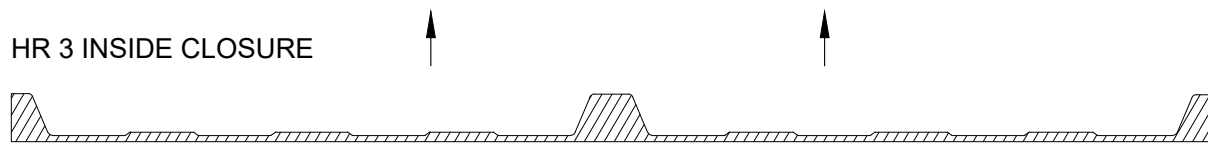
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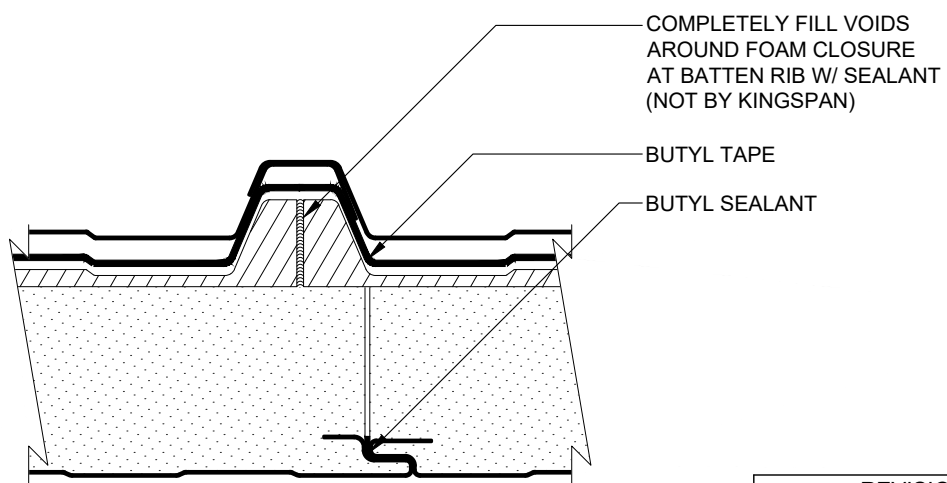
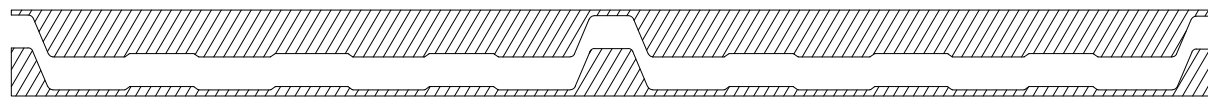
BUTYL TAPE



HR 3 INSIDE CLOSURE



HR 3 STANDARD ROOF CLOSURE SET



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EAVE CLOSURE ASSEMBLY
HR-3

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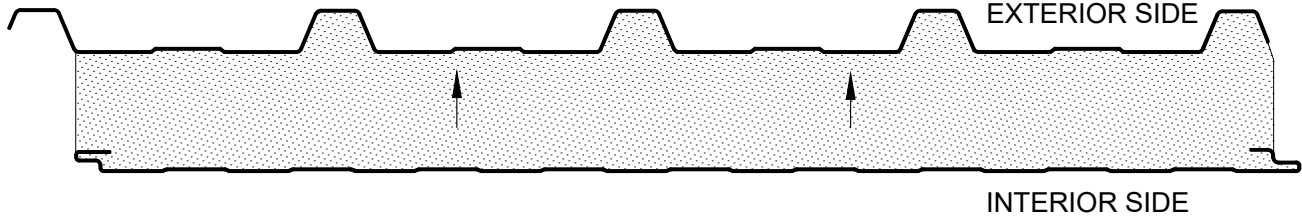
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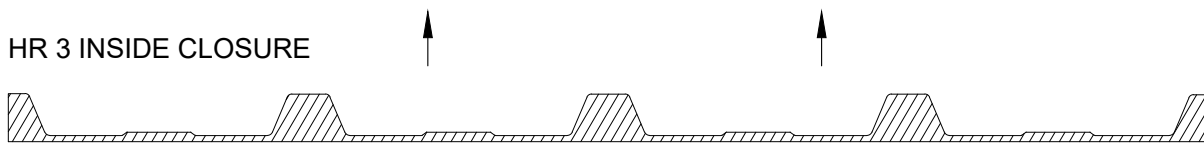
KINGRIB 5



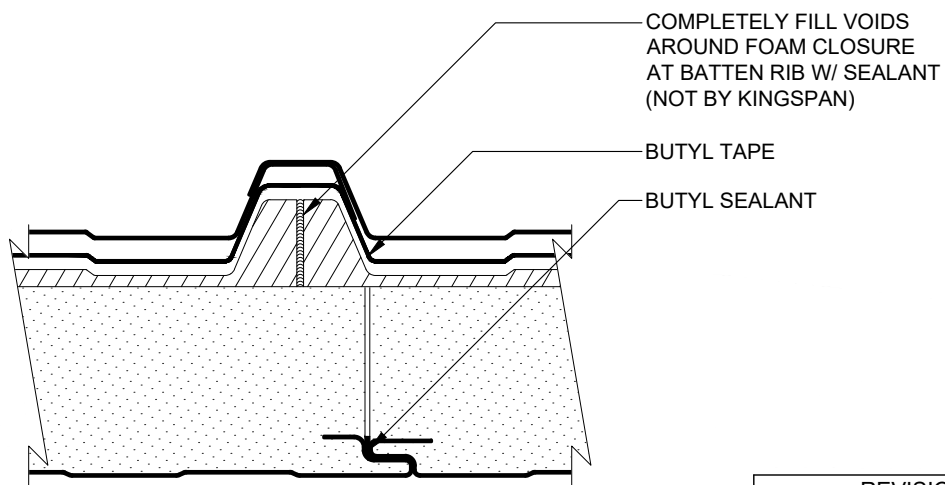
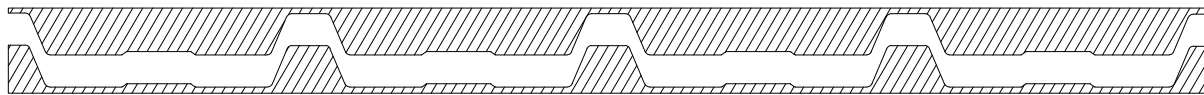
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HR 3 INSIDE CLOSURE



