

COVER SHEET

File: KS1000 RW ROOF_Q4_2023 HIGH HUMIDITY			
DWG_NO	DETAIL	REV	SCALE
RW_HH_01	COVER SHEET	-	NTS
RW_HH_02	PANEL DIMENSIONS	-	NTS
RW_HH_03	PRIMARY FIXING LOCATIONS	-	1:5 @A4
RW_HH_04	PANEL LAP DETAILS	-	1:5 @A4
RW_HH_05	RIDGE DETAIL	-	1:5 @A4
RW_HH_06	MONO PITCH RIDGE TO RW WALL	-	1:5 @A4
RW_HH_07	MONO PITCH ROOF OVERHANG TO RW WALL	-	1:5 @A4
RW_HH_08	MONO PITCH ROOF TO RW PARAPET WALL	-	1:5 @A4
RW_HH_09	VERGE TO RW WALL	-	1:5 @A4
RW_HH_10	VERGE OVERHANG TO RW WALL (START OF ROOF SHEET)	-	1:5 @A4
RW_HH_11	VERGE TO RW PARAPET (SITE TRIMMED ROOF SHEET)	-	1:5 @A4
RW_HH_12	VERGE TO RW PARAPET (END OF ROOF SHEET)	-	1:5 @A4
RW_HH_13	EAVES TO RW WALL	-	1:5 @A4
RW_HH_14	EAVES OVERHANG TO RW WALL	-	1:5 @A4
RW_HH_15	INTERNAL GUTTER - AWP PANEL (SITE BUILT)	-	1:5 @A4

DISCLAIMER

These details are provided as a guideline for correct panel and associated component installation, which are based on industry accepted practices.

The location of the vapour barrier and associated sealants in these details are for typical "high humidity" installations. Contact Kingspan Technical for specific detailing for low temp, standard or fire detailing.

All structural supports are 'not by Kingspan'. They are shown for clarification and illustrative purposes only.

Refer the product data sheet for maximum panel spans based on the project specific design loads as determined by the project engineer.

Timber sections are shown on these details however, closed section steel can be substituted.

The number of fixings on any detail is an indication only, the actual number required is project specific and need to be calculated based on project specific conditions. Refer to the project engineer.

These details are subject to change at anytime. Please refer to the Kingspan NZ website or Kingspan Technical for the latest version.

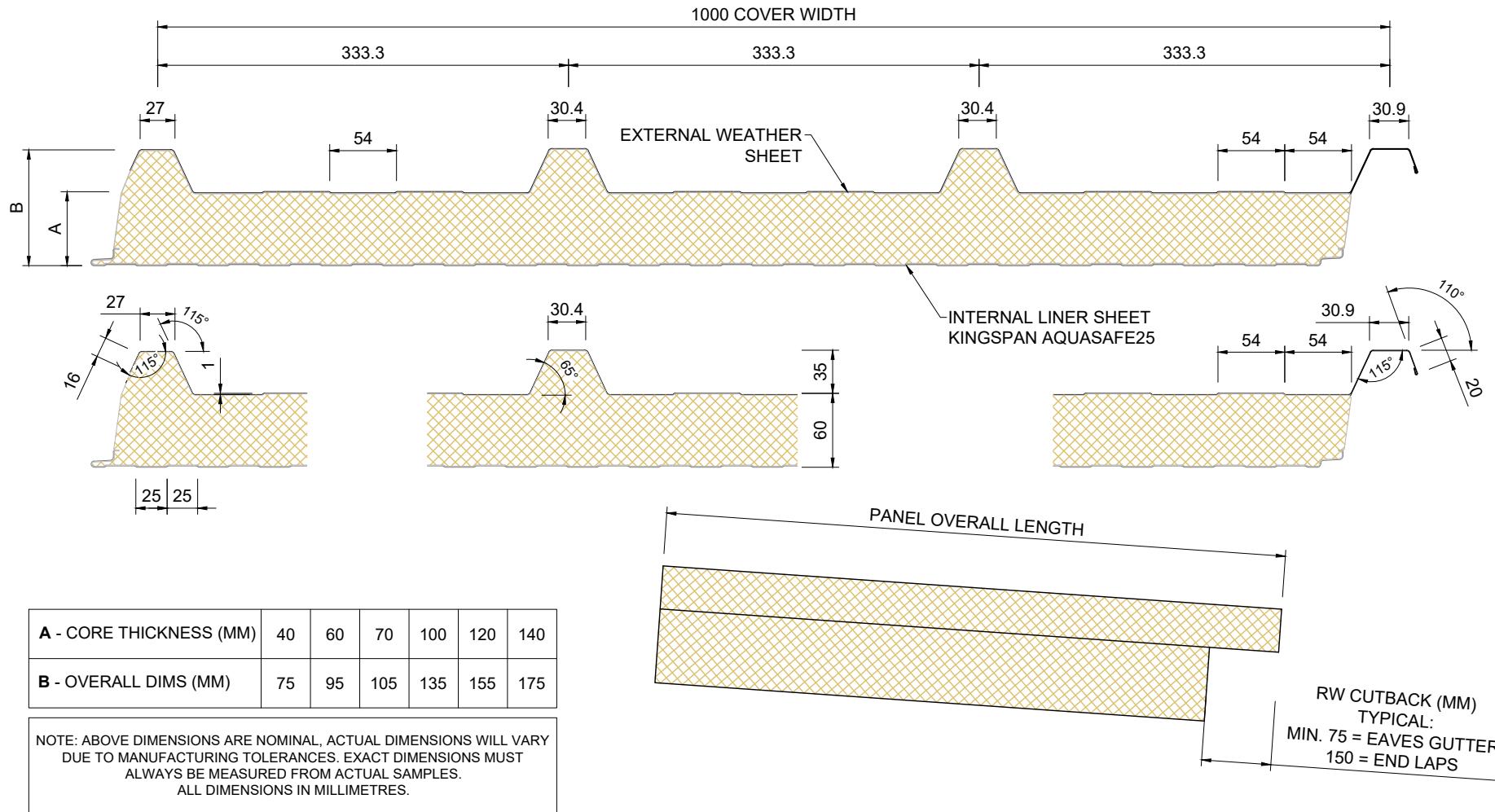
Dwg. Title	Scale
COVER SHEET	NTS
Application	Dwg. No.
KS1000 RW ROOF_Q4_2023 HIGH HUMIDITY	RW_HH_01 -

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PANEL DIMENSIONS



Dwg. Title

Panel Dimensions

Application

KS1000 RW ROOF_Q4_2023 HIGH HUMIDITY

Scale

NTS

Dwg. No.

Rev.

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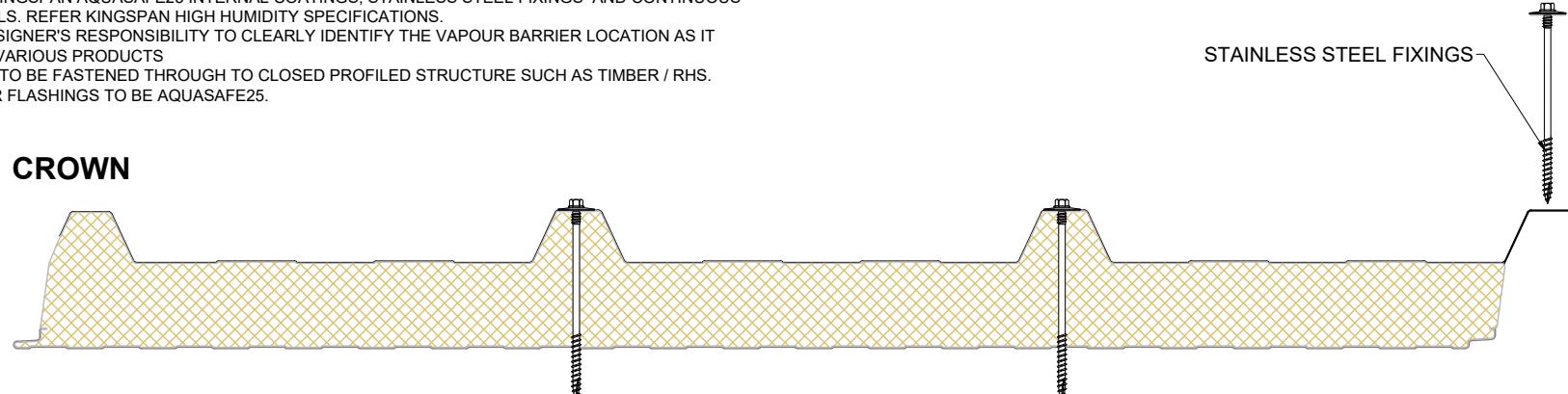


