

DRAWING LIST

| EVOLUTION PANELISED FACADE (EVO) VERTICALLY LAID | | | | | |
|--|------------|---|-----------|----------|----------|
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DISCLAIMER

These Details are provided as a guideline for proper 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 "ambient" installations. Contact Kingspan Technical for specific detailing for cold, high humidity or fire detailing.

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

Refer the product data sheet for maximum panel spans based on the project specific information. Cold rolled steel sections are shown on these details however hot rolled or timber 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.

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

| | | |
|---|------------------|------------------|
| SYSTEM KS1000EVO WALL VERTICAL_STD Q1_2024 | | |
| DESCRIPTION DRAWING LIST | | |
| APPROVED BY JS | DATE 18.03.24 | REVISION - |
| DRG REF: EVO_VS_01 | SCALE 1 | PAPER SIZE A4 |

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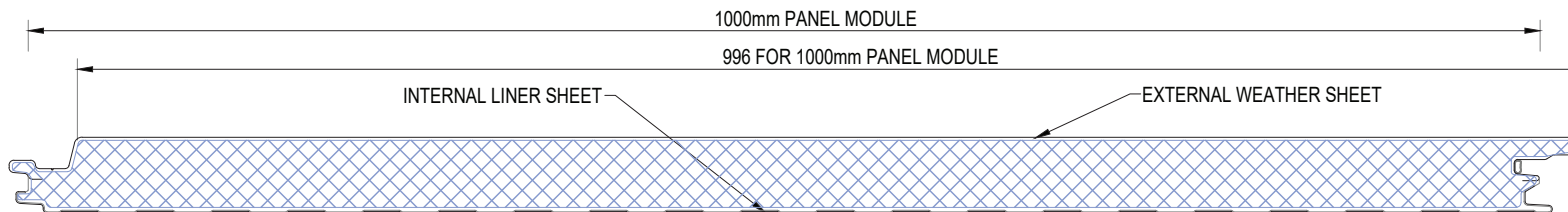
KS1000EVO WALL FLAT PROFILE

APPROVAL NAME: KS900, KS1000 EVOLUTION AXIS

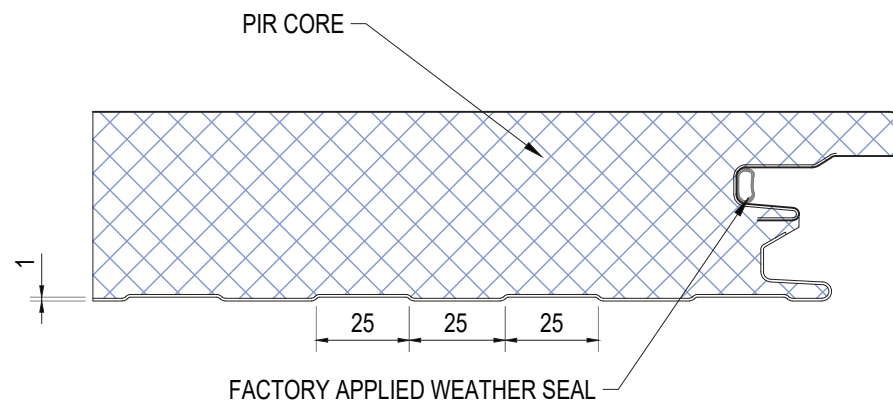
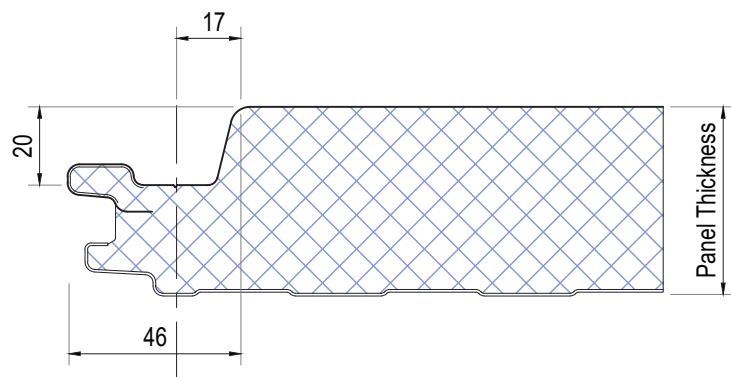
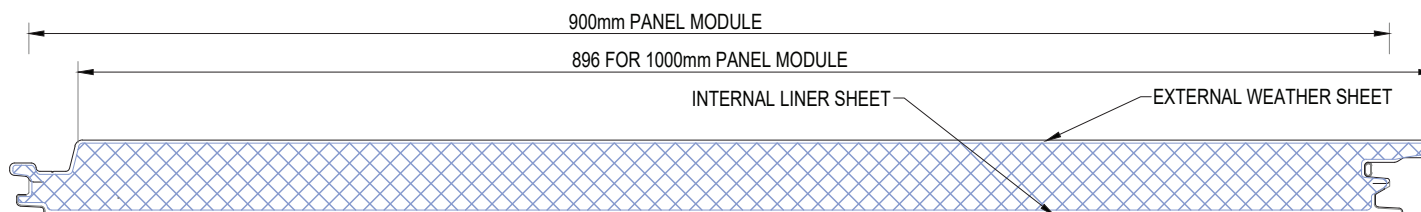
| | |
|-----------------------------|-----|
| AVAILABLE PANEL THICKNESSES | |
| INSULATION CORE | |
| | 50 |
| | 80 |
| | 100 |
| | 140 |

NOTE: DIMENSIONS ARE NOMINAL. ACTUAL DIMENSIONS WILL VARY DUE TO MANUFACTURING TOLERANCES. PRECISE DIMENSIONS MUST ALWAYS BE MEASURED FROM ACTUAL SAMPLES ALL DIMENSIONS IN MILLIMETRES.

KS1000 EVOLUTION AXIS PANEL PROFILE



KS900 EVOLUTION AXIS PANEL PROFILE



| | | |
|---|------------------|------------------|
| SYSTEM KS1000EVO WALL VERTICAL_STD Q1_2024 | | |
| DESCRIPTION KS1000EVO WALL FLAT PROFILE | | |
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| DRG REF: EVO_VS_02 | SCALE 1:5 | PAPER SIZE A4 |

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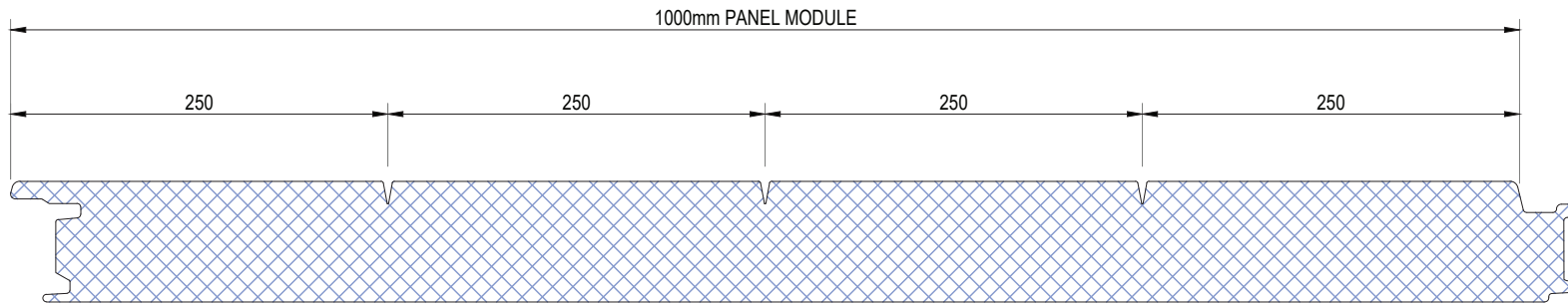


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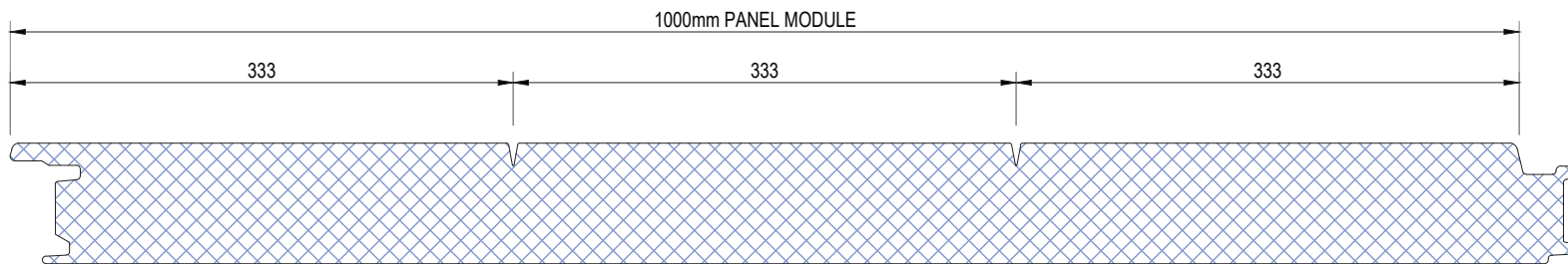
KS1000EVO MULTI-GROOVE WALL PROFILE

APPROVAL NAME: KS1000EG

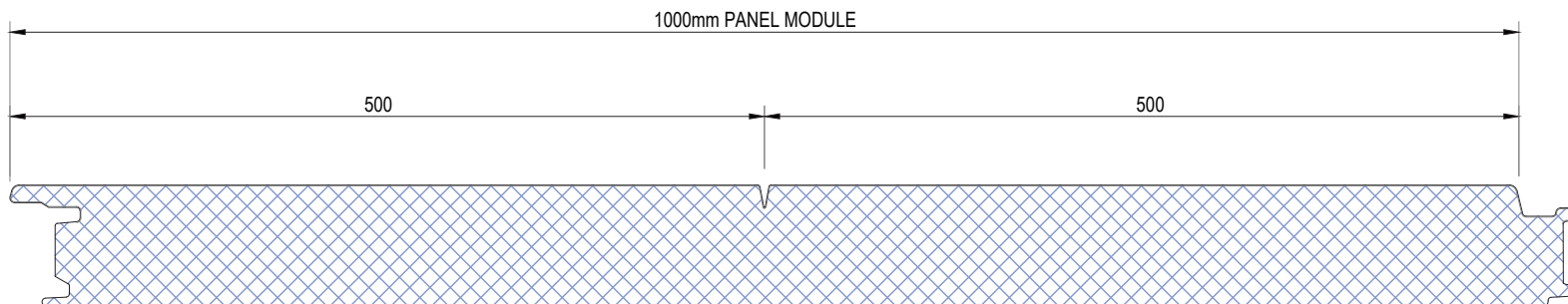
| | |
|-----------------------------|--|
| AVAILABLE PANEL THICKNESSES | NOTE: DIMENSIONS ARE NOMINAL. ACTUAL DIMENSIONS WILL VARY DUE TO MANUFACTURING TOLERANCES. PRECISE DIMENSIONS MUST ALWAYS BE MEASURED FROM ACTUAL SAMPLES ALL DIMENSIONS IN MILLIMETRES. |
| INSULATION CORE | |
| 50 | |
| 80 | |
| 100 | |
| 140 | |



MULTI-GROOVE PANEL PROFILE - 3 GROOVES



MULTI-GROOVE PANEL PROFILE - 2 GROOVES



03 MULTI-GROOVE PANEL PROFILE - 1 GROOVE

| | | |
|--|------------------|------------------|
| SYSTEM KS1000EVO WALL VERTICAL_STD Q1_2024 | | |
| DESCRIPTION KS1000EVO MULTI-GROOVE WALL PROFILE | | |
| APPROVED BY JS | DATE 18.03.24 | REVISION - |
| DRG REF: EVO_VS_03 | SCALE 1:5 | PAPER SIZE A4 |

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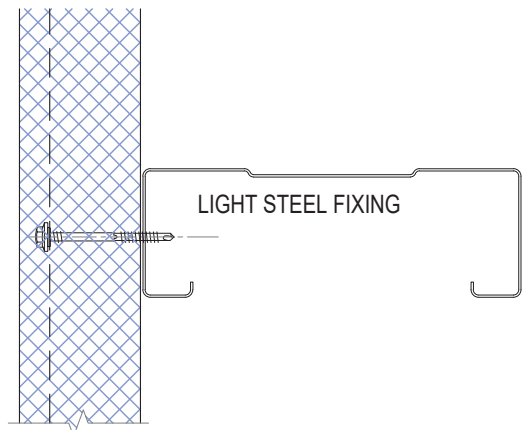
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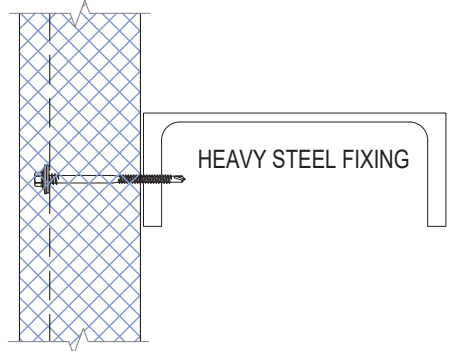
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KS1000EVO -- STRUCTURAL SUPPORT EXAMPLES