HR 5 STANDARD ROOF CLOSURE SET



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EAVE CLOSURE ASSEMBLY
HR-5

DETAIL #: CI-RD-06-KINGRIB

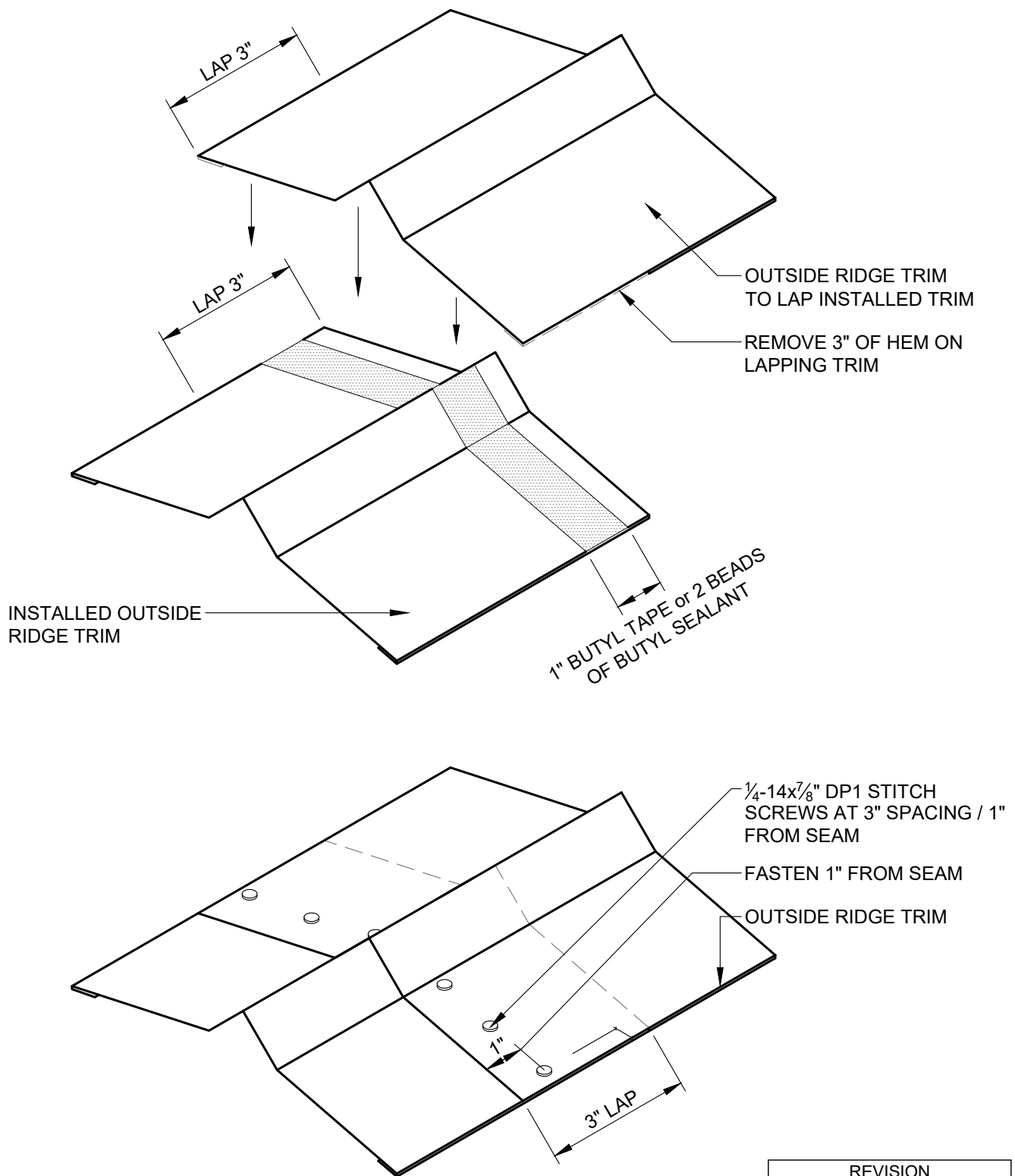
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RIDGE TRIM LAP

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CONTACT TECHNICAL SERVICES FOR GUTTER SUPPORT FASTENING/ SPACING

1/4-14x7/8" DP1 STITCH
SCREWS AT 16" O.C.

INSIDE CLOSURE STRIP
W/ BUTYL SEALANT AT
TOP AND BOTTOM

GUTTER HANGER W/ (5) 1/4-14x7/8"
DP1 STITCH SCREWS
(CONTACT TECHNICAL
SERVICES FOR
FASTENING/SPACING)

GUTTER
TRIM

3"
CUTBACK

F.I.P. INSULATION
(NOT BY KINGSPAN)

CONTINUOUS BUTYL
SEALANT BETWEEN TRIMS

CAP TRIM

KS JOINT FILLER
GASKET 14174

BIRD BLOCK W/
1/4 - 14 x 7/8" DP1 STITCH
SCREWS AT 12" 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 VERTICAL PANEL JOINT
INSTALLER TO ENSURE THERE
ARE NO GAPS IN SEALANT

BUTYL TAPE SEALANT STRIP
UNDER GUTTER HANGER

SADDLE WASHER W/ 1/4" HWH DP3
FASTENER W/ BONDED WASHER
SPACED AT 12" O.C.
(PILOT HOLE RECOMMENDED)

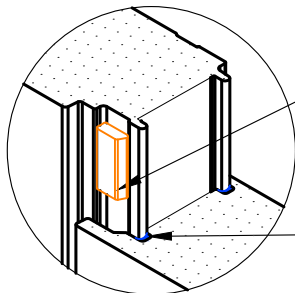
CONTINUOUS BUTYL
SEALANT W/ MARRIAGE
BEAD TO PANEL JOINT

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

CAP TRIM W/ 1/4"-14x1" PANCAKE
DP3 FASTENERS W/O BONDED
WASHER AT 12" O.C.

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

LOW EAVE STRUT
(NOT BY KINGSPAN) CONNECT
FRAMING BUTT JOINTS W/
MEMBRANE TO ENSURE A
PROPER WEATHER SEAL



KS JOINT
FILLER GASKET
INSTALLED IN
JOINT CAVITY

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

NOTE: FIELD-REMOVE FOAM
AND LINER AT CUTBACK.

REVISION

REVISION #	DATE
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LOW EAVE - KINGRIB
NORTHERN GUTTER

DETAIL #: CI-EV-01-KINGRIB

RELEASE: 2025

REGION: NORTH AMERICA

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KINGRIB HR-3 / HR-5 SERIES ROOF PANEL

METAL CLOSURE W/ 1"X $\frac{3}{16}$ " BUTYL SEALANT TOP AND BOTTOM, REFER TO SHEET FOR FASTENING INFORMATION

OUTSIDE CLOSURE STRIP SET IN BUTYL SEALANT AT TOP AND BOTTOM

HIGH EAVE TRIM

F.I.P. INSULATION (NOT BY KINGSPAN)

CONTINUOUS BUTYL SEALANT BETWEEN TRIMS

CAP TRIM

KS JOINT FILLER GASKET 14174

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

FIELD OR FACTORY APPLIED CONTINUOUS BUTYL SEALANT IN VERTICAL PANEL JOINT INSTALLER TO ENSURE THERE ARE NO GAPS IN SEALANT

1/4-14x $\frac{7}{8}$ " DP1 STITCH SCREWS AT 16" O.C.

1/2"

1 1/2" - 6"

(3) 1/4" HWH DP3 THROUGH FASTENER W/ BONDED WASHER PER PANEL (SPACED EVENLY)

CONTINUOUS BUTYL SEALANT W/ MARRIAGE BEAD TO PANEL JOINT

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

CAP TRIM W/ 1/4"-14x1" PANCAKE DP3 FASTENERS W/O BONDED WASHER AT 12" O.C.