PRIMARY FIXING LOCATIONS

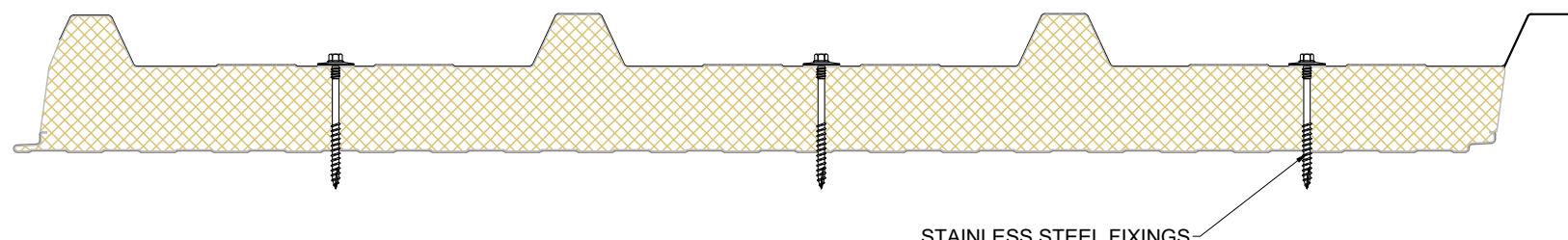
HIGH HUMIDITY DESIGN PRINCIPLES:

ARCHITECTS MUST CLEARLY IDENTIFY, ON DRAWINGS, THE LINE OF DEMARCACTION BETWEEN HIGH HUMIDITY ENVIRONMENTS AND STANDARD ENVIRONMENTS.
ALL PANELS WITHIN THE POOL ENVIRONMENT MUST BE INSTALLED IN ACCORDANCE WITH KINGSPAN HIGH HUMIDITY SPECIFICATIONS.
TYPICALLY KINGSPAN AQUASAFE25 INTERNAL COATINGS, STAINLESS STEEL FIXINGS AND CONTINUOUS VAPOUR SEALS. REFER KINGSPAN HIGH HUMIDITY SPECIFICATIONS.
IT IS THE DESIGNER'S RESPONSIBILITY TO CLEARLY IDENTIFY THE VAPOUR BARRIER LOCATION AS IT TRAVERSES VARIOUS PRODUCTS
ALL FIXINGS TO BE FASTENED THROUGH TO CLOSED PROFILED STRUCTURE SUCH AS TIMBER / RHS.
ALL INTERIOR FLASHINGS TO BE AQUASAFE25.

CROWN



VALLEY (UNDER RIDGE CAP AND APRON FLASHING LOCATIONS)



Dwg. Title	Scale	
Primary Fixing Locations	1:5 @A4	
Application	Dwg. No.	Rev.
KS1000 RW ROOF_Q4_2023 HIGH HUMIDITY	RW_HH_03	-

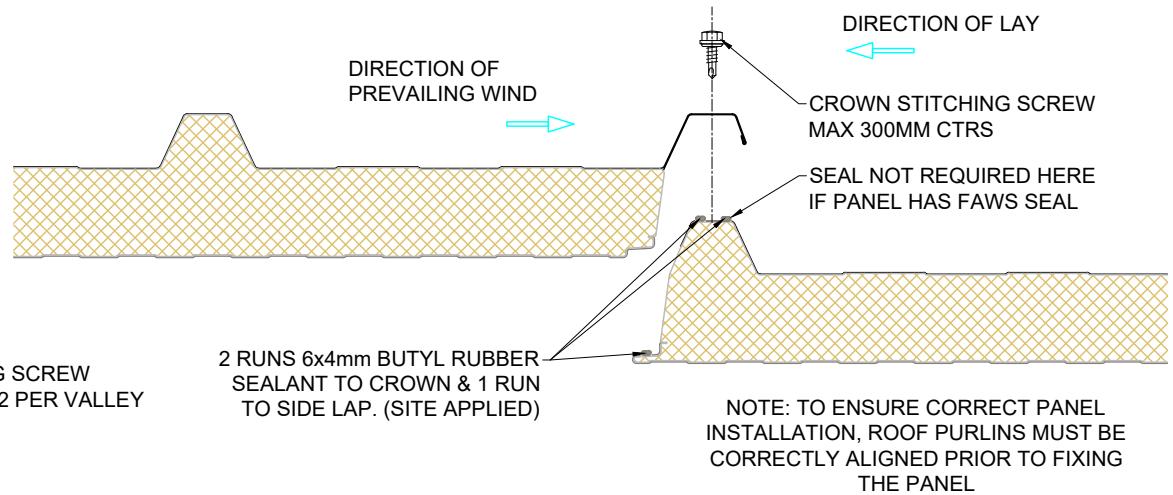
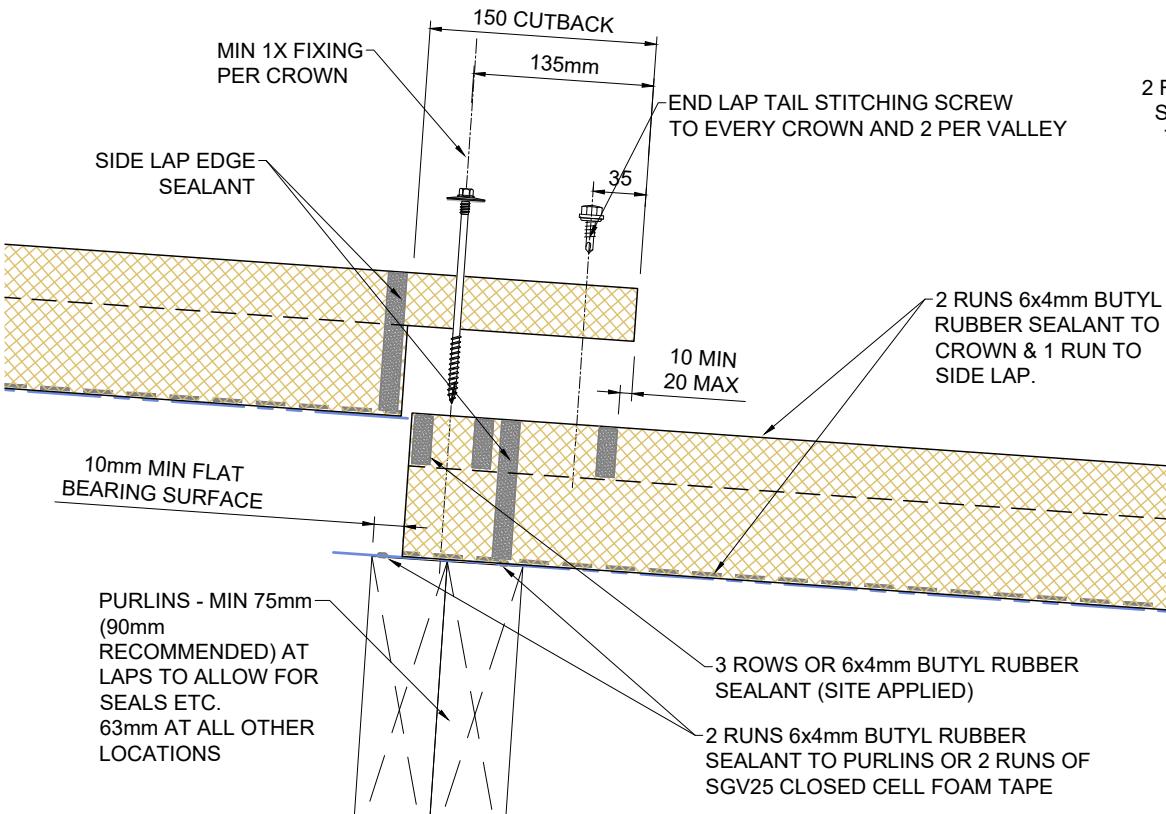
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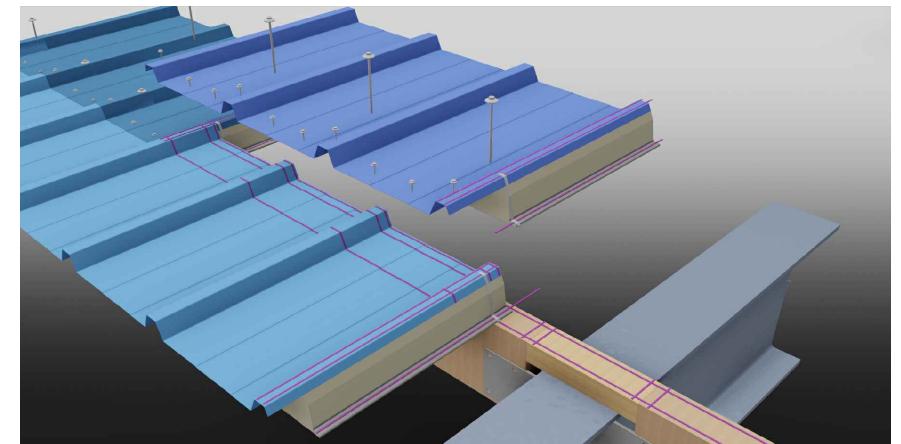
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PANEL LAP DETAILS

IMPORTANT:
MAIN FIXING MUST ENGAGE THROUGH BOTH UPPER & LOWER PANEL.