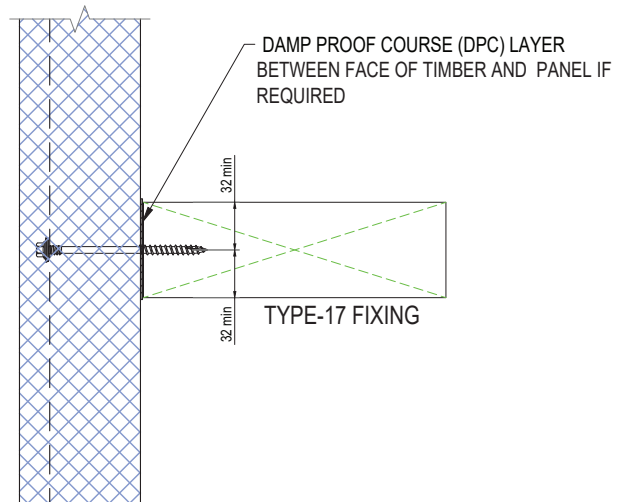
FIX TO LIGHT STEEL STRUCTURE



FIX TO HEAVY STEEL STRUCTURE

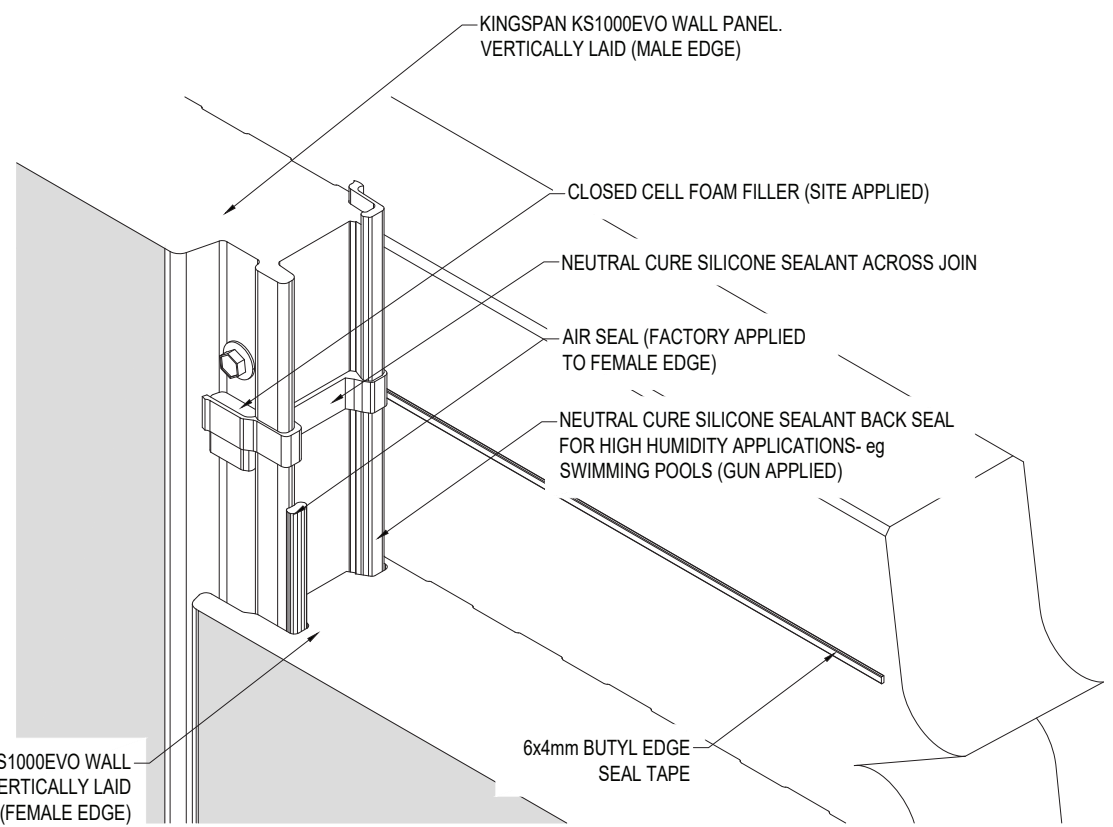


FIX TO TIMBER STRUCTURE



KINGSPAN KS1000EVO WALL PANEL. VERTICALLY LAID (FEMALE EDGE)

EVO PANEL EDGE SEALS (ISOMETRIC)



| | | |
|---|------------------|------------------|
| SYSTEM KS1000EVO WALL VERTICAL_STD Q1_2024 | | |
| DESCRIPTION KS1000EVO -- STRUCTURAL SUPPORT EXAMPLES | | |
| APPROVED BY JS | DATE 18.03.24 | REVISION - |
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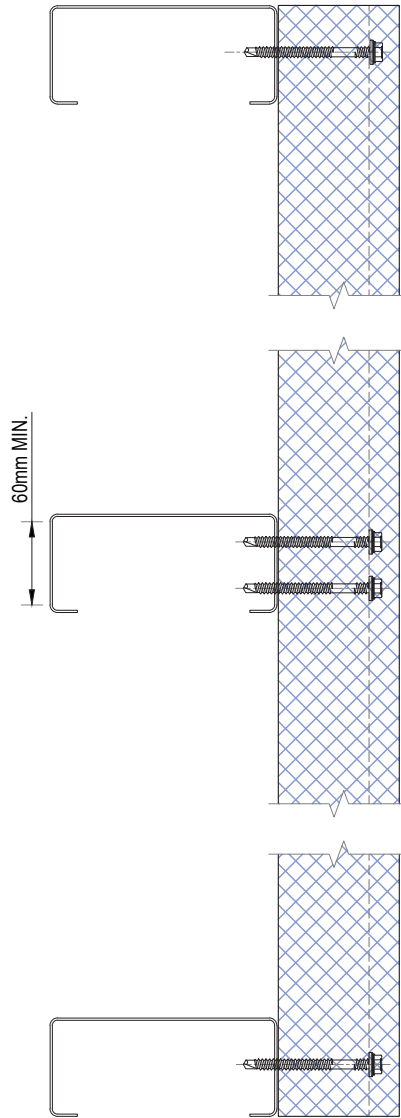
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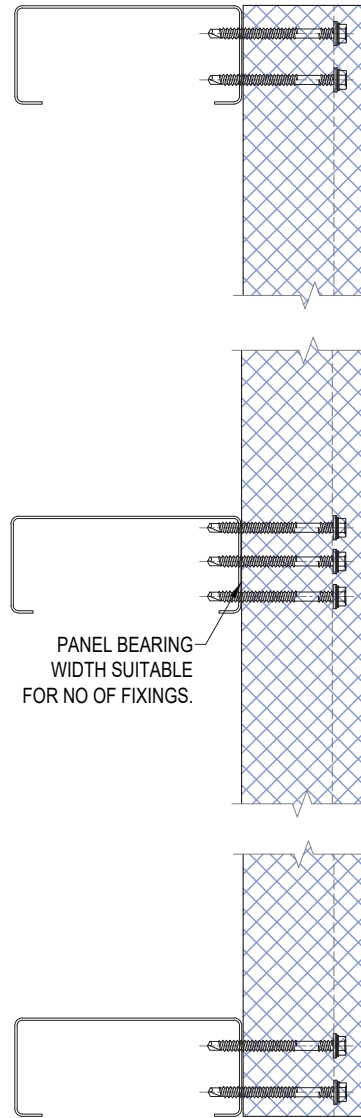


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WALL VERTICAL FIXINGS



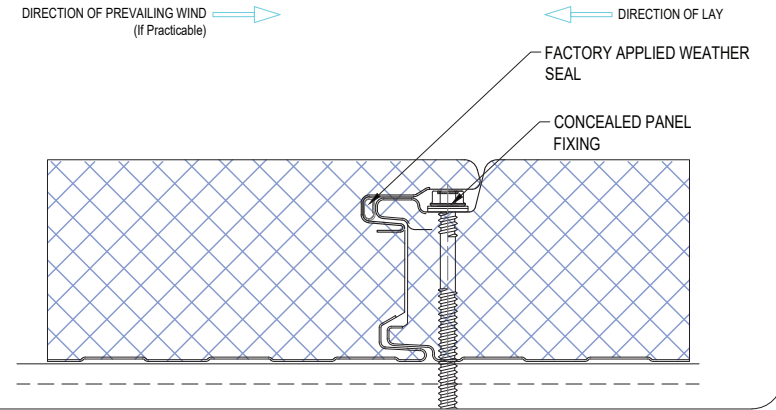
RECOMMENDED FASTENER LOCATIONS:
PATTERN A



PATTERN B

NOTE: THE NUMBER OF FASTENERS AND LOCATIONS DEPEND ON THE ACTUAL DESIGN SUCTION LOAD AND PANEL SPANS

VERTICAL PANEL JOINT & FASTENER LOCATIONS



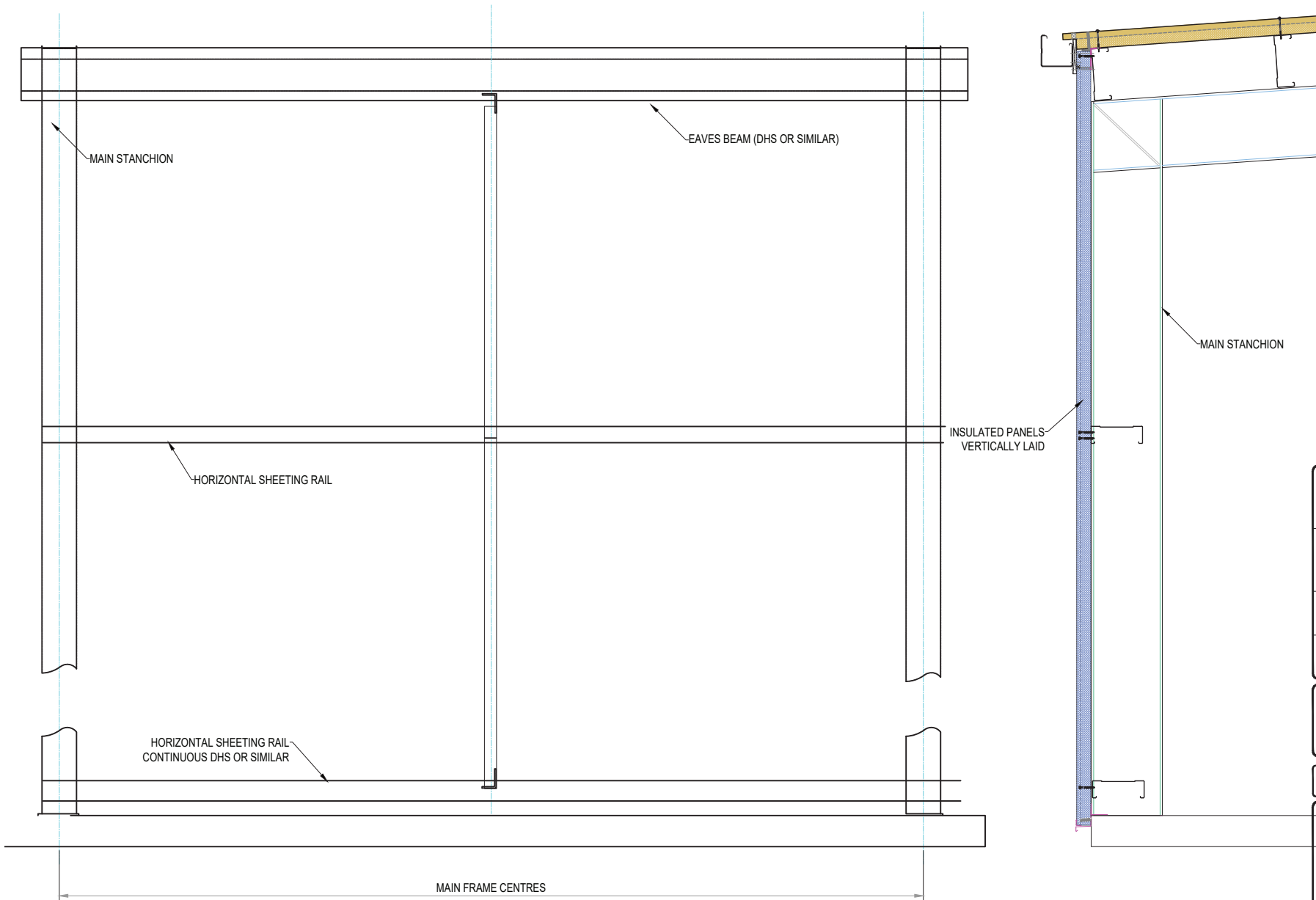
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|---|------------------|------------------|
| SYSTEM KS1000EVO WALL VERTICAL_STD Q1_2024 | | |
| DESCRIPTION WALL VERTICAL FIXINGS | | |
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WALL VERTICAL SHEETING RAILS