HIGH EAVE STRUT (NOT BY KINGSPAN) CONNECT FRAMING BUTT JOINTS W/ MEMBRANE TO ENSURE A PROPER WEATHER SEAL

KS JOINT FILLER GASKET INSTALLED IN JOINT CAVITY

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

NOTE: BARE HRC- PROVIDED FOR PROJECTS WITH ROOF SLOPE $\leq 1:12$ AND EAVE HEIGHT $\geq 20'$.

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HIGH EAVE - KINGRIB
NORTHERN GUTTER

DETAIL #: CI-EV-02-KINGRIB

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KINGRIB HR-3 / HR-5 SERIES ROOF PANEL

CONTACT TECHNICAL SERVICES FOR GUTTER SUPPORT FASTENING/ SPACING

1/4-14x7/8" DP1 STITCH
SCREWS AT 16" O.C.

INSIDE CLOSURE STRIP W/ BUTYL
SEALANT AT TOP AND BOTTOM

GUTTER HANGER W/ (5) 1/4-14x7/8"
DP1 STITCH SCREWS
(CONTACT TECHNICAL SERVICES
FOR FASTENING/SPACING)

BUTYL TAPE SEALANT STRIP
UNDER GUTTER HANGER

SADDLE WASHER W/ 1/4" HWH DP3
FASTENER W/ BONDED WASHER
SPACED AT 12" O.C.
(PILOT HOLE RECOMMENDED)

3"
CUTBACK

F.I.P. INSULATION
(NOT BY KINGSPAN)

CONTINUOUS BUTYL
SEALANT BETWEEN TRIMS

CAP TRIM

KS JOINT FILLER
GASKET 14174

BIRD BLOCK W/
1/4 - 14 x 7/8" DP1 STITCH
SCREWS AT 12" 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 VERTICAL PANEL JOINT
INSTALLER TO ENSURE THERE
ARE NO GAPS IN SEALANT

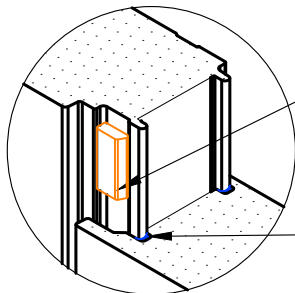
CONTINUOUS BUTYL
SEALANT W/ MARRIAGE
BEAD TO PANEL JOINT

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

CAP TRIM W/ 1/4"-14x1" PANCAKE
DP3 FASTENERS W/O BONDED
WASHER AT 12" O.C.

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

LOW EAVE STRUT
(NOT BY KINGSPAN) CONNECT
FRAMING BUTT JOINTS W/
MEMBRANE TO ENSURE A
PROPER WEATHER SEAL



KS JOINT
FILLER GASKET
INSTALLED IN
JOINT CAVITY

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

NOTE: FIELD-REMOVE FOAM
AND LINER AT CUTBACK.

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LOW EAVE - KINGRIB
SOUTHERN GUTTER

DETAIL #: CI-EV-03-KINGRIB

RELEASE: 2025

REGION: NORTH AMERICA

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KINGRIB HR-3 / HR-5 SERIES ROOF PANEL

METAL CLOSURE W/ 1"X $\frac{3}{16}$ " BUTYL SEALANT TOP AND BOTTOM, REFER TO SHEET FOR FASTENING INFORMATION

OUTSIDE CLOSURE STRIP SET IN BUTYL SEALANT AT TOP AND BOTTOM

HIGH EAVE TRIM

F.I.P. INSULATION (NOT BY KINGSPAN)

CONTINUOUS BUTYL SEALANT BETWEEN TRIMS

CAP TRIM

KS JOINT FILLER GASKET 14174

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

FIELD OR FACTORY APPLIED CONTINUOUS BUTYL SEALANT IN VERTICAL PANEL JOINT INSTALLER TO ENSURE THERE ARE NO GAPS IN SEALANT

$\frac{1}{4}$ -14x $\frac{7}{8}$ " DP1 STITCH SCREWS AT 16" O.C.

$\frac{1}{2}$ "

$1\frac{1}{2}$ "-6"

(3) $\frac{1}{4}$ " HWH DP3 THROUGH FASTENER W/ BONDED WASHER PER PANEL (SPACED EVENLY)

CONTINUOUS BUTYL SEALANT W/ MARRIAGE BEAD TO PANEL JOINT

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

CAP TRIM W/ 1/4"-14x1" PANCAKE DP3 FASTENERS W/O BONDED WASHER AT 12" O.C.

HIGH EAVE STRUT (NOT BY KINGSPAN) CONNECT FRAMING BUTT JOINTS W/ MEMBRANE TO ENSURE A PROPER WEATHER SEAL

KS JOINT FILLER GASKET INSTALLED IN JOINT CAVITY

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

NOTE: BARE HRC- PROVIDED FOR PROJECTS WITH ROOF SLOPE $\leq 1:12$ AND EAVE HEIGHT $\geq 20'$.

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HIGH EAVE - KINGRIB
SOUTHERN GUTTER

DETAIL #: CI-EV-04-KINGRIB

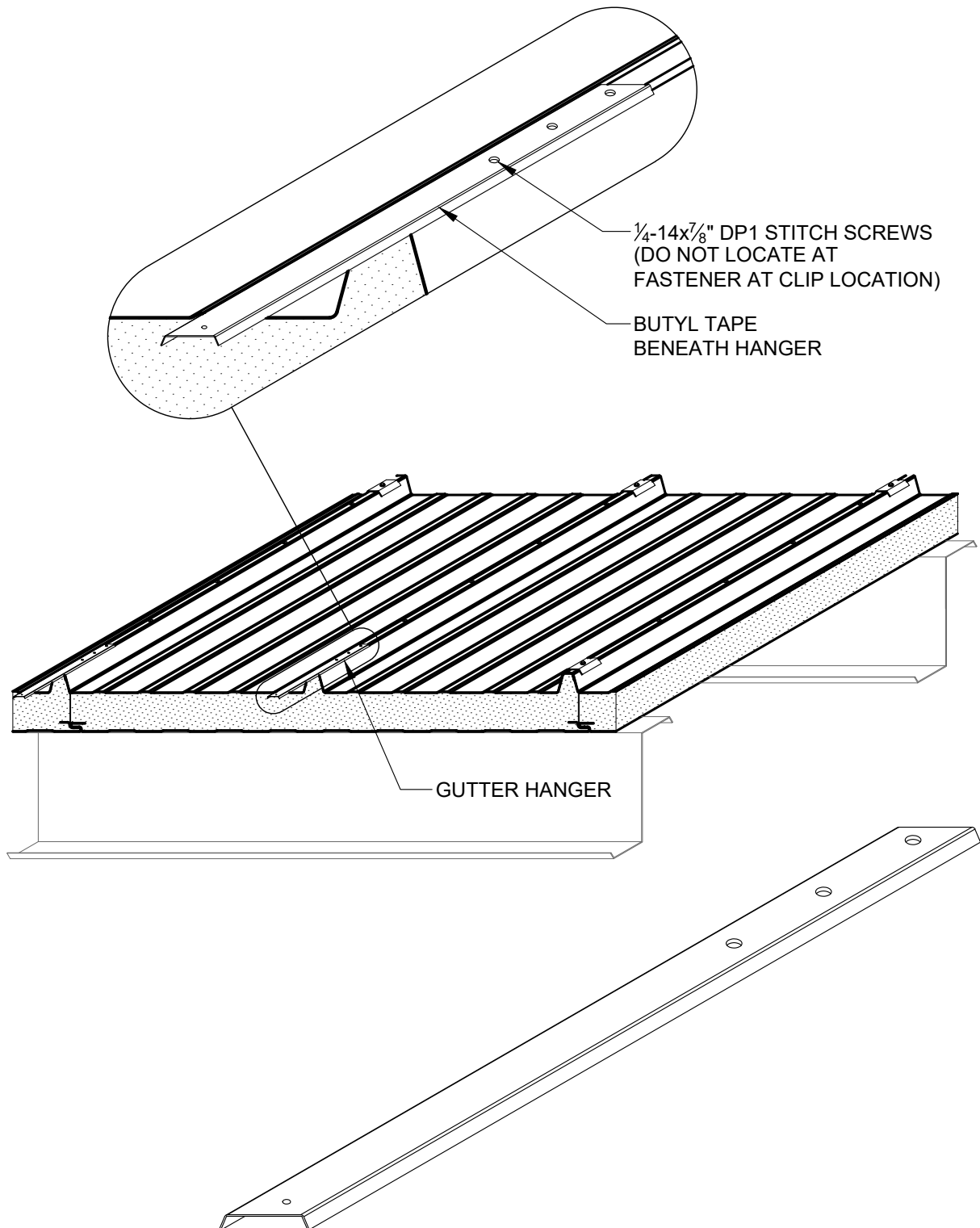
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KINGRIB HR-3 / HR-5 SERIES ROOF PANEL