KS1000RW 4-WAY PANEL JOINT & PURLIN CROSSING RAFTER



Dwg. Title

Panel Lap Details

Scale

1:5 @A4

Application

KS1000 RW ROOF_Q4_2023 HIGH HUMIDITY

Dwg. No.

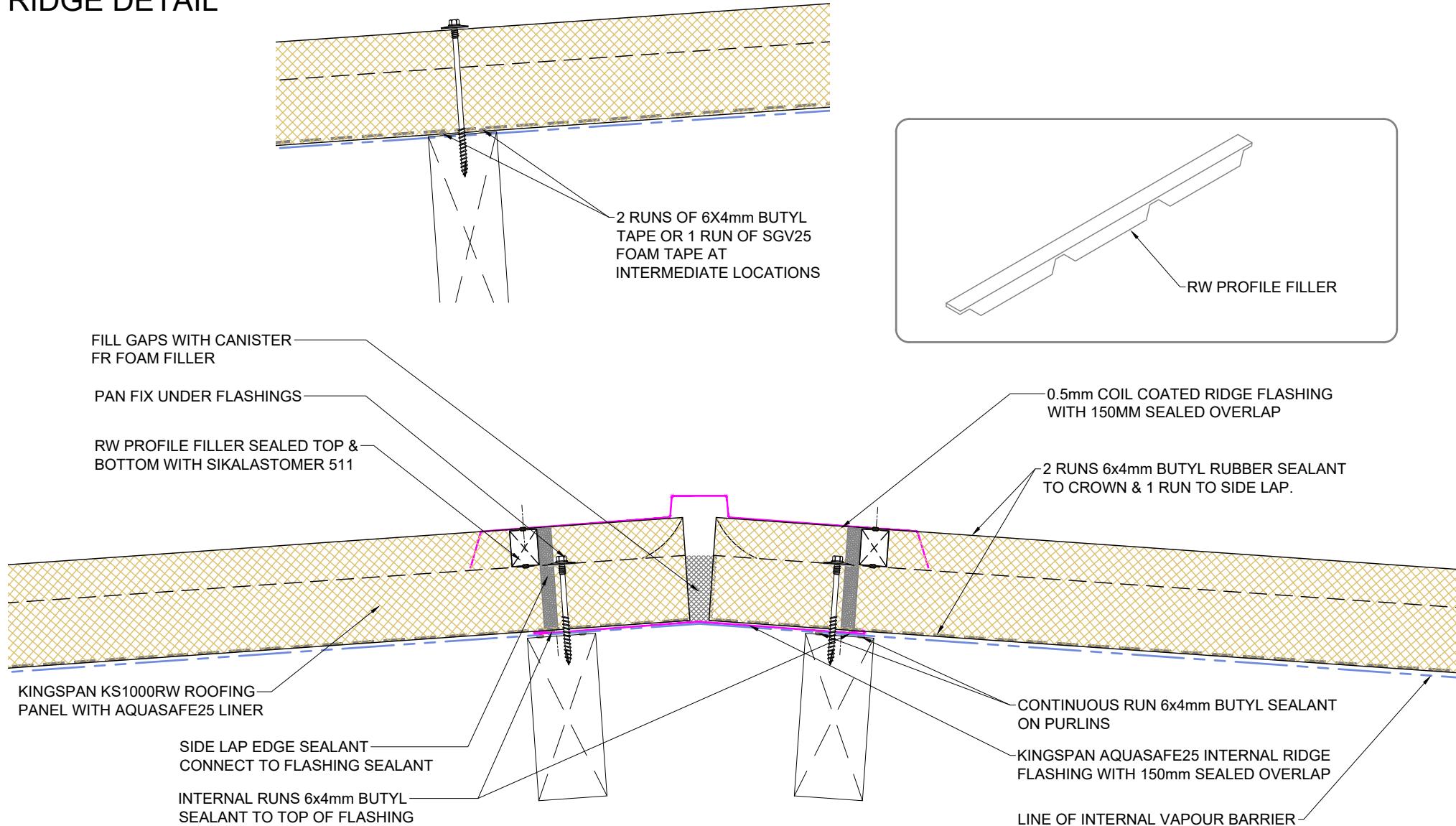
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RIDGE DETAIL



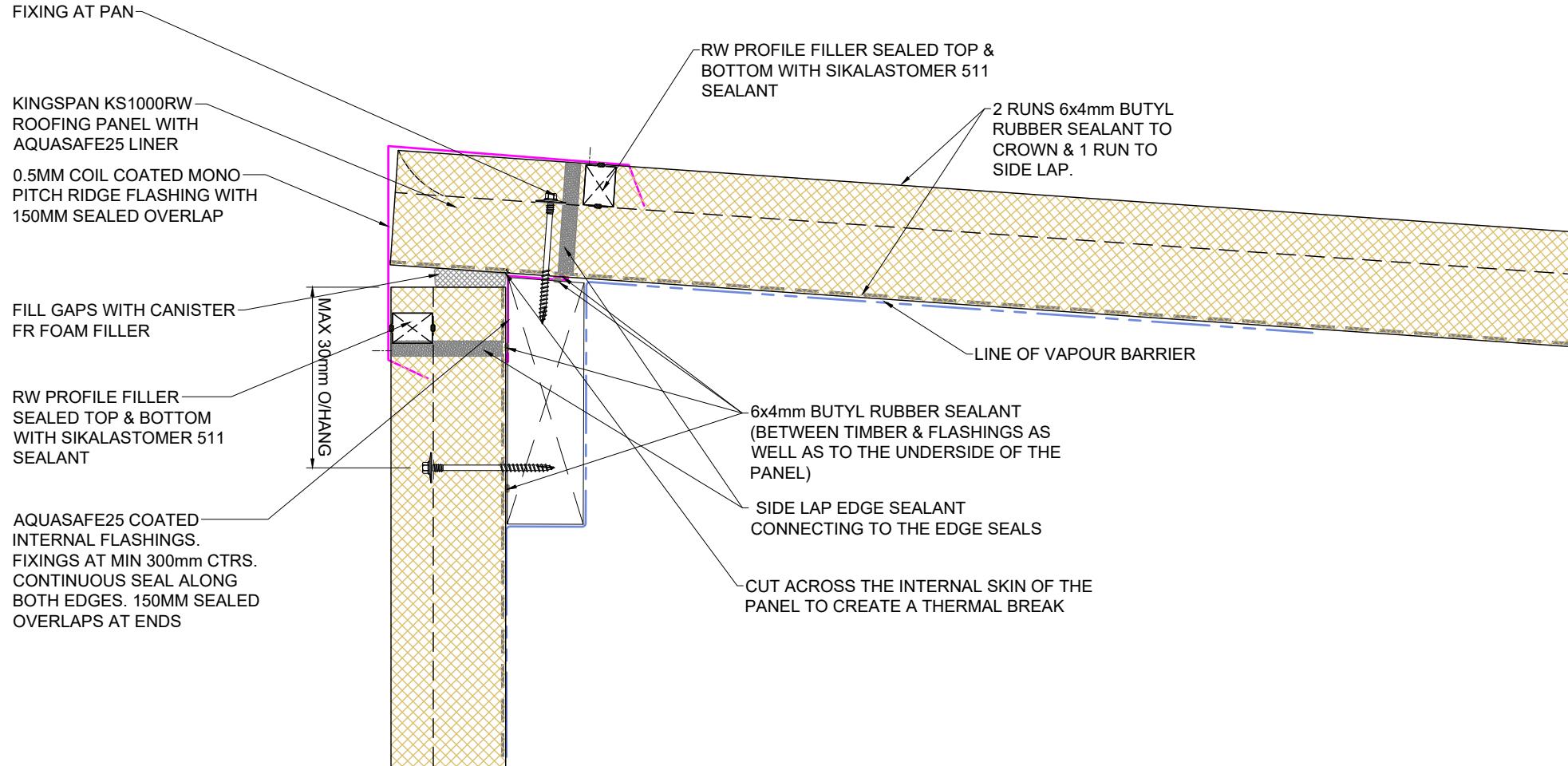
Dwg. Title	Scale	
Ridge Detail	1:5 @A4	
Application	Dwg. No.	Rev.
KS1000 RW ROOF_Q4_2023 HIGH HUMIDITY	RW_HH_05	-