| | | |
|---|------------------|------------------|
| SYSTEM KS1000EVO WALL VERTICAL_STD Q1_2024 | | |
| DESCRIPTION WALL VERTICAL SHEETING RAILS | | |
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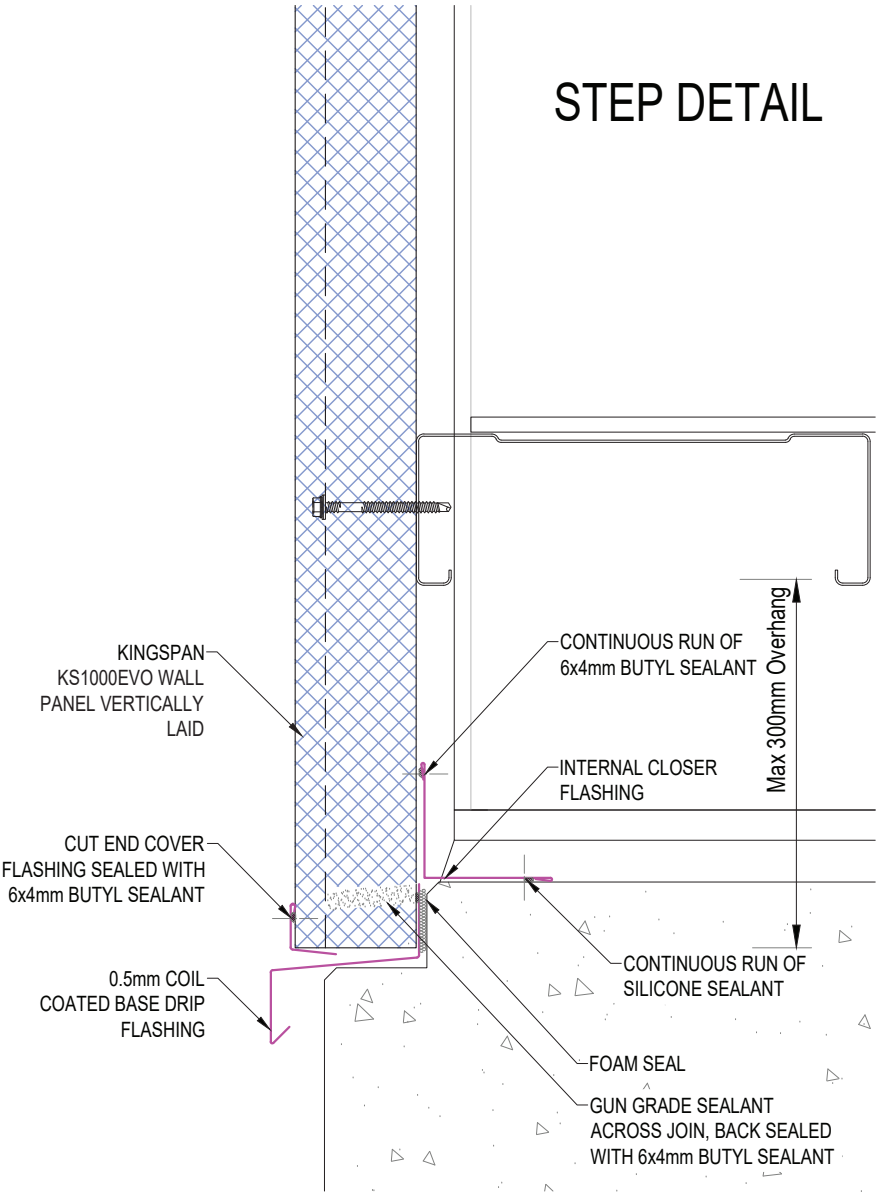
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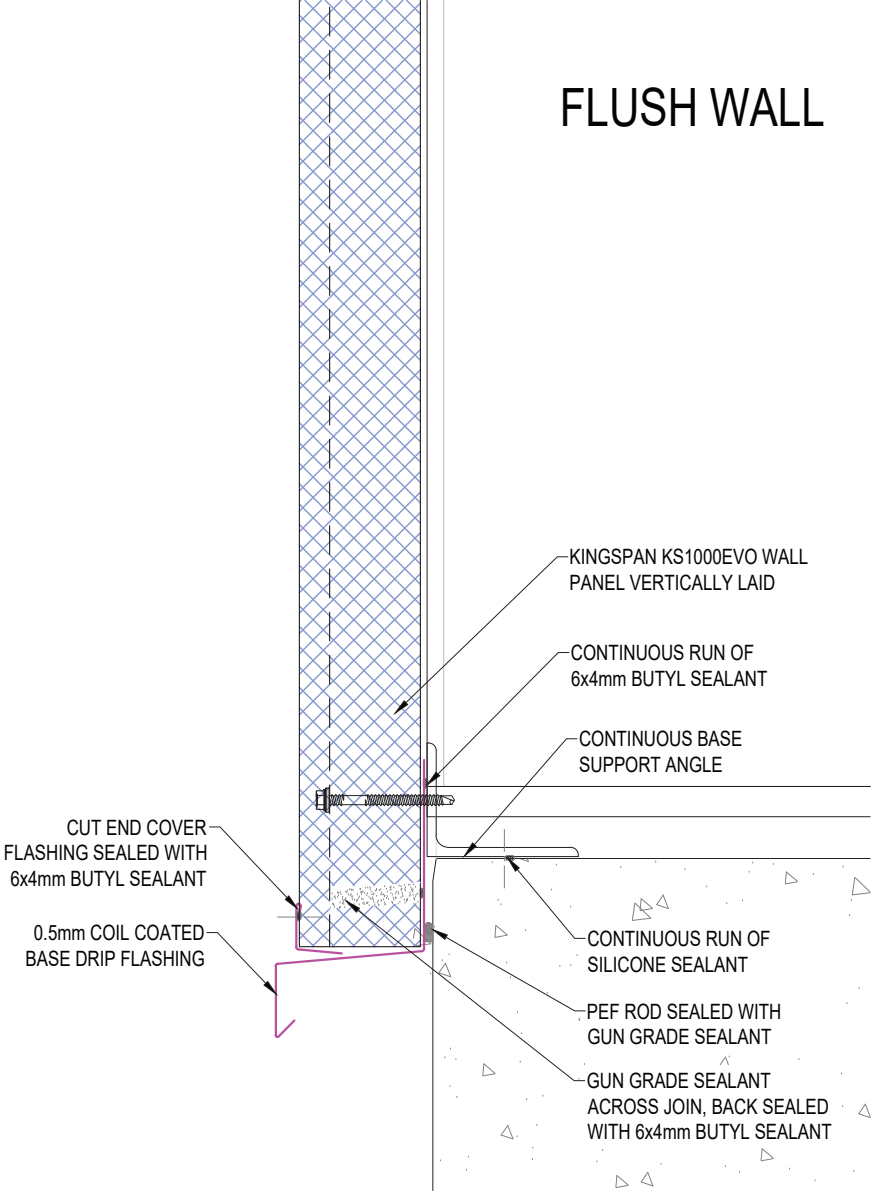
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WALL VERTICAL - EVO BASE DETAIL

STEP DETAIL



FLUSH WALL



| | | |
|--|------------------|------------------|
| SYSTEM KS1000EVO WALL VERTICAL_STD Q1_2024 | | |
| DESCRIPTION WALL VERTICAL - EVO BASE DETAIL | | |
| APPROVED BY JS | DATE 18.03.24 | REVISION - |
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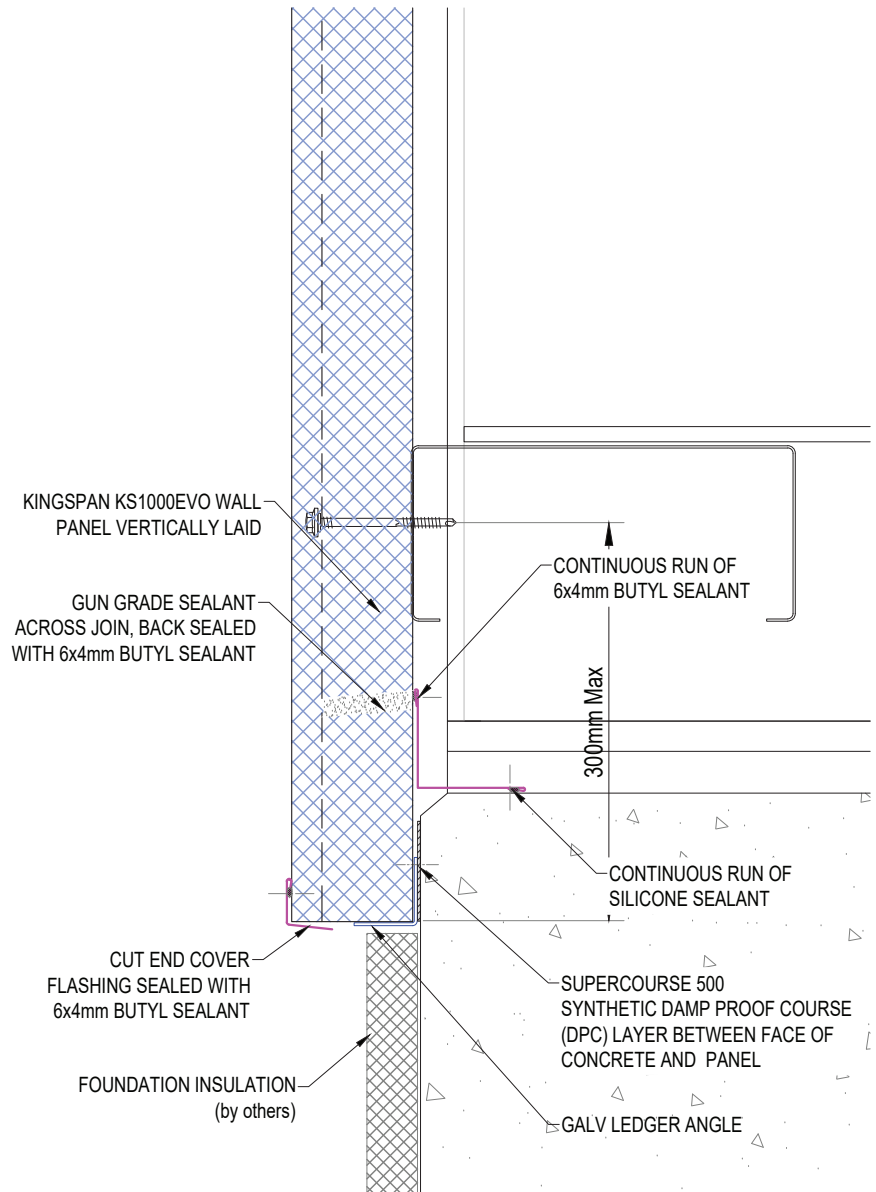
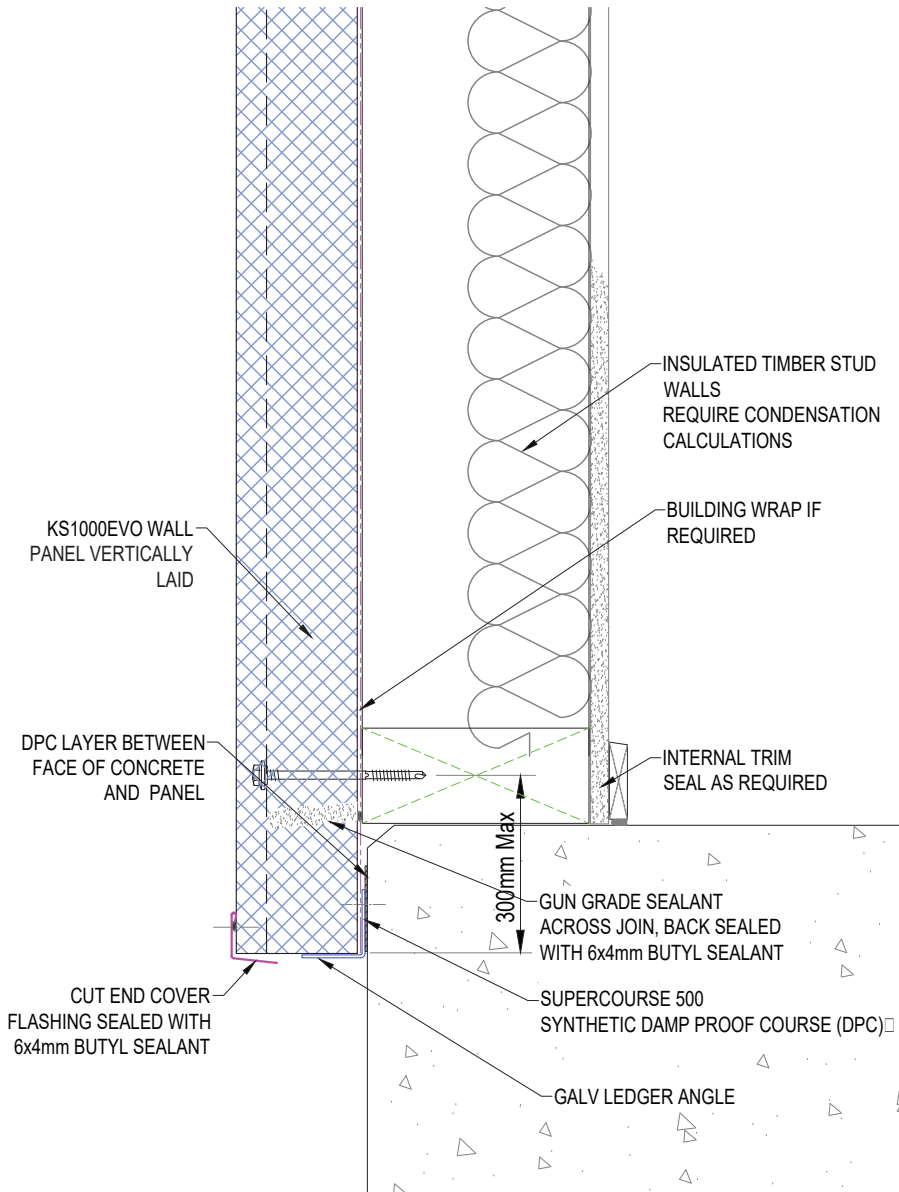
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WALL VERTICAL - EVO BASE DETAIL