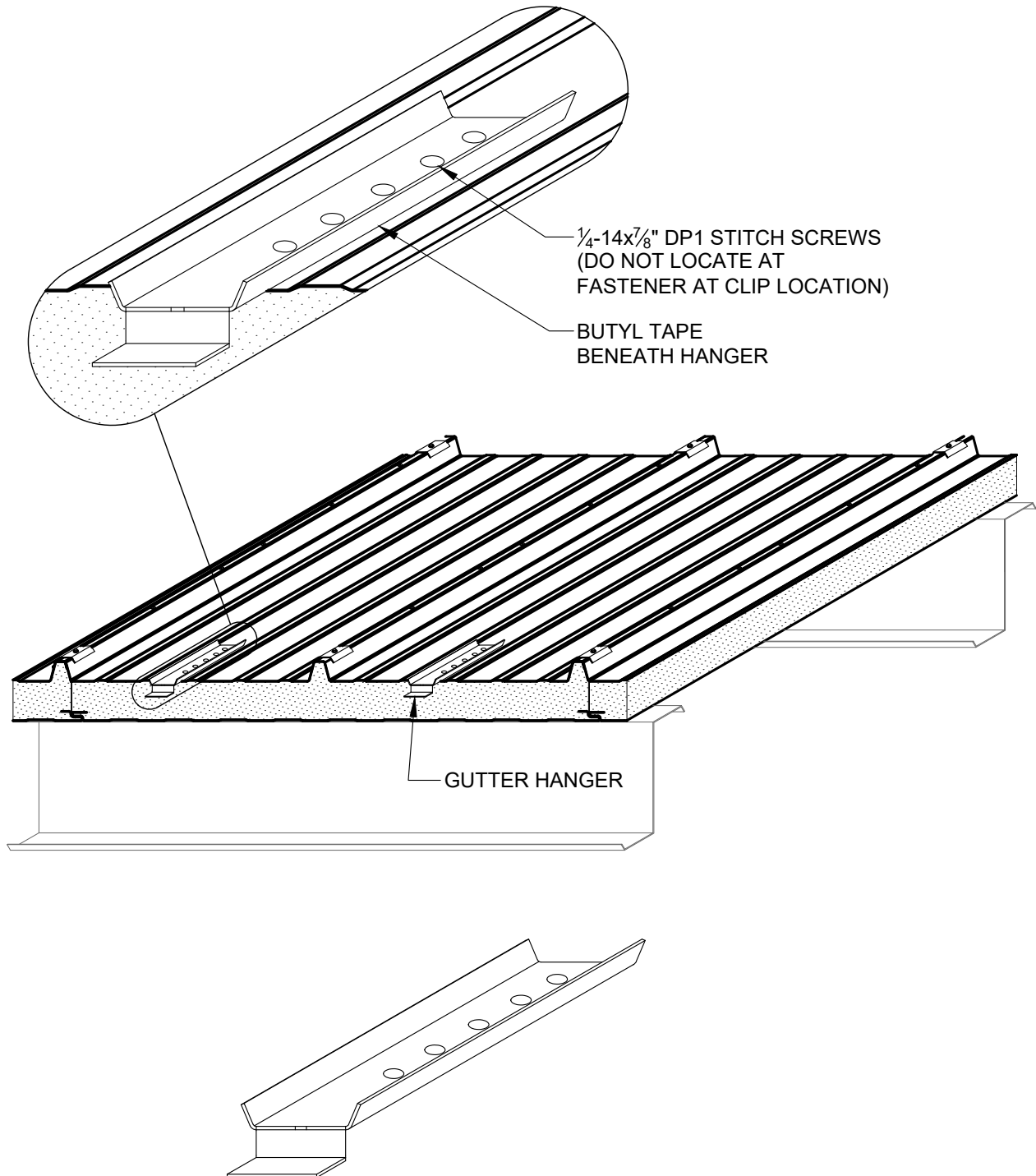
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KINGRIB GUTTER HANGER -
SOUTHERN

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KINGRIB HR-3 / HR-5 SERIES ROOF PANEL



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KINGRIB GUTTER HANGER -
NORTHERN

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KINGRIB HR-3 / HR-5 SERIES ROOF PANEL

1/4"-14x7/8" DP1 STITCH
SCREWS AT 12" O.C.

FIELD-CUT HI-RIB
OVERLAP AS NEEDED

1"x3/16" BUTYL TAPE
SEALANT

1/4" HWH DP3 THROUGH
FASTENER W/ BONDED
WASHER AT EACH PURLIN

1 1/2" - 6"

F.I.P. INSULATION
(NOT BY KINGSPAN)

CONTINUOUS BUTYL
SEALANT BETWEEN TRIMS

CAP TRIM W/ POP
RIVET AT 8" O.C.

KS JOINT FILLER
GASKET 14174

POP RIVET AT 8" 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 VERTICAL PANEL JOINT
INSTALLER TO ENSURE THERE
ARE NO GAPS IN SEALANT

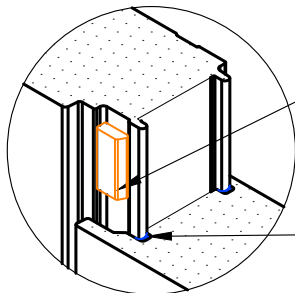
CONTINUOUS BUTYL
SEALANT

CONTINUOUS BUTYL SEALANT
W/ MARRIAGE BEAD ACROSS
PANEL JOINT

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

CAP TRIM W/ 1/4"-14x1" PANCAKE
DP3 FASTENERS W/O BONDED
WASHER AT 12" O.C.