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MONO PITCH RIDGE TO RW WALL



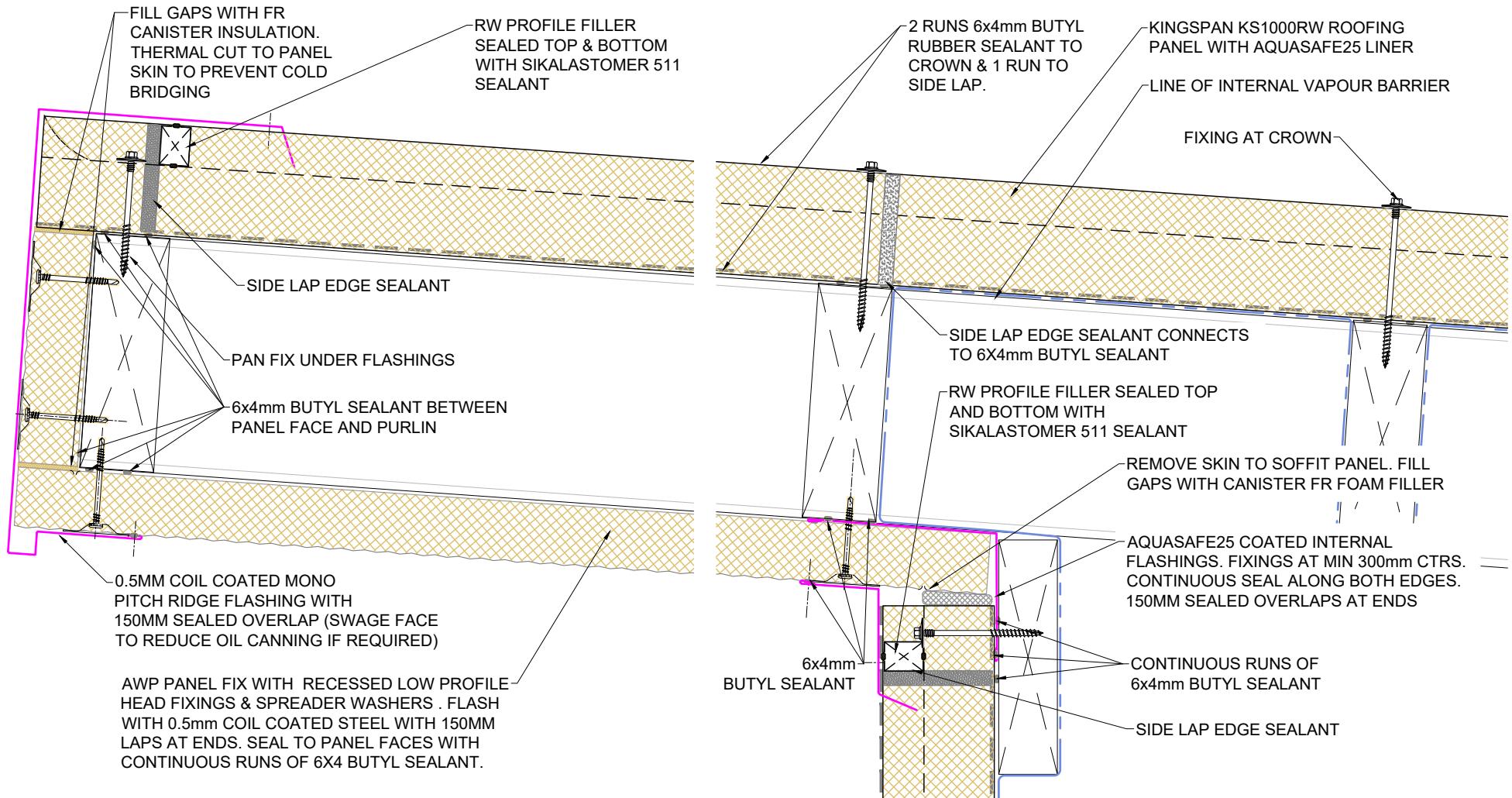
Dwg. Title	Scale		
Mono Pitch Ridge to RW Wall	1:5 @A4		
Application	Dwg. No.	Rev.	
KS1000 RW ROOF_Q4_2023 HIGH HUMIDITY	RW_HH_06	-	

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MONO PITCH ROOF OVERHANG TO RW WALL



Dwg. Title

Mono Pitch Roof Overhang to RW Wall

Scale

1:5 @A4

Application

KS1000 RW ROOF_Q4_2023 HIGH HUMIDITY

Dwg. No.

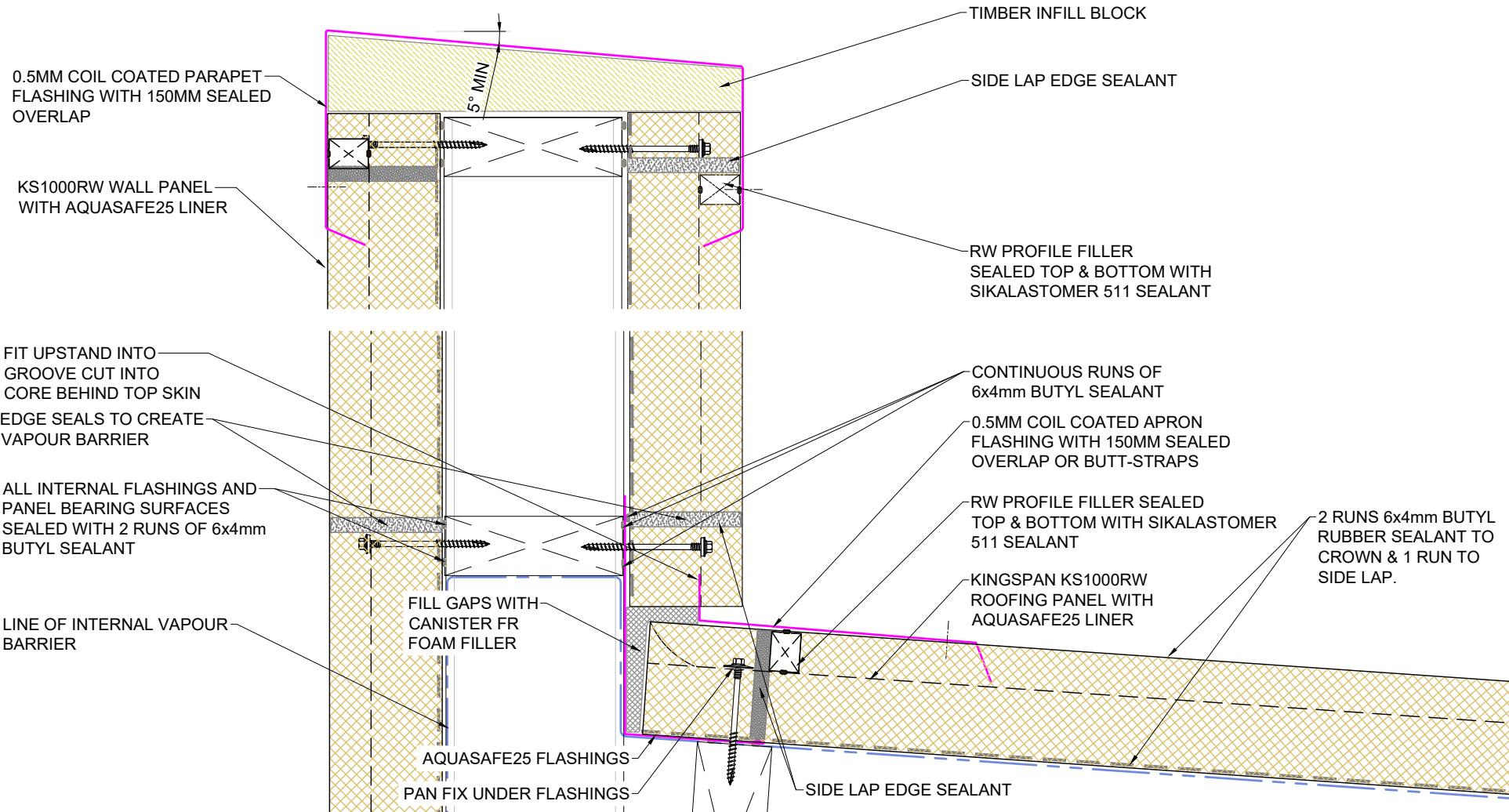
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MONO PITCH ROOF TO RW PARAPET WALL



Dwg. Title

Mono Pitch Roof to RW Parapet Wall

Scale

1:5 @A4

Application

KS1000 RW ROOF_Q4_2023 HIGH HUMIDITY

Dwg. No.