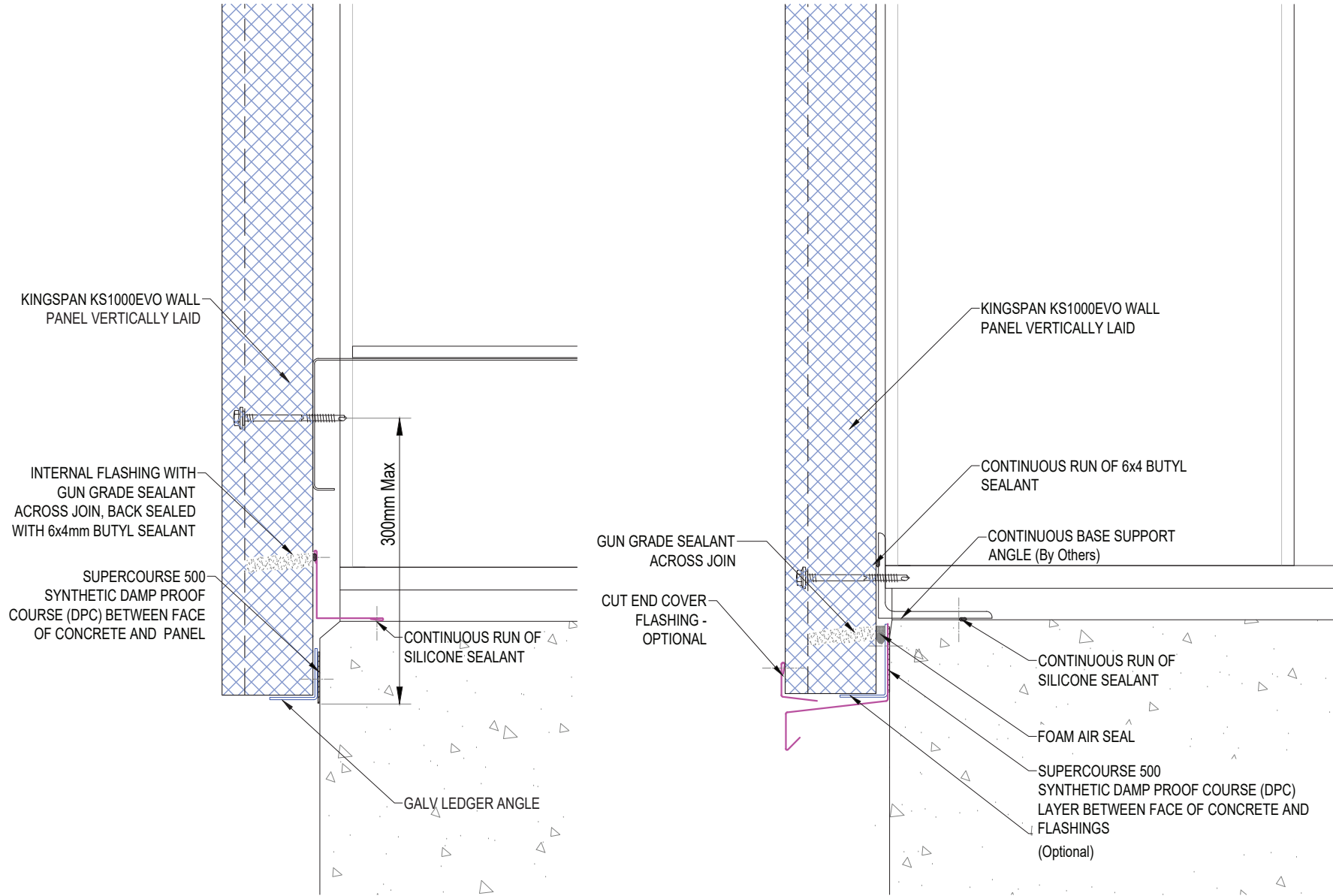


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|---|------------------|------------------|
| SYSTEM KS1000EVO WALL VERTICAL_STD Q1_2024 | | |
| DESCRIPTION WALL VERTICAL - EVO BASE DETAIL | | |
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WALL VERTICAL - EVO BASE DETAIL



| | | |
|--|------------------|------------------|
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| DESCRIPTION WALL VERTICAL - EVO BASE DETAIL | | |
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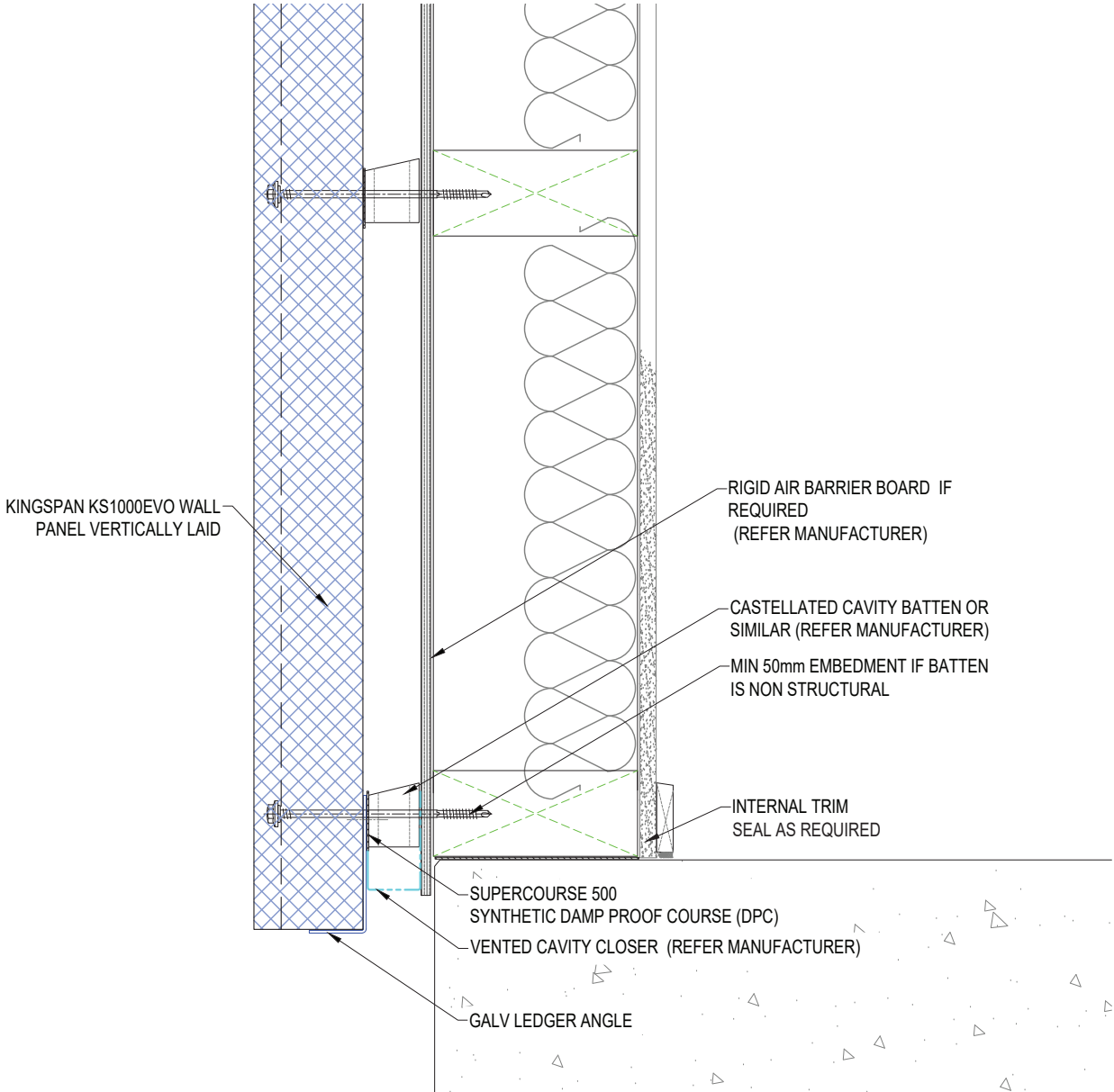
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BASE DETAIL - CAVITY WALL ON RAB BOARD

CONFIRM THAT THE CAVITY BATTEN CAN RESIST THE APPLIED LOADS.
IF NOT, FIX THROUGH TO THE TIMBER FRAME



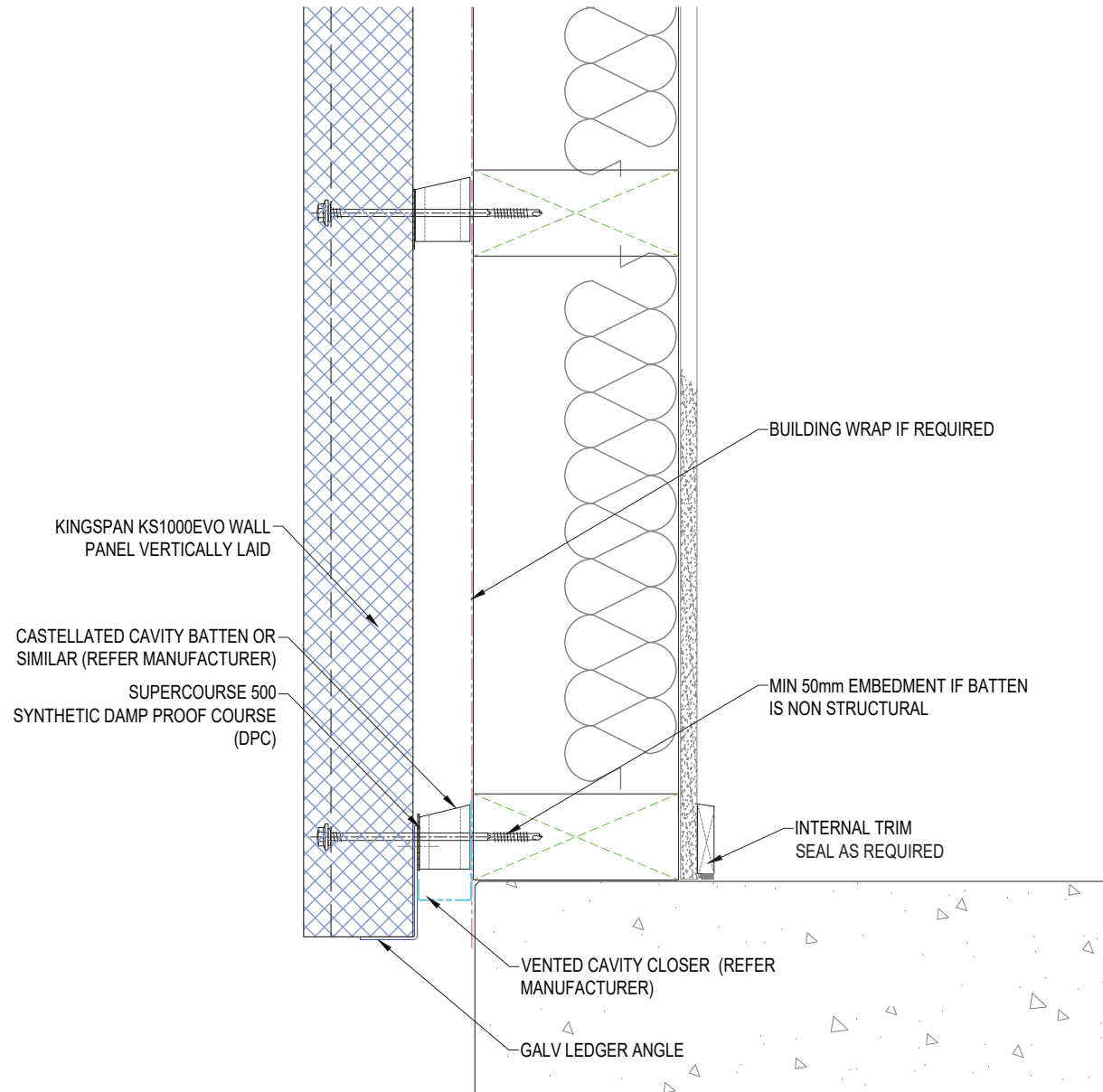
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|---|------------------|------------------|
| SYSTEM KS1000EVO WALL VERTICAL_STD Q1_2024 | | |
| DESCRIPTION BASE DETAIL - CAVITY WALL ON RAB BOARD | | |
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BASE DETAIL - CAVITY WALL ON BUILDING WRAP



| | | |
|---|------------------|------------------|
| SYSTEM KS1000EVO WALL VERTICAL_STD Q1_2024 | | |
| DESCRIPTION BASE DETAIL - CAVITY WALL ON BUILDING WRAP | | |
| APPROVED BY JS | DATE 18.03.24 | REVISION - |
| DRG REF: EVO_VS_11 | SCALE 1:5 | PAPER SIZE A4 |