SECONDARY FRAMING AND
RAKE ANGLE BY OTHERS
(NOT BY KINGSPAN)
CONNECT FRAMING BUTT
JOINTS W/ MEMBRANE TO
ENSURE PROPER WEATHER
SEAL



KS JOINT
FILLER GASKET
INSTALLED IN
JOINT CAVITY

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

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RAKE FASCIA - KINGRIB
NORTHERN GUTTER

DETAIL #: CI-RK-01-KINGRIB

RELEASE: 2025

REGION: NORTH AMERICA

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KINGRIB HR-3 / HR-5 SERIES ROOF PANEL

1/4" HWH DP3 THROUGH
FASTENER W/ BONDED
WASHER AT EACH PURLIN

FIELD-CUT HI-RIB
OVERLAP AS NEEDED

1/4-14x7/8" DP1 STITCH
SCREWS AT 12" O.C.

1"x3/16" BUTYL TAPE
SEALANT

1 1/2" -6"

F.I.P. INSULATION
(NOT BY KINGSPAN)

CONTINUOUS BUTYL
SEALANT BETWEEN TRIMS

CAP TRIM W/ POP
RIVET AT 8" O.C.

KS JOINT FILLER
GASKET 14174

POP RIVET AT 8" 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 VERTICAL PANEL JOINT
INSTALLER TO ENSURE THERE
ARE NO GAPS IN SEALANT

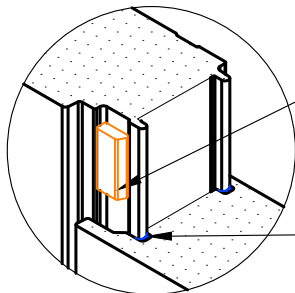
CONTINUOUS BUTYL
SEALANT

CONTINUOUS BUTYL SEALANT
W/ MARRIAGE BEAD ACROSS
PANEL JOINT

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

CAP TRIM W/ 1/4"-14x1" PANCAKE
DP3 FASTENERS W/O BONDED
WASHER AT 12" O.C.

SECONDARY FRAMING AND
RAKE ANGLE BY OTHERS
(NOT BY KINGSPAN)
CONNECT FRAMING BUTT
JOINTS W/ MEMBRANE TO
ENSURE PROPER WEATHER
SEAL



KS JOINT
FILLER GASKET
INSTALLED IN
JOINT CAVITY

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

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RAKE FASCIA - KINGRIB
SOUTHERN GUTTER

DETAIL #: CI-RK-02-KINGRIB

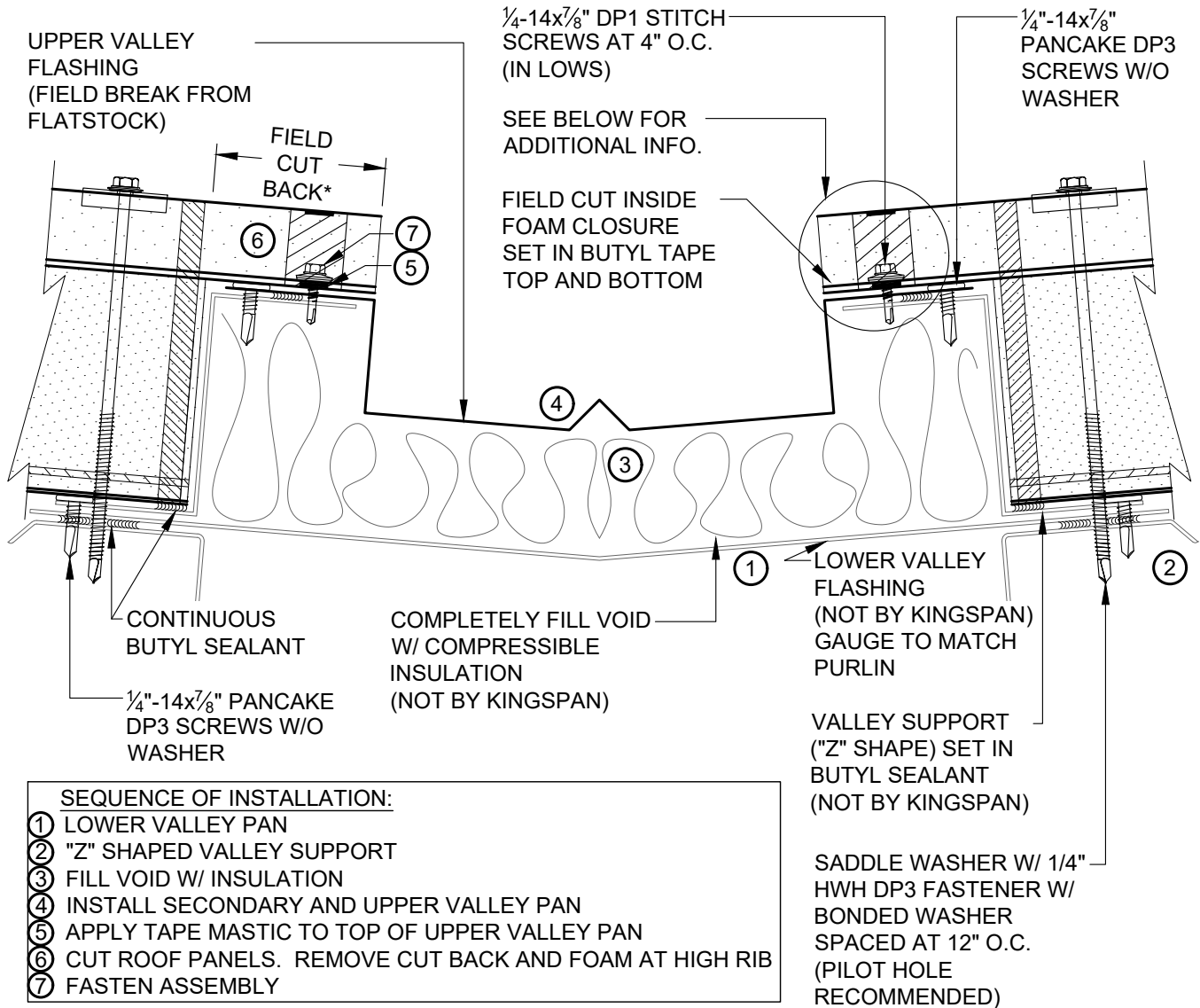
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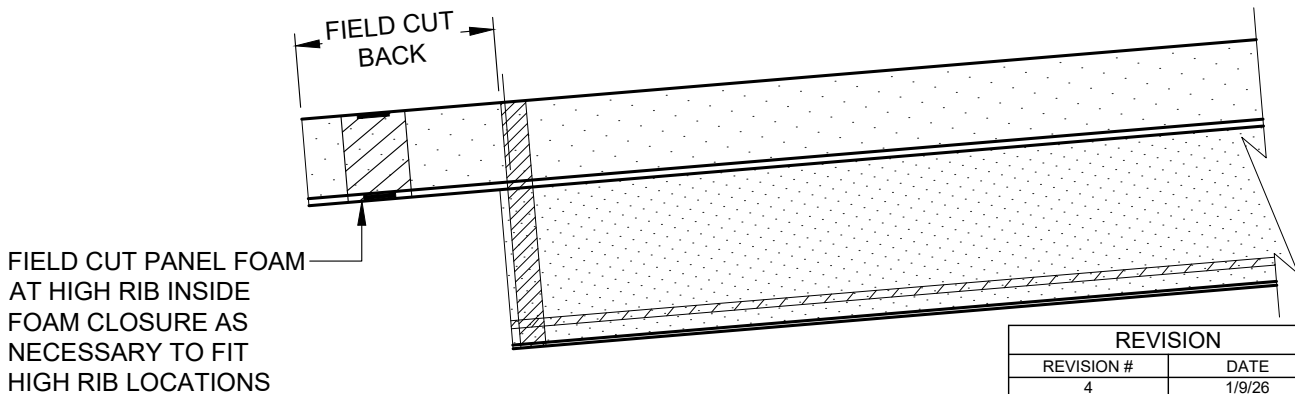
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KINGRIB HR-3 / HR-5 SERIES ROOF PANEL