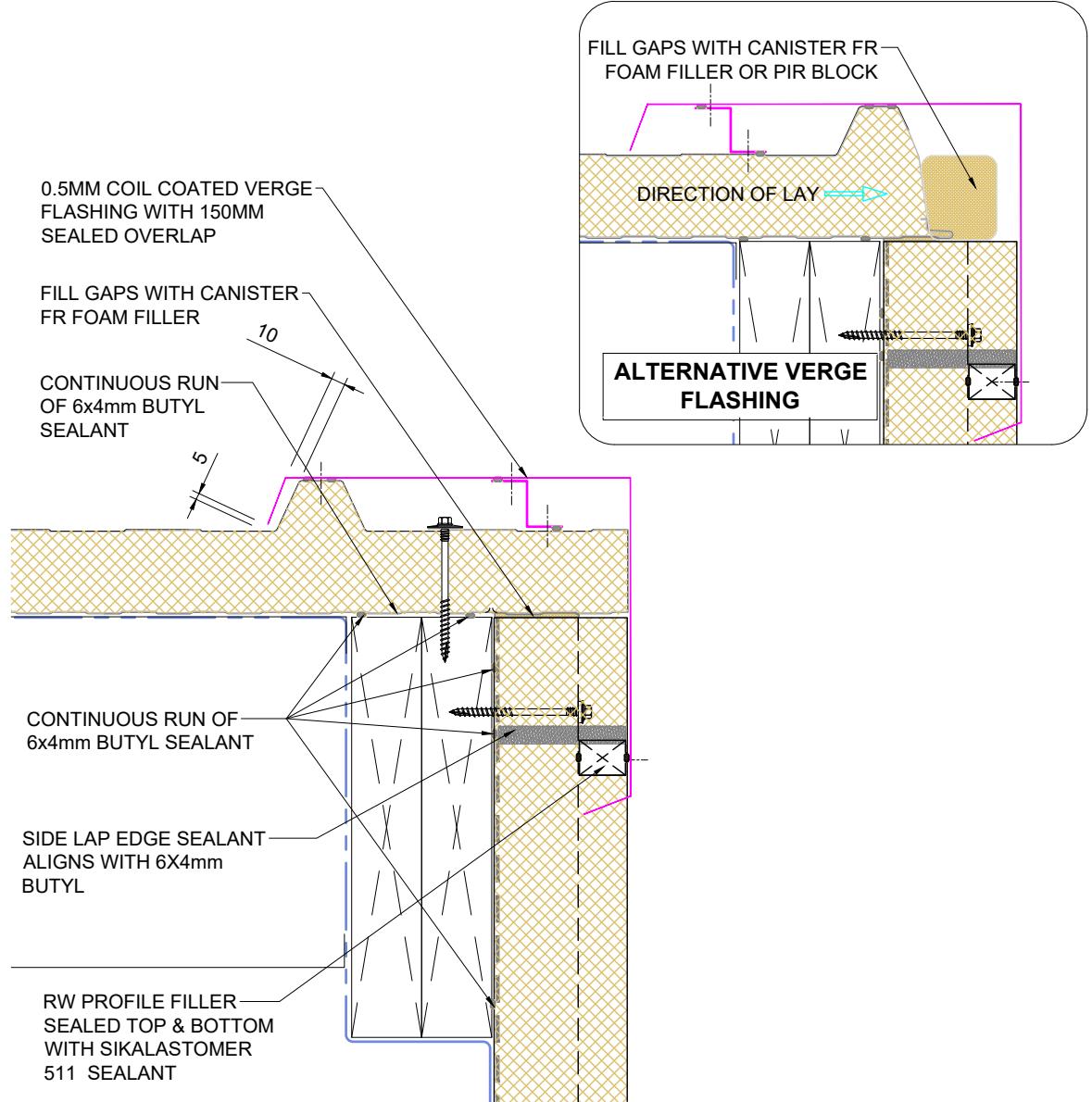
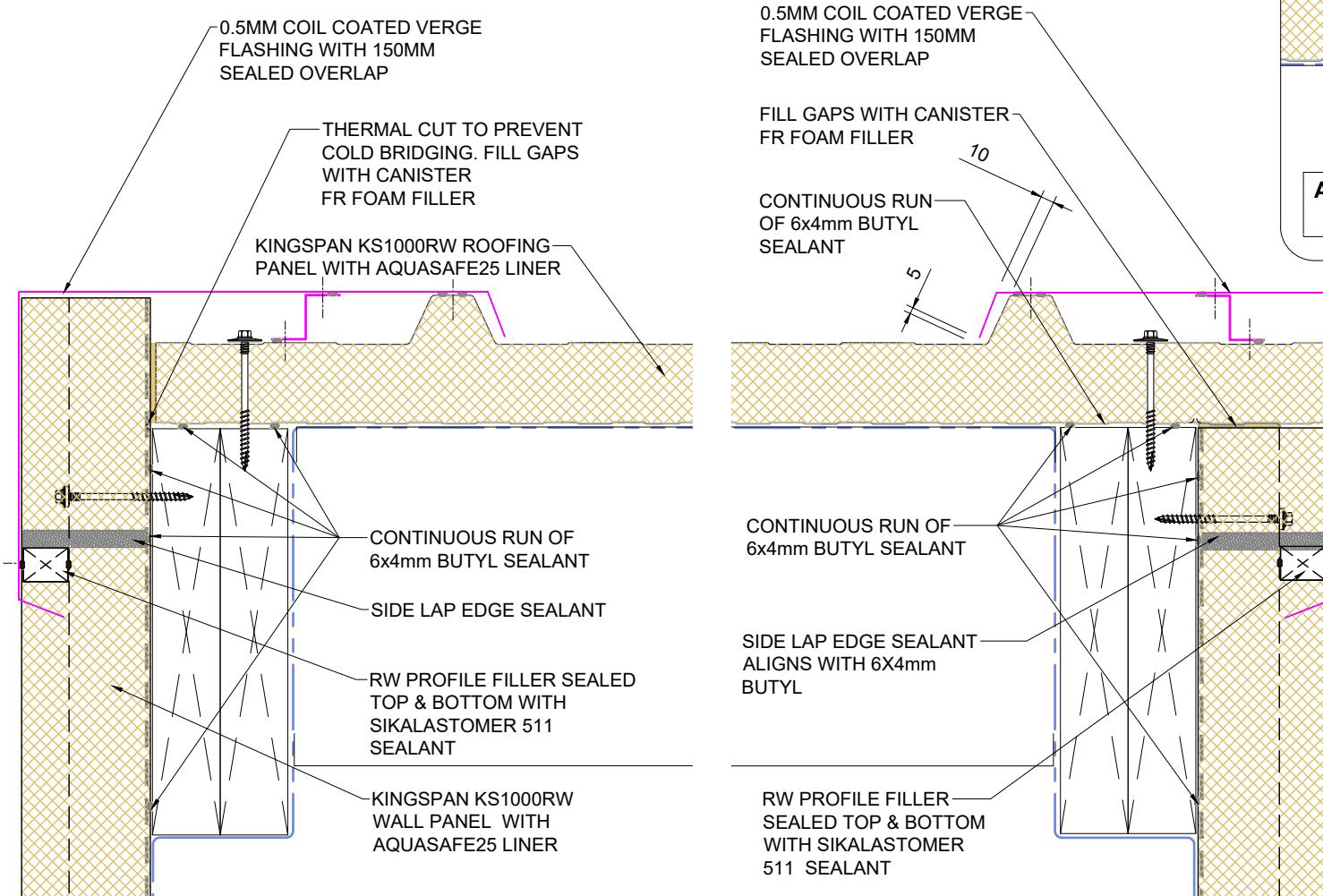
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VERGE TO RW WALL



Dwg. Title

Verge to RW Wall

Scale

1:5 @A4

Application

KS1000 RW ROOF_Q4_2023 HIGH HUMIDITY

Dwg. No.