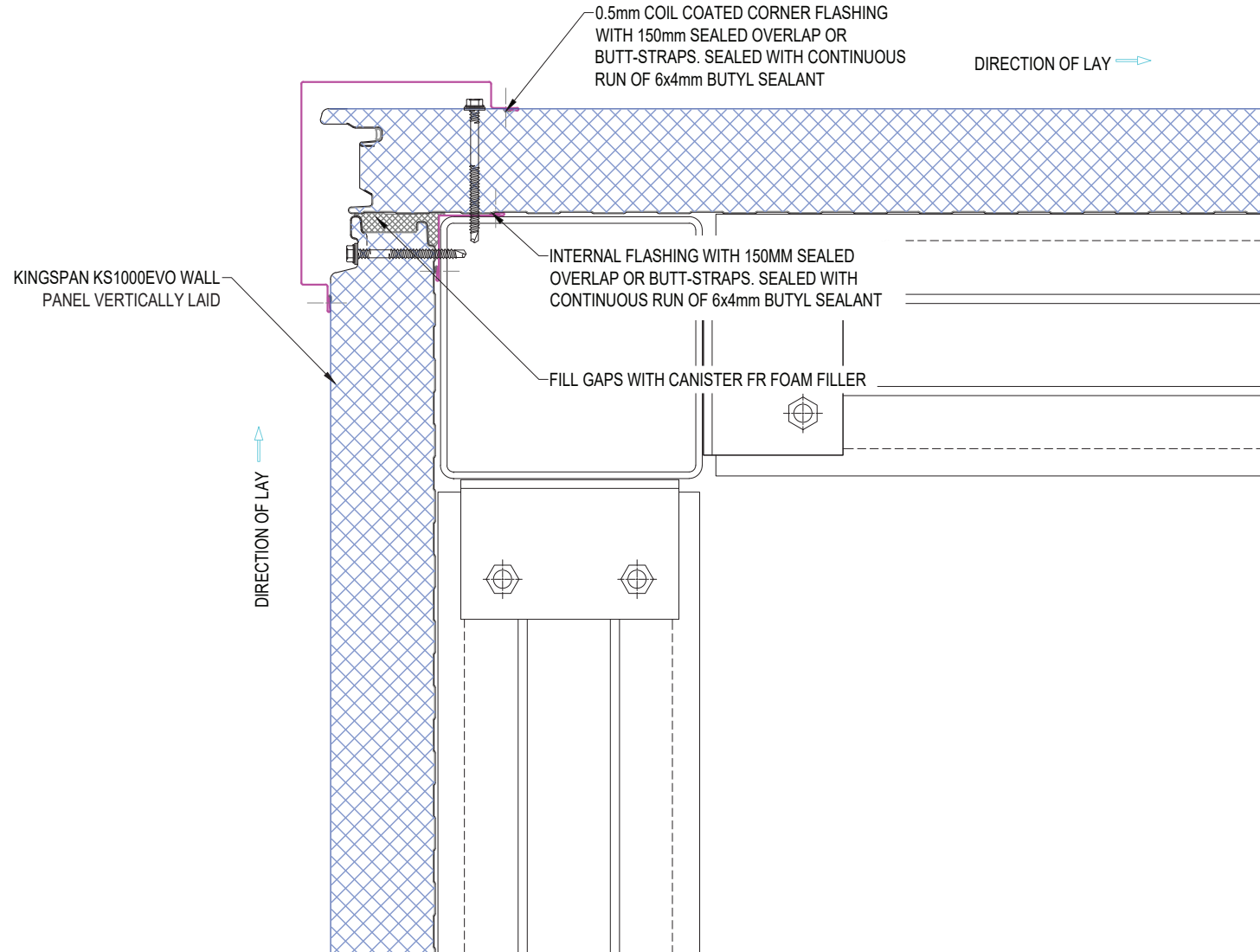
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WALL VERTICAL - EXTERNAL CORNER



| | | |
|--|------------------|------------------|
| SYSTEM KS1000EVO WALL VERTICAL_STD Q1_2024 | | |
| DESCRIPTION WALL VERTICAL - EXTERNAL CORNER | | |
| APPROVED BY JS | DATE 18.03.24 | REVISION - |
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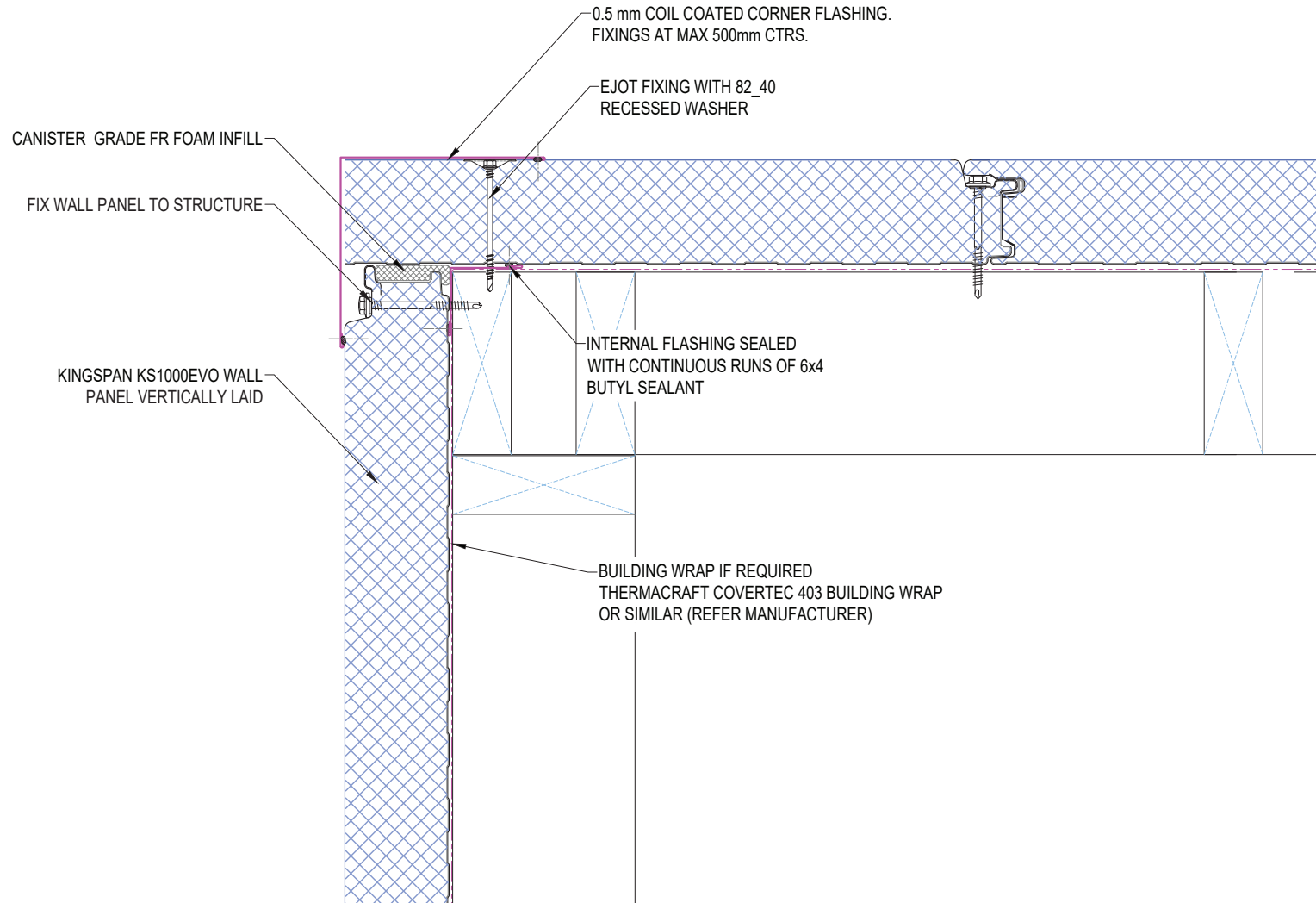
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WALL VERTICAL - EXTERNAL CORNER TO TIMBER STRUCTURE



| | | |
|---|------------------|------------------|
| SYSTEM KS1000EVO WALL VERTICAL_STD Q1_2024 | | |
| DESCRIPTION WALL VERTICAL - EXTERNAL CORNER TO TIMBER STRUCTURE | | |
| APPROVED BY JS | DATE 18.03.24 | REVISION - |
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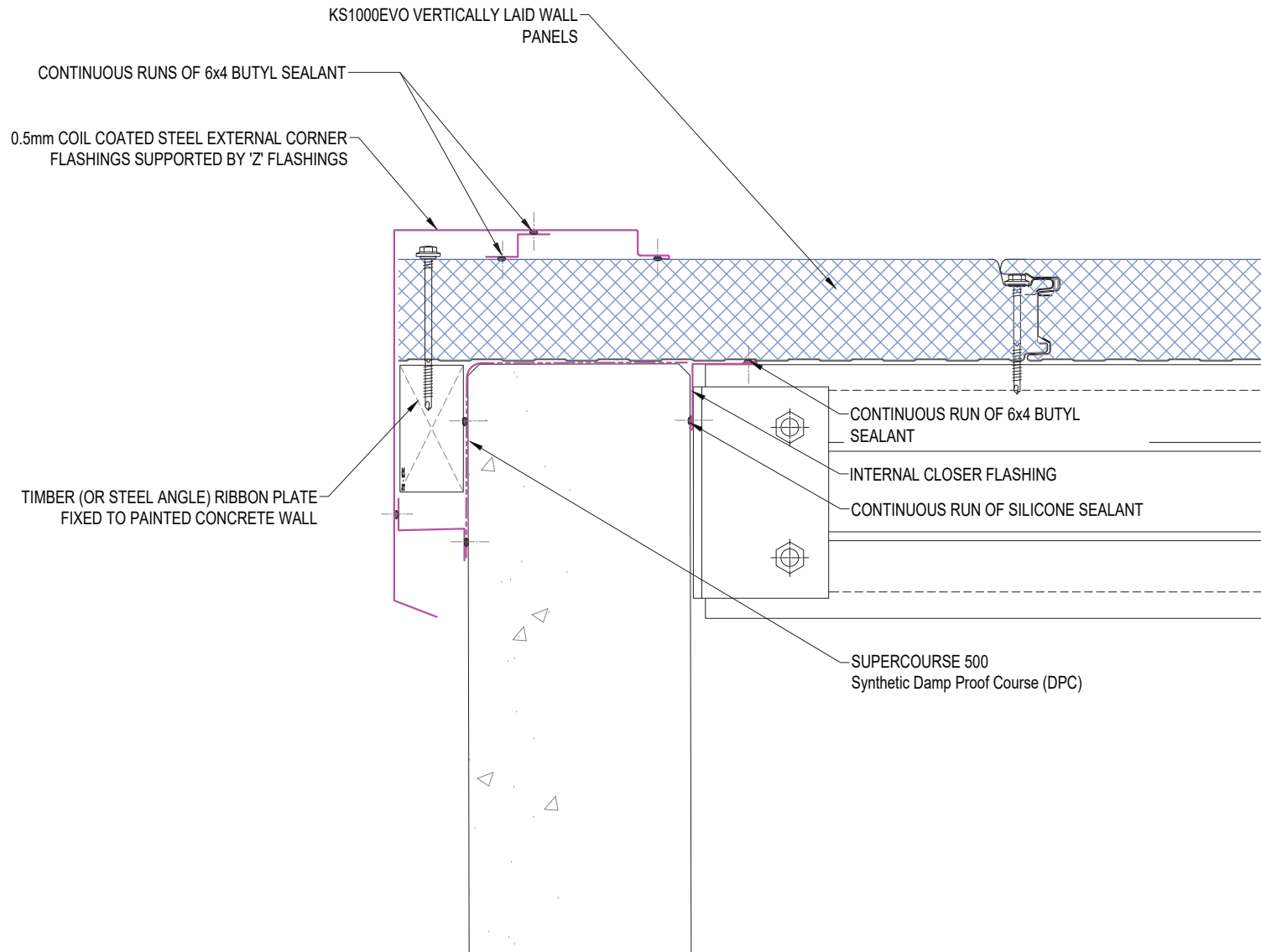
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WALL VERTICAL - EXTERNAL CORNER TO CONCRETE WALL