* FIELD CUT ROOF PANELS FOR 4 1/4" OR 3" CUTBACK. CUTBACK SIZE TO MATCH THE EAVE CONDITION

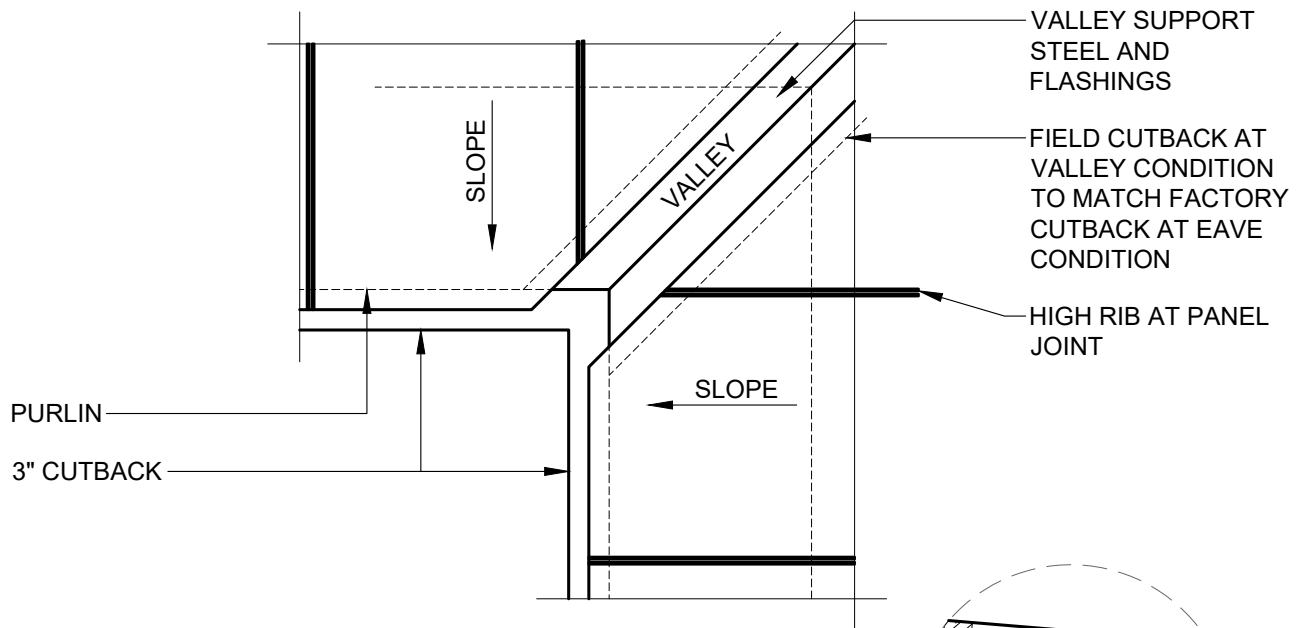


VALLEY CONDITION

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KINGRIB HR-3 / HR-5 SERIES ROOF PANEL



ROOF VALLEY PLAN

FIELD CUTBACK AT VALLEY CONDITION
TO MATCH FACTORY CUTBACK AT EAVE
CONDITION

UPPER VALLEY FLASHING

KINGRIB PANEL

HIGH RIB

LOW RIB

3" CUTBACK

PURLIN / SUPPORT
(NOT BY KINGSPAN)

LOWER VALLEY FLASHING
(NOT BY KINGSPAN)

COMPLETELY FILL VOID W/
COMPRESSIBLE INSULATION
(NOT BY KINGSPAN)