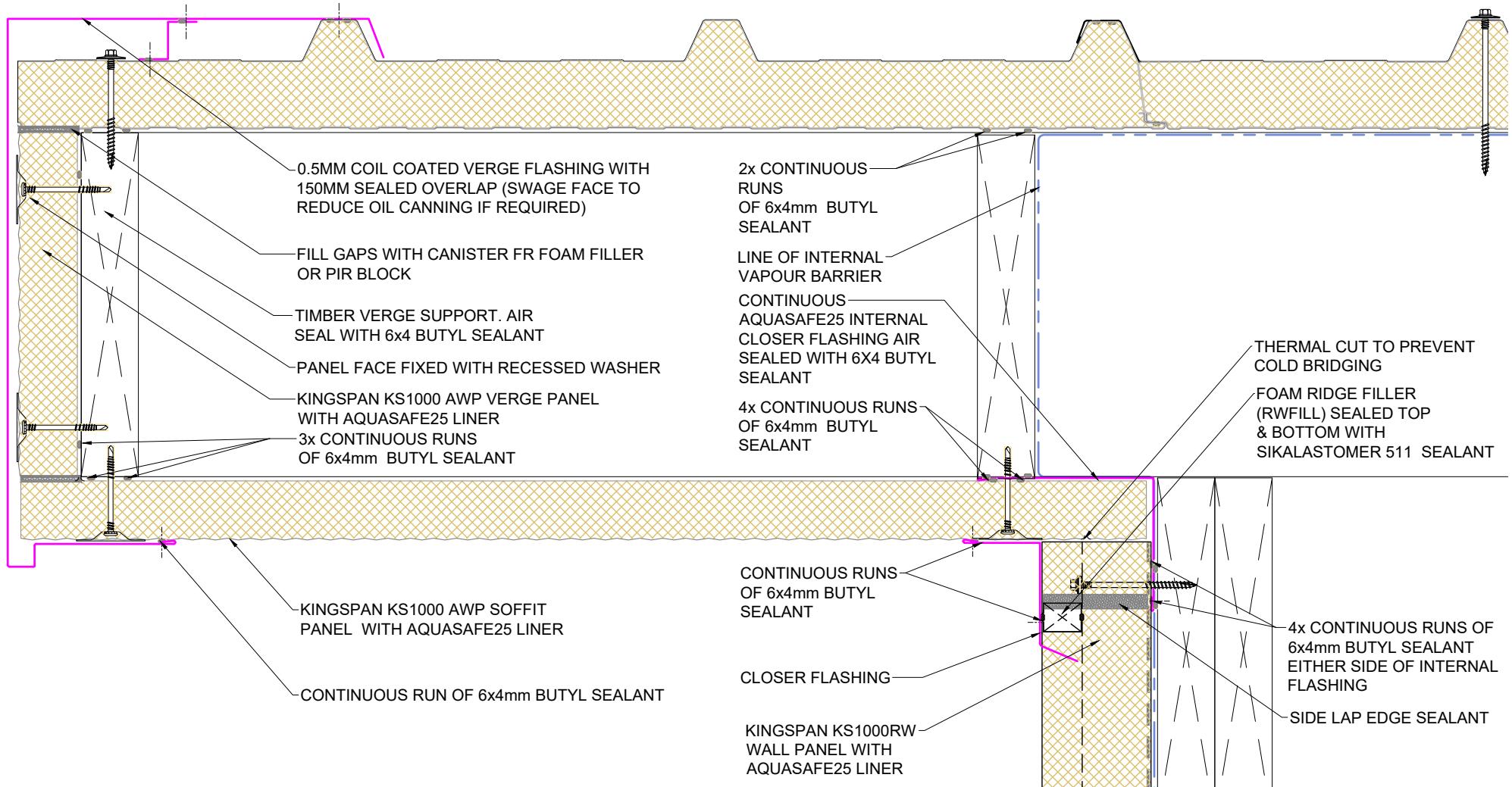
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VERGE OVERHANG TO RW WALL (START OF ROOF SHEET)



Dwg. Title

Verge Overhang to RW Wall (start of Roof Sheet)

Scale

1:5 @A4

Application

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Dwg. No.

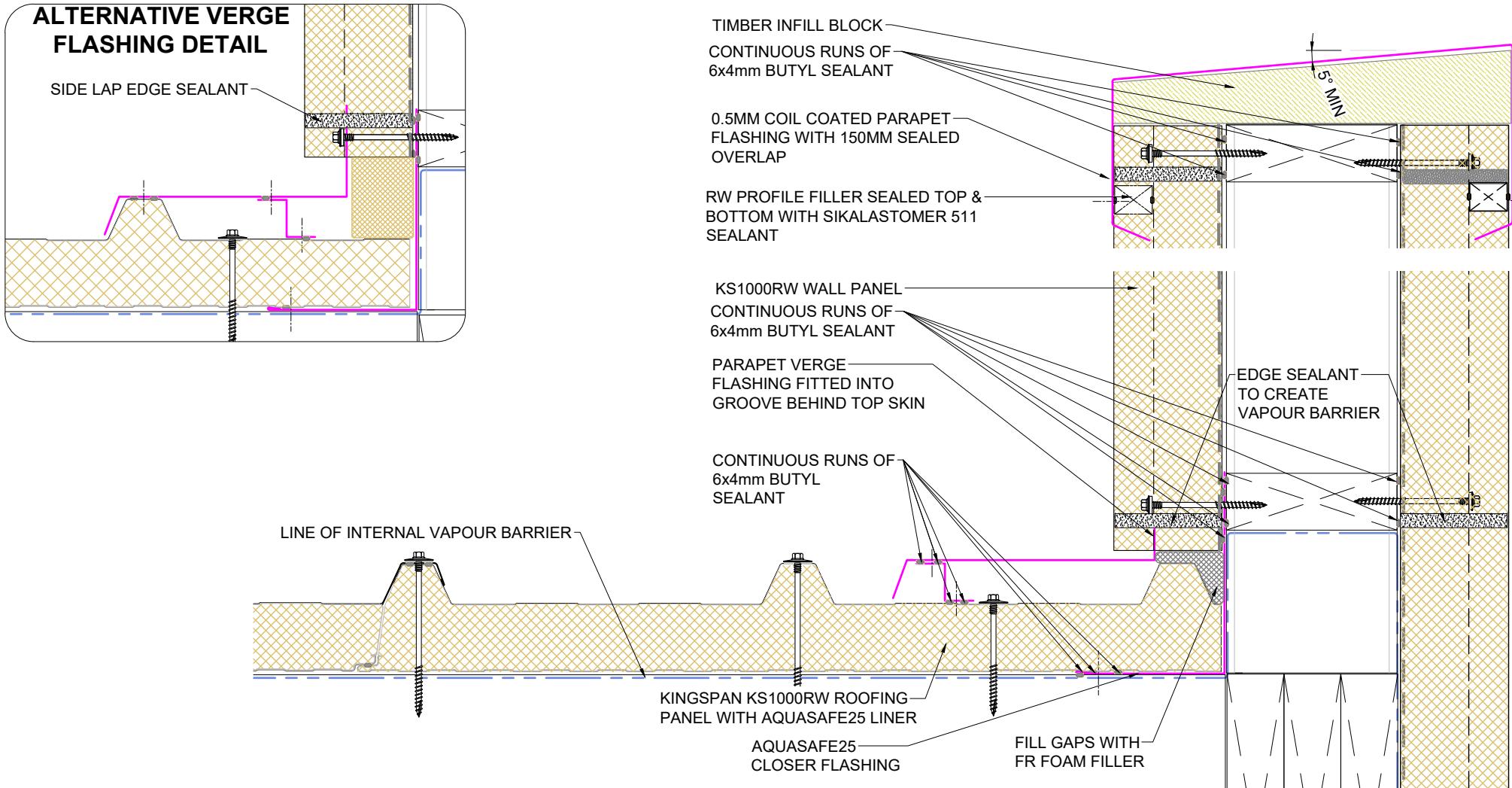
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VERGE TO RW PARAPET (SITE TRIMMED ROOF SHEET)



Dwg. Title

Verge to RW Parapet (Site Trimmed Roof Sheet)

Scale

1:5 @A4

Application

KS1000 RW ROOF_Q4_2023 HIGH HUMIDITY

Dwg. No.