| | | |
|---|------------------|------------------|
| SYSTEM KS1000EVO WALL VERTICAL_STD Q1_2024 | | |
| DESCRIPTION WALL VERTICAL - EXTERNAL CORNER TO CONCRETE WALL | | |
| APPROVED BY JS | DATE 18.03.24 | REVISION - |
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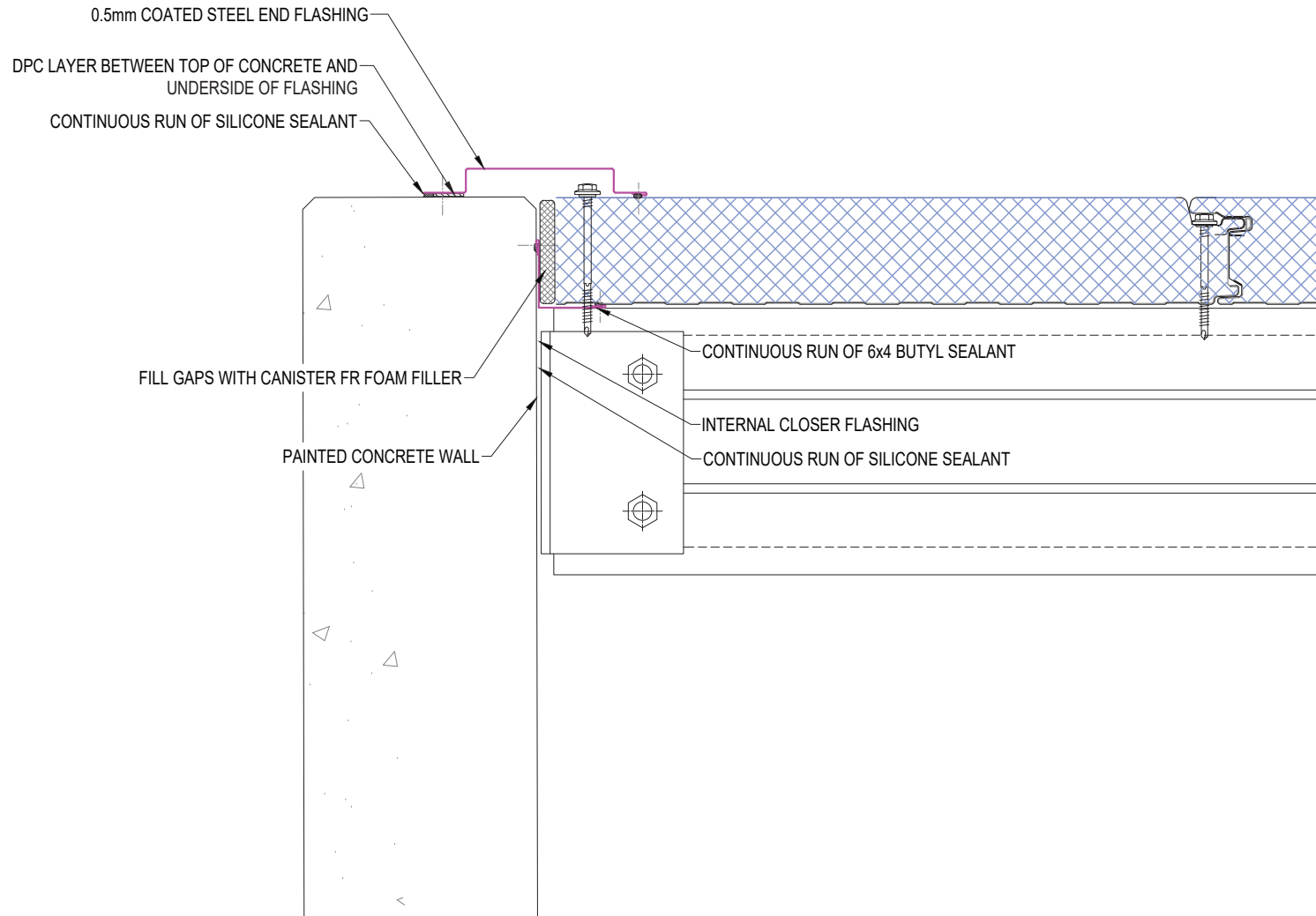
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WALL VERTICAL - EXTERNAL CORNER TO CONCRETE WALL



| | | |
|---|------------------|------------------|
| SYSTEM KS1000EVO WALL VERTICAL_STD Q1_2024 | | |
| DESCRIPTION WALL VERTICAL - EXTERNAL CORNER TO CONCRETE WALL | | |
| APPROVED BY JS | DATE 18.03.24 | REVISION - |
| DRG REF: EVO_VS_15 | SCALE 1:5 | PAPER SIZE A4 |

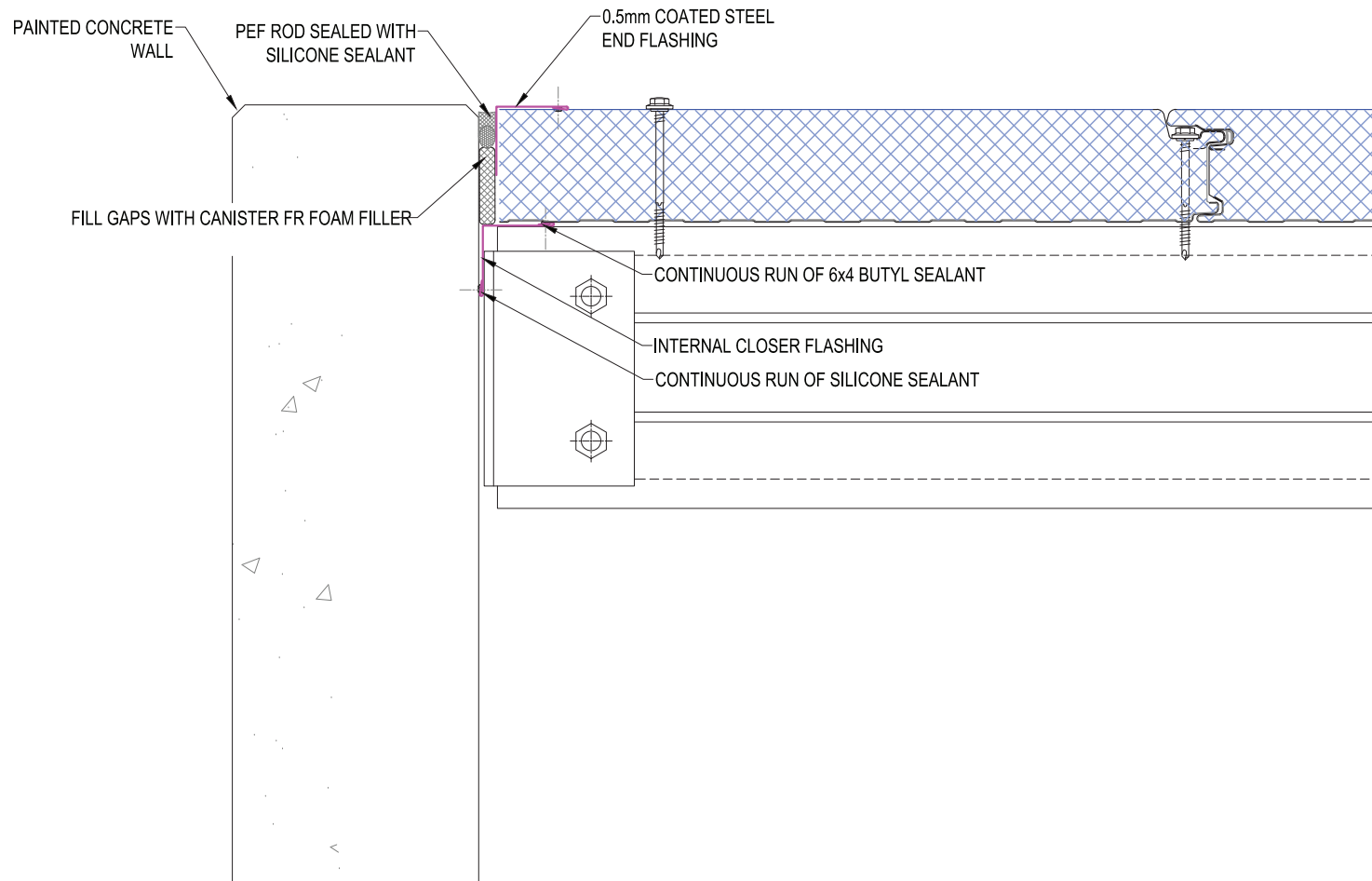
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WALL VERTICAL - EXTERNAL CORNER ABUTTING CONCRETE WALL



| | | |
|--|------------------|------------------|
| SYSTEM KS1000EVO WALL VERTICAL_STD Q1_2024 | | |
| DESCRIPTION WALL VERTICAL - EXTERNAL CORNER ABUTTING CONCRETE WALL | | |
| APPROVED BY JS | DATE 18.03.24 | REVISION - |
| DRG REF: EVO_VS_16 | SCALE 1:5 | PAPER SIZE A4 |

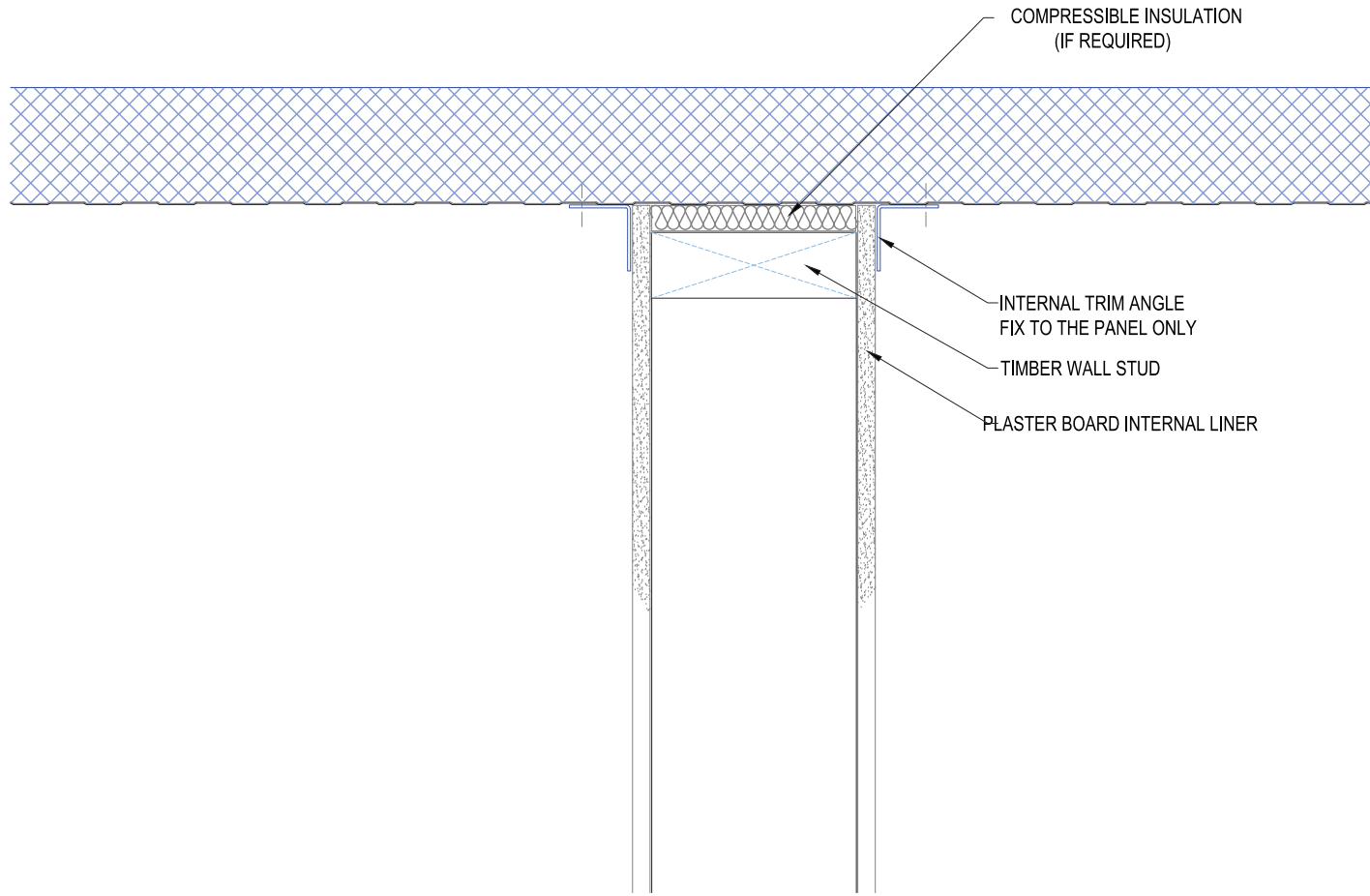
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INTERNAL PARTITION DETAIL