FIELD REMOVE FOAM
AND INSIDE SKIN

PURLIN / SUPPORT

FACTORY CUT
LINER SIDE

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VALLEY ASSEMBLY

DETAIL #: CI-VL-02-KINGRIB

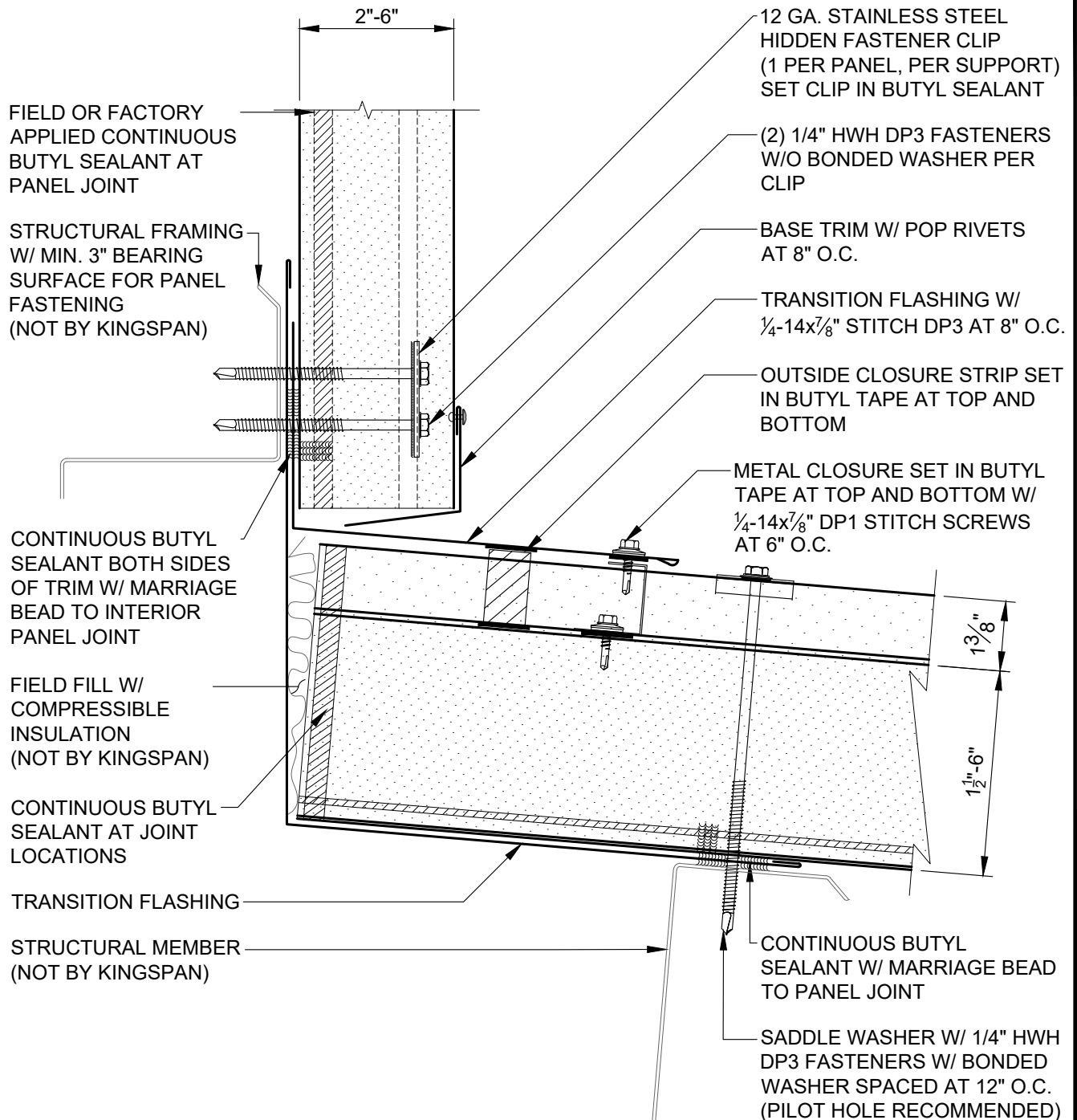
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KINGRIB HR-3 / HR-5 SERIES ROOF PANEL



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WALL TO ROOF
HIGH EAVE

DETAIL #: CI-WR-01-KINGRIB

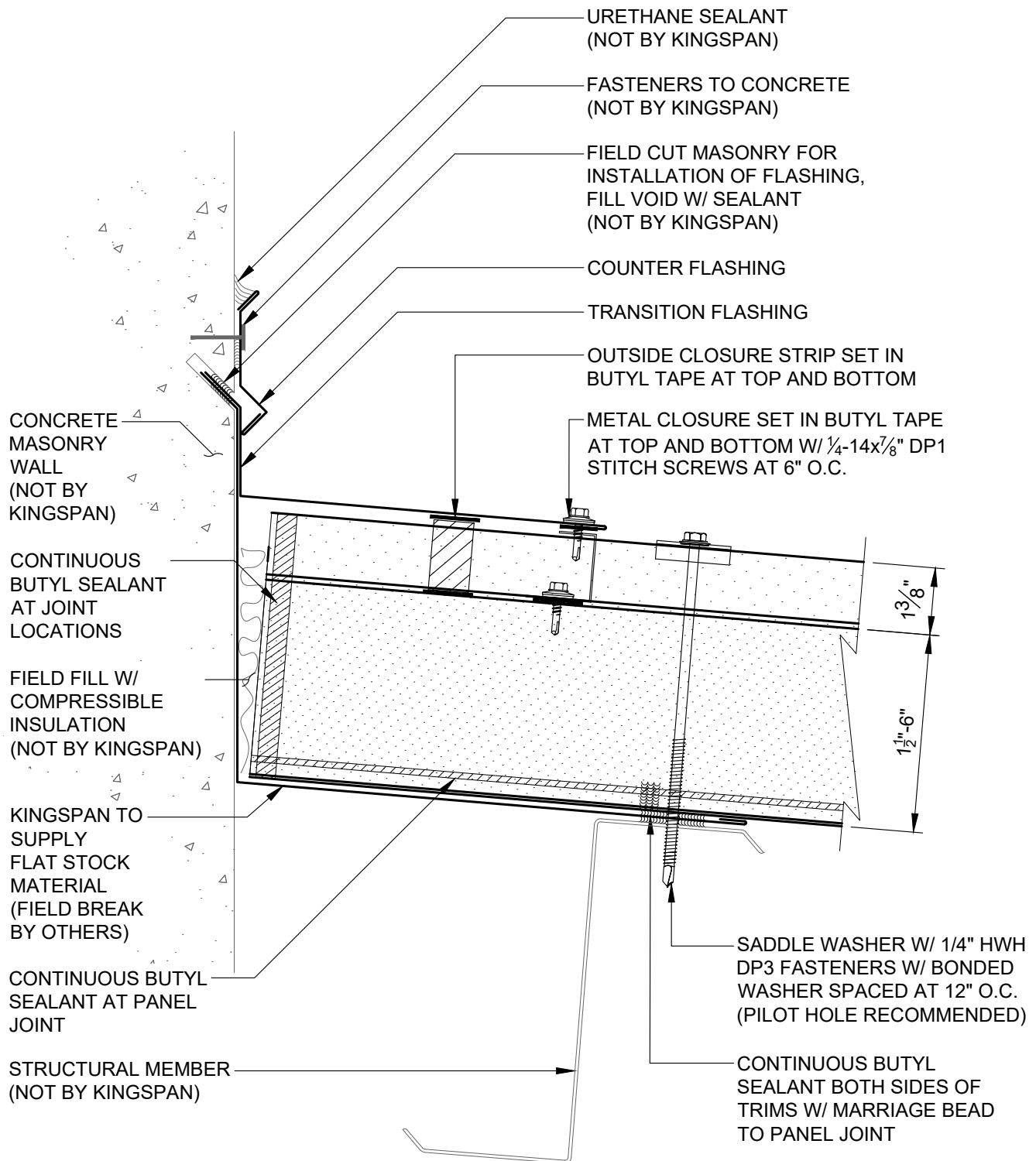
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KINGRIB HR-3 / HR-5 SERIES ROOF PANEL