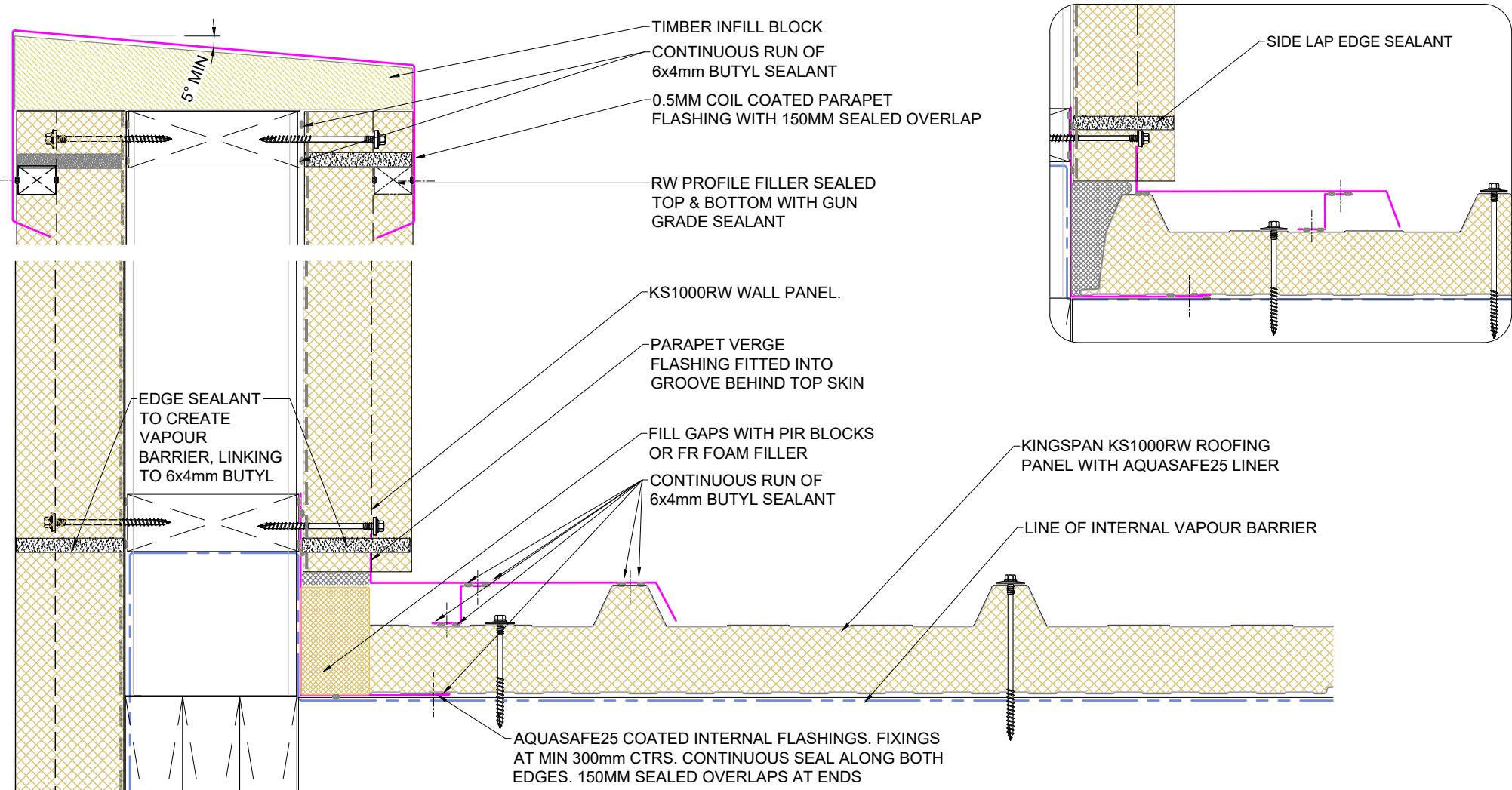
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VERGE TO RW PARAPET (END OF ROOF SHEET)



Dwg. Title

Verge to RW Parapet (end of Roof Sheet)

Scale

1:5 @A4

Application

KS1000 RW ROOF_Q4_2023 HIGH HUMIDITY

Dwg. No.

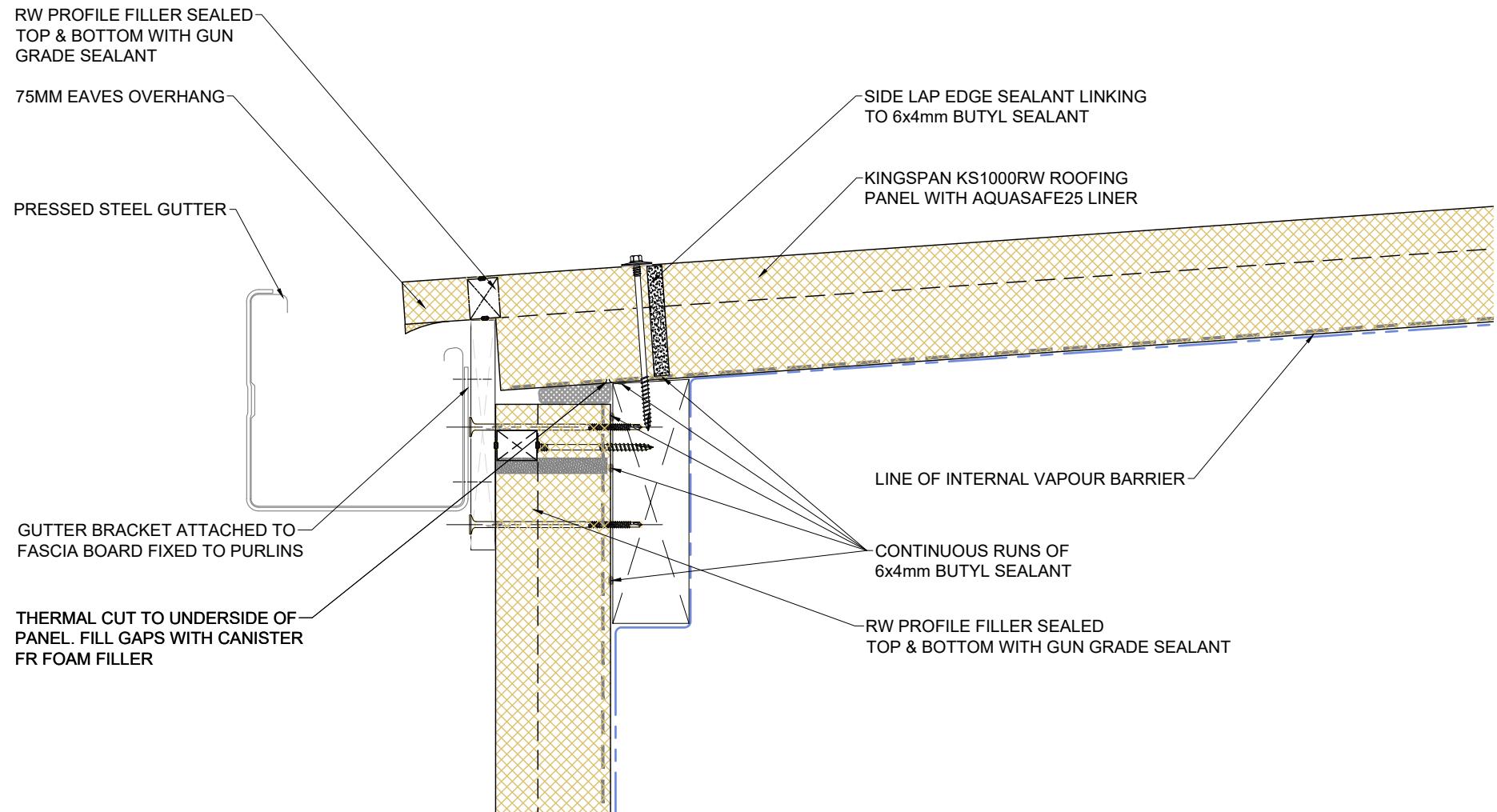
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EAVES TO RW WALL



Dwg. Title

Eaves to RW Wall

Scale

1:5 @A4

Application

KS1000 RW ROOF_Q4_2023 HIGH HUMIDITY

Dwg. No.