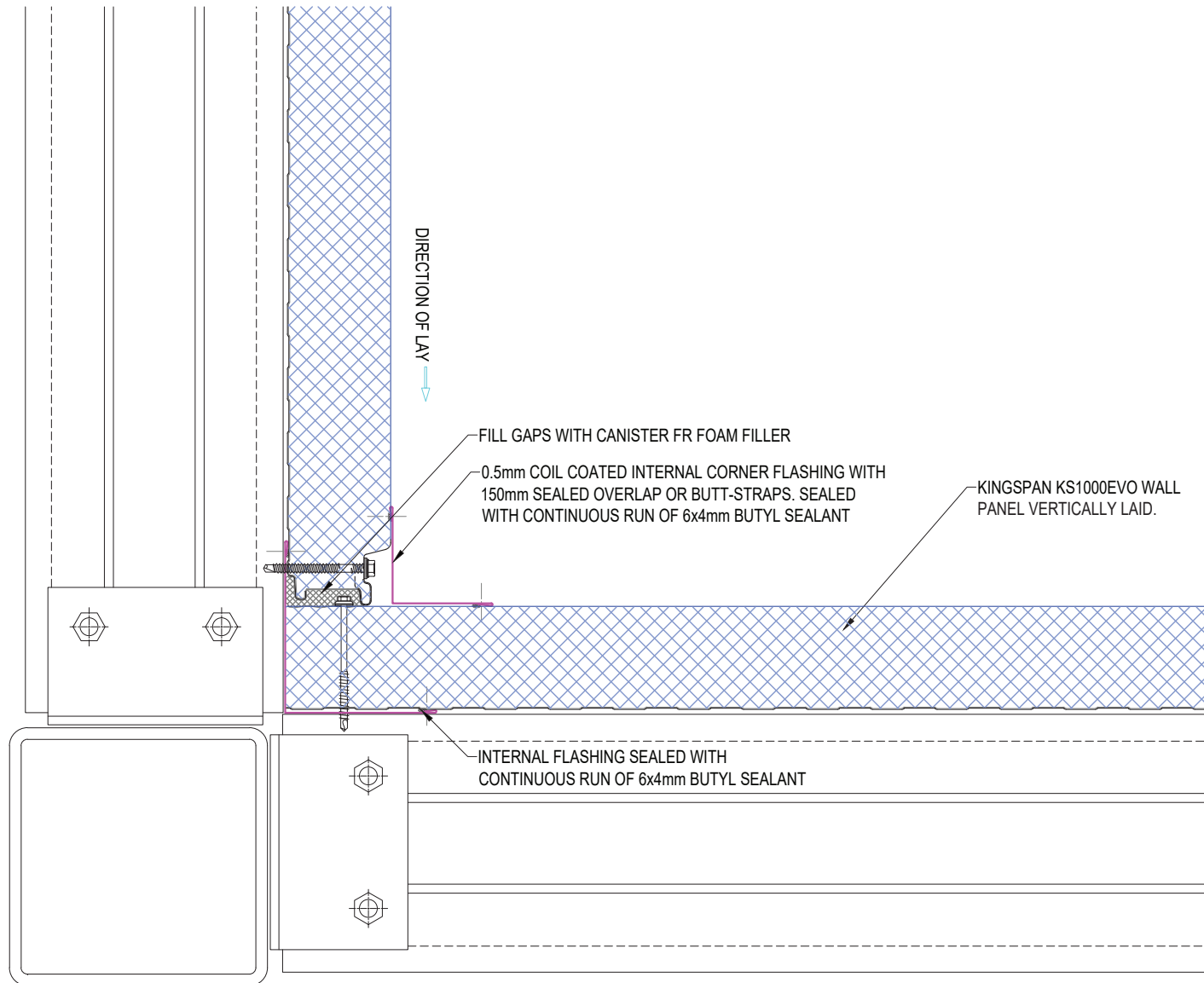
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| SYSTEM KS1000EVO WALL VERTICAL_STD Q1_2024 | | |
| DESCRIPTION INTERNAL PARTITION DETAIL | | |
| APPROVED BY JS | DATE 18.03.24 | REVISION - |
| DRG REF: EVO_VS_17 | SCALE 1:5 | PAPER SIZE A4 |

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WALL VERTICAL - INTERNAL CORNER



| | | |
|--|------------------|------------------|
| SYSTEM KS1000EVO WALL VERTICAL_STD Q1_2024 | | |
| DESCRIPTION WALL VERTICAL - INTERNAL CORNER | | |
| APPROVED BY JS | DATE 18.03.24 | REVISION - |
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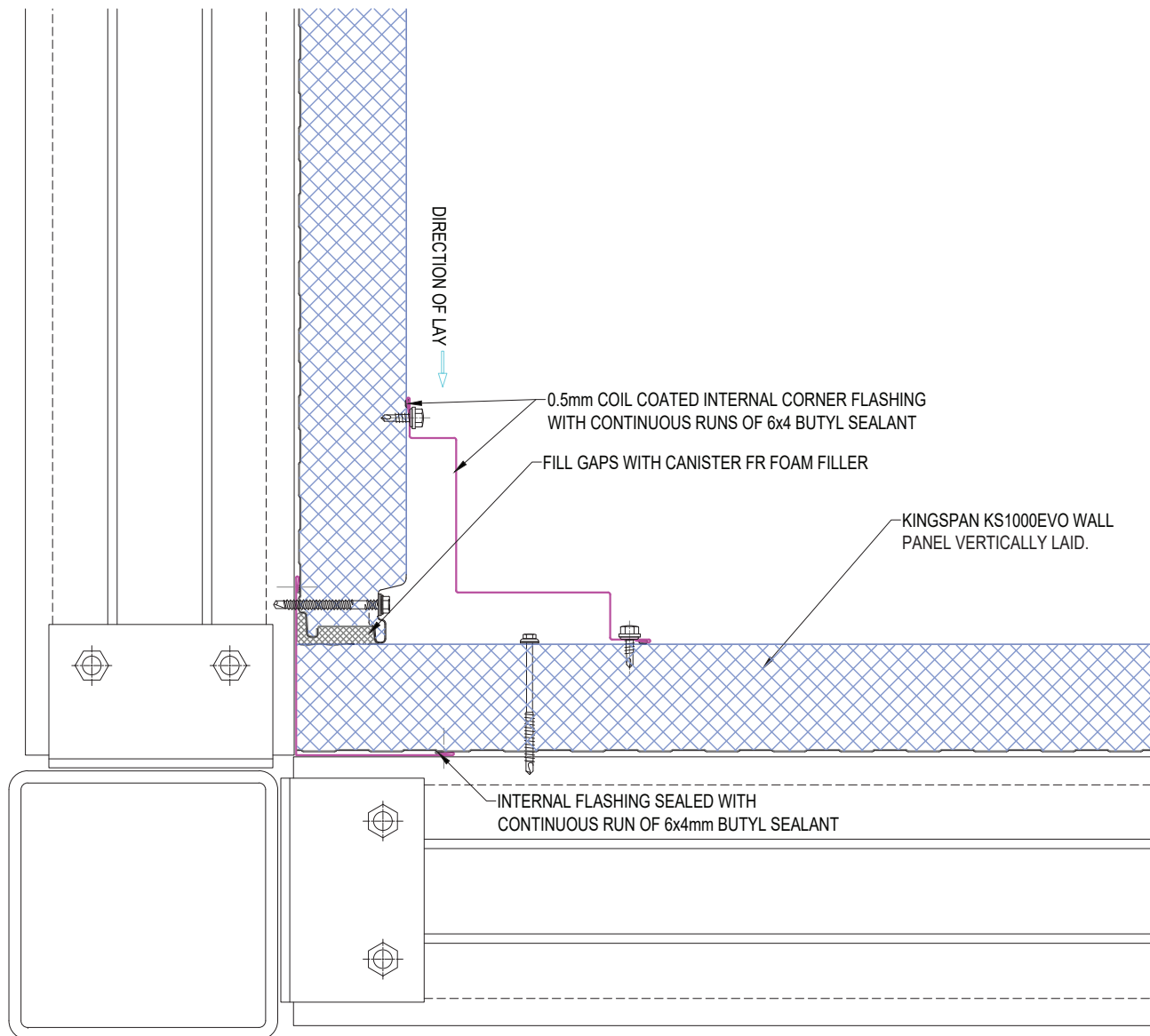
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WALL VERTICAL - INTERNAL CORNER



| | | |
|--|------------------|------------------|
| SYSTEM KS1000EVO WALL VERTICAL_STD Q1_2024 | | |
| DESCRIPTION WALL VERTICAL - INTERNAL CORNER | | |
| APPROVED BY JS | DATE 18.03.24 | REVISION - |
| DRG REF: EVO_VS_19 | SCALE 1:5 | PAPER SIZE A4 |

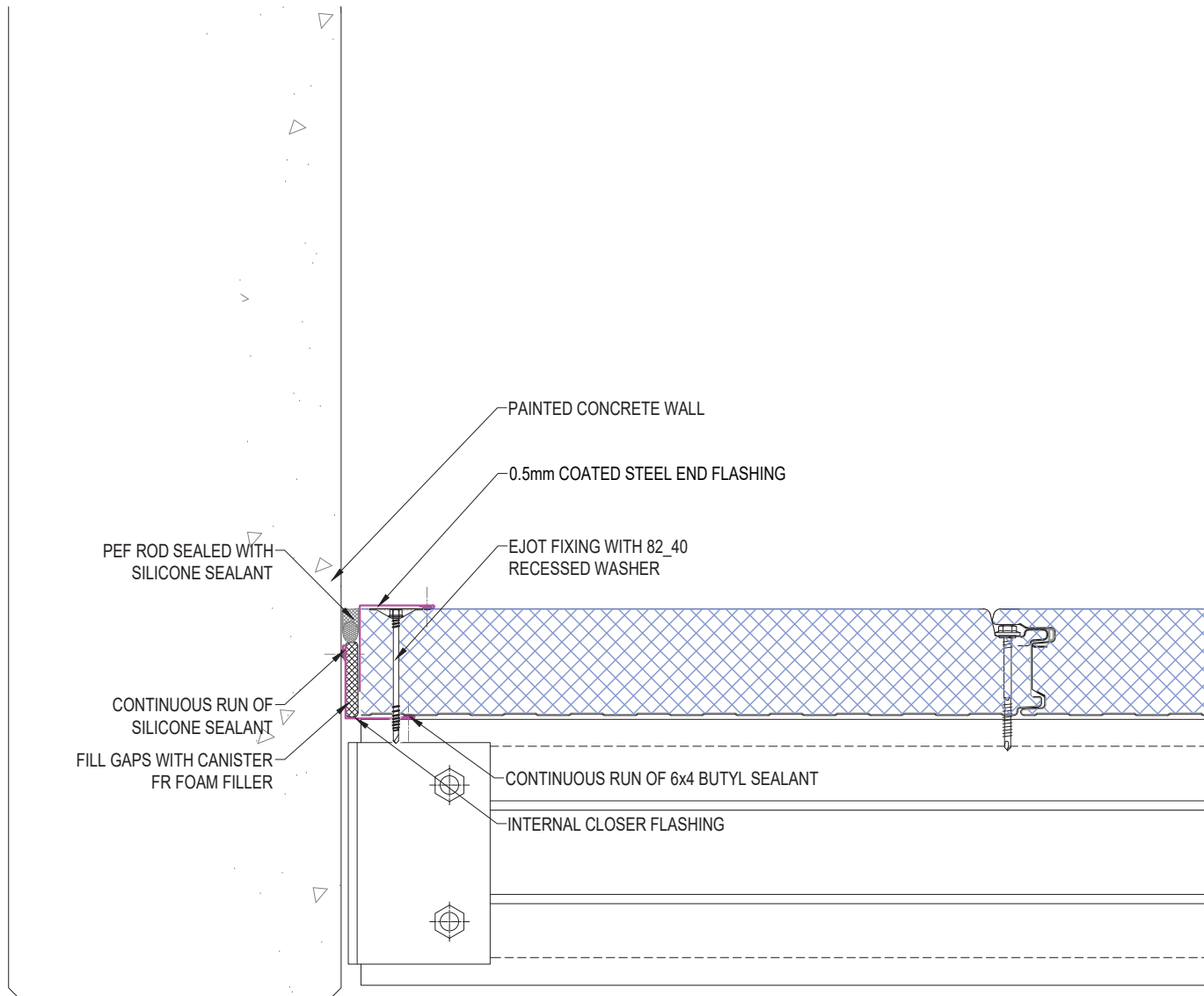
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WALL VERTICAL - INTERNAL ABUTMENT CORNER



| | | |
|---|------------------|------------------|
| SYSTEM KS1000EVO WALL VERTICAL_STD Q1_2024 | | |
| DESCRIPTION WALL VERTICAL - INTERNAL ABUTMENT CORNER | | |
| APPROVED BY JS | DATE 18.03.24 | REVISION - |
| DRG REF: EVO_VS_20 | SCALE 1:5 | PAPER SIZE A4 |

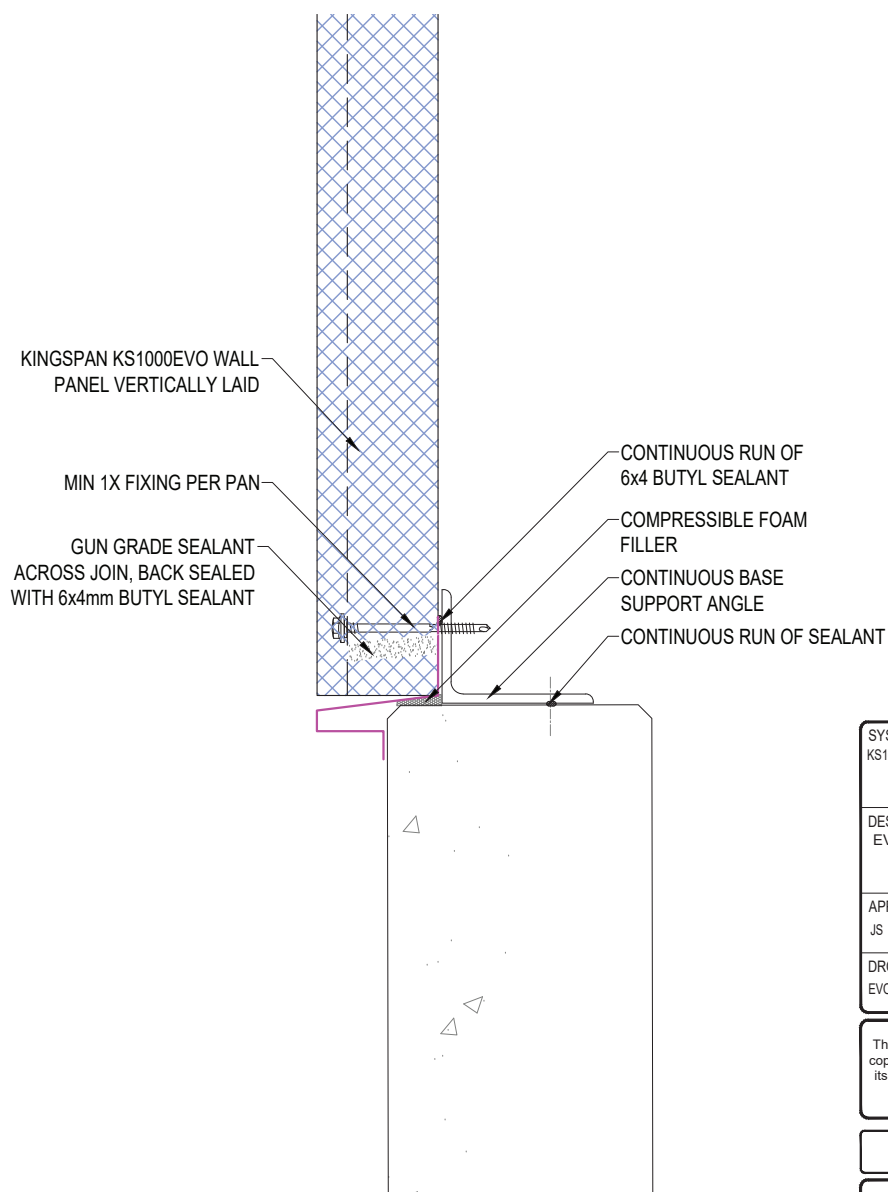
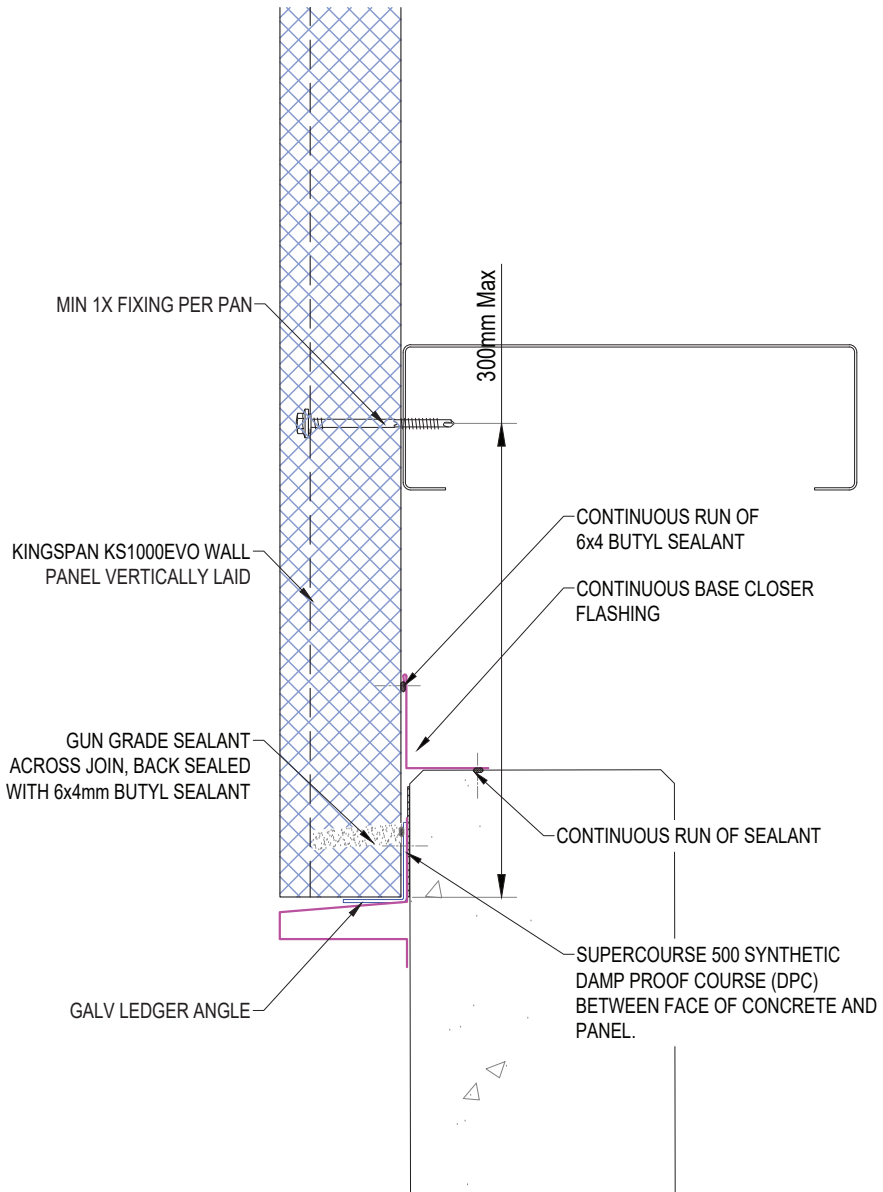
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EVO BASE DETAIL ON PRE-CAST WALL



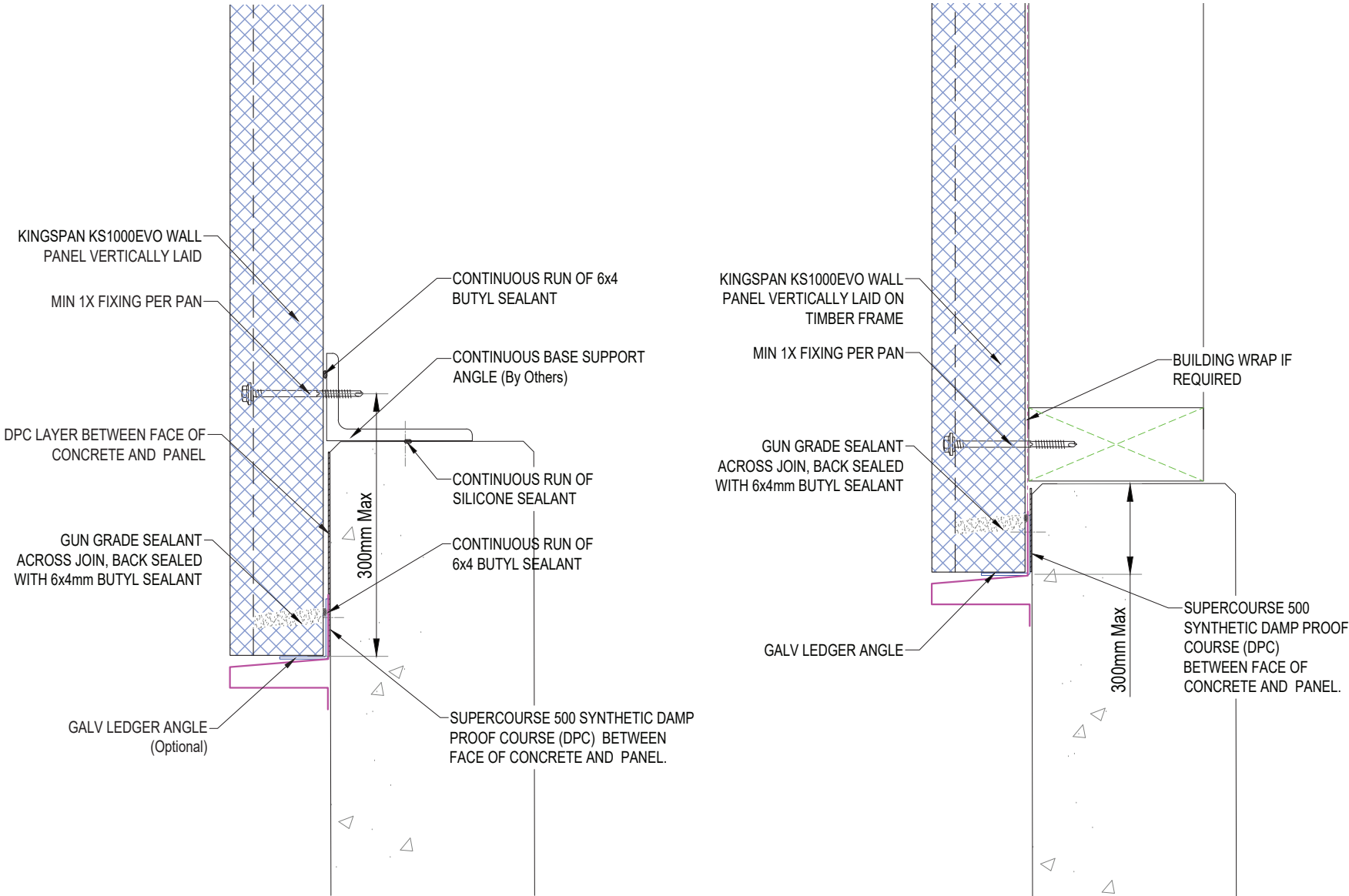
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| SYSTEM KS1000EVO WALL VERTICAL_STD Q1_2024 | | |
| DESCRIPTION EVO BASE DETAIL ON PRE-CAST WALL | | |
| APPROVED BY JS | DATE 18.03.24 | REVISION - |
| DRG REF: EVO_VS_21 | SCALE 1:5 | PAPER SIZE A4 |

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EVO BASE DETAIL ON PRE-CAST WALL



| | | |
|---|------------------|------------------|
| SYSTEM KS1000EVO WALL VERTICAL_STD Q1_2024 | | |
| DESCRIPTION EVO BASE DETAIL ON PRE-CAST WALL | | |
| APPROVED BY JS | DATE 18.03.24 | REVISION - |
| DRG REF: EVO_VS_22 | SCALE 1:5 | PAPER SIZE A4 |

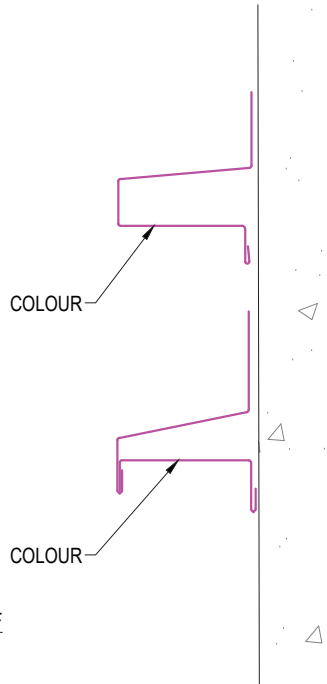