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CONCRETE WALL
TO HIGH EAVE

DETAIL #: CI-WR-02-KINGRIB

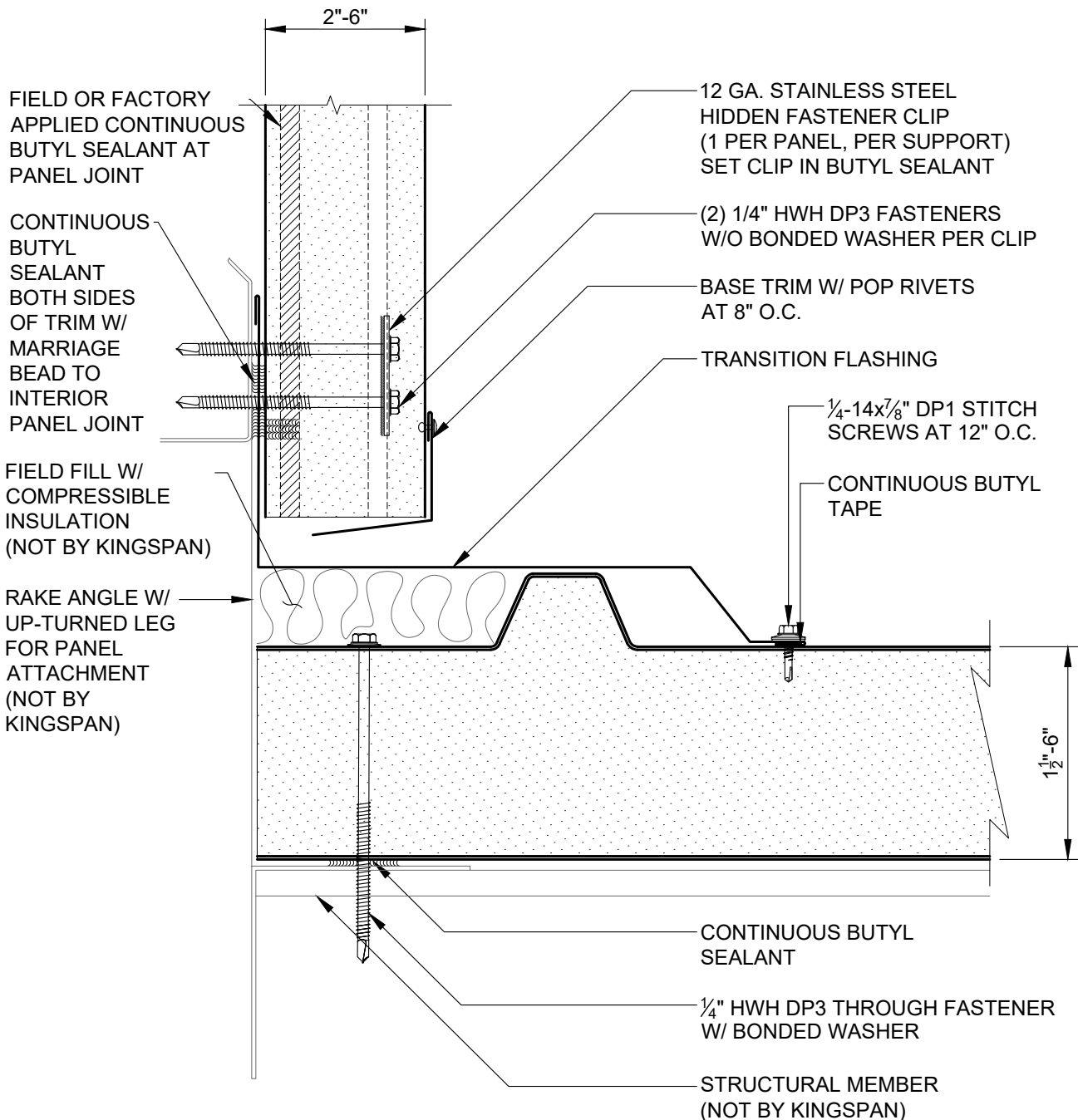
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KINGRIB HR-3 / HR-5 SERIES ROOF PANEL



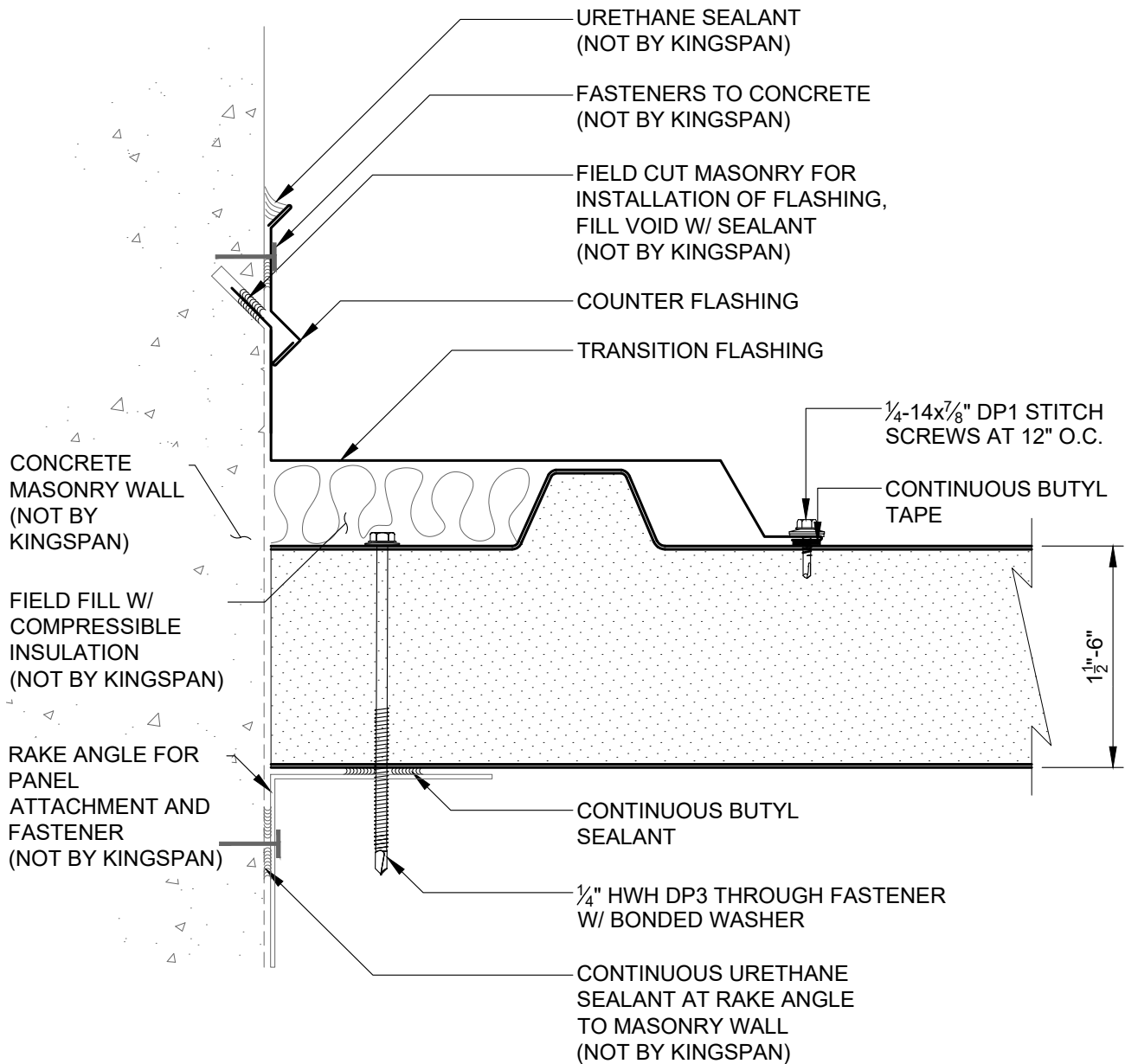
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WALL TO RAKE

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KINGRIB HR-3 / HR-5 SERIES ROOF PANEL



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CONCRETE WALL
TO ROOF

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