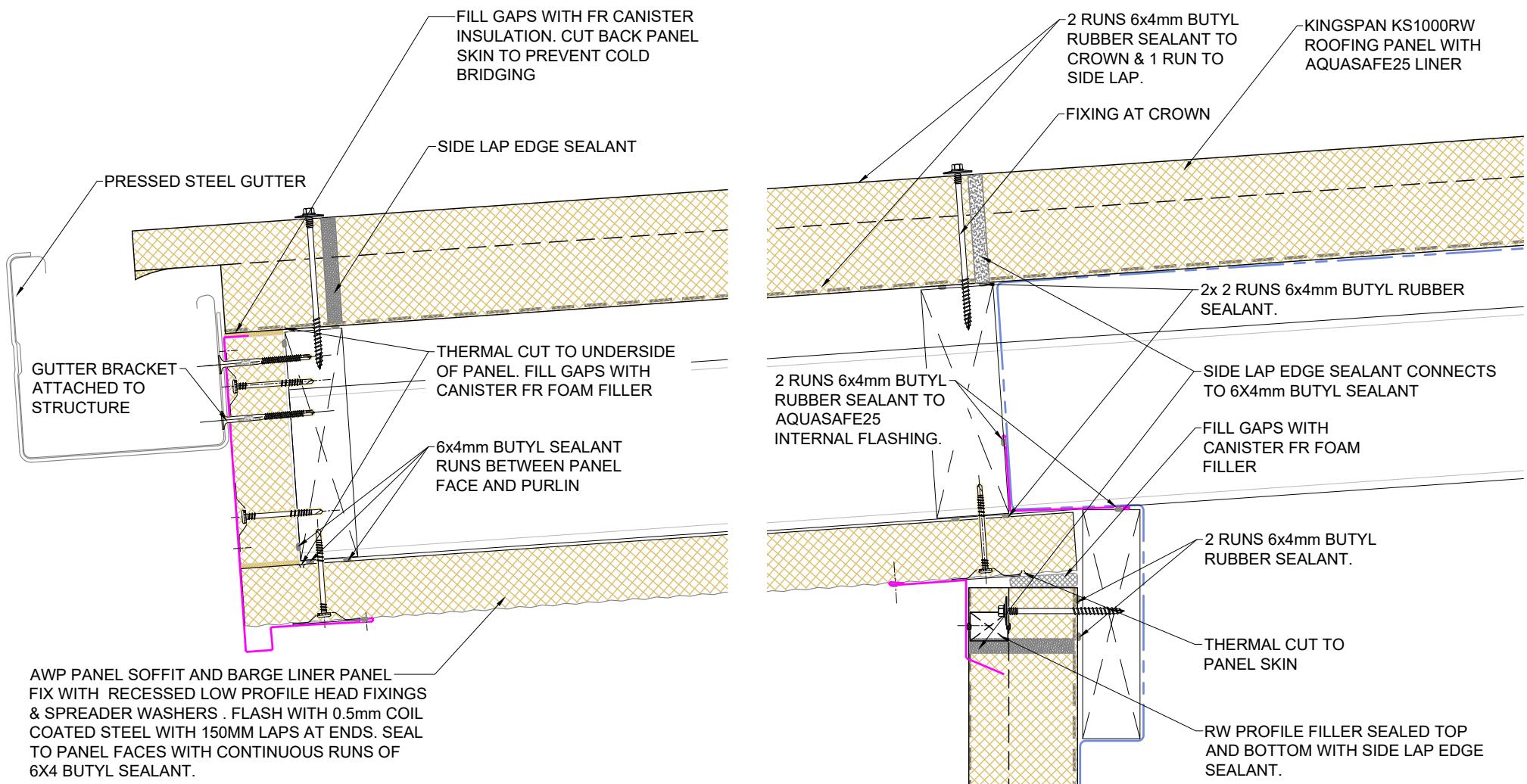
Rev.

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EAVES OVERHANG TO RW WALL



Dwg. Title

Eaves Overhang to RW Wall

Scale

1:5 @A4

Application

KS1000 RW ROOF_Q4_2023 HIGH HUMIDITY

Dwg. No.

RW_HH_14 -

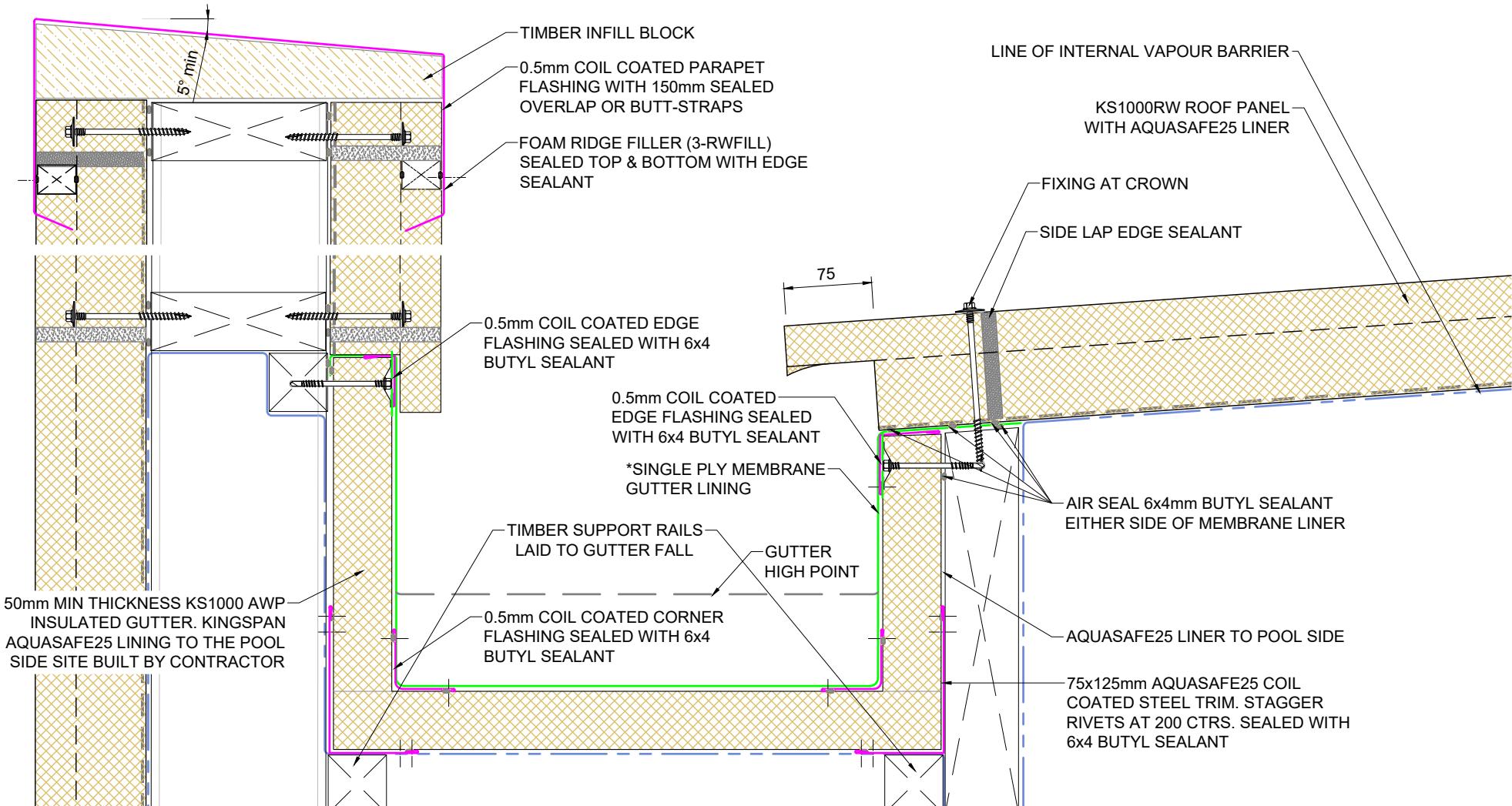
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INTERNAL GUTTER - AWP PANEL (SITE BUILT)

* REFER TO MEMBRANE SUPPLIER FOR SINGLE PLY MEMBRANE GUTTER LINING DETAILS (NOT SUITABLE FOR TORCH-ON MEMBRANE PRODUCTS)



Dwg. Title

INTERNAL GUTTER - AWP PANEL (SITE BUILT)

Scale

1:5 @A4

Application

KS1000 RW ROOF_Q4_2023 HIGH HUMIDITY

Dwg. No.

RW_HH_15 -

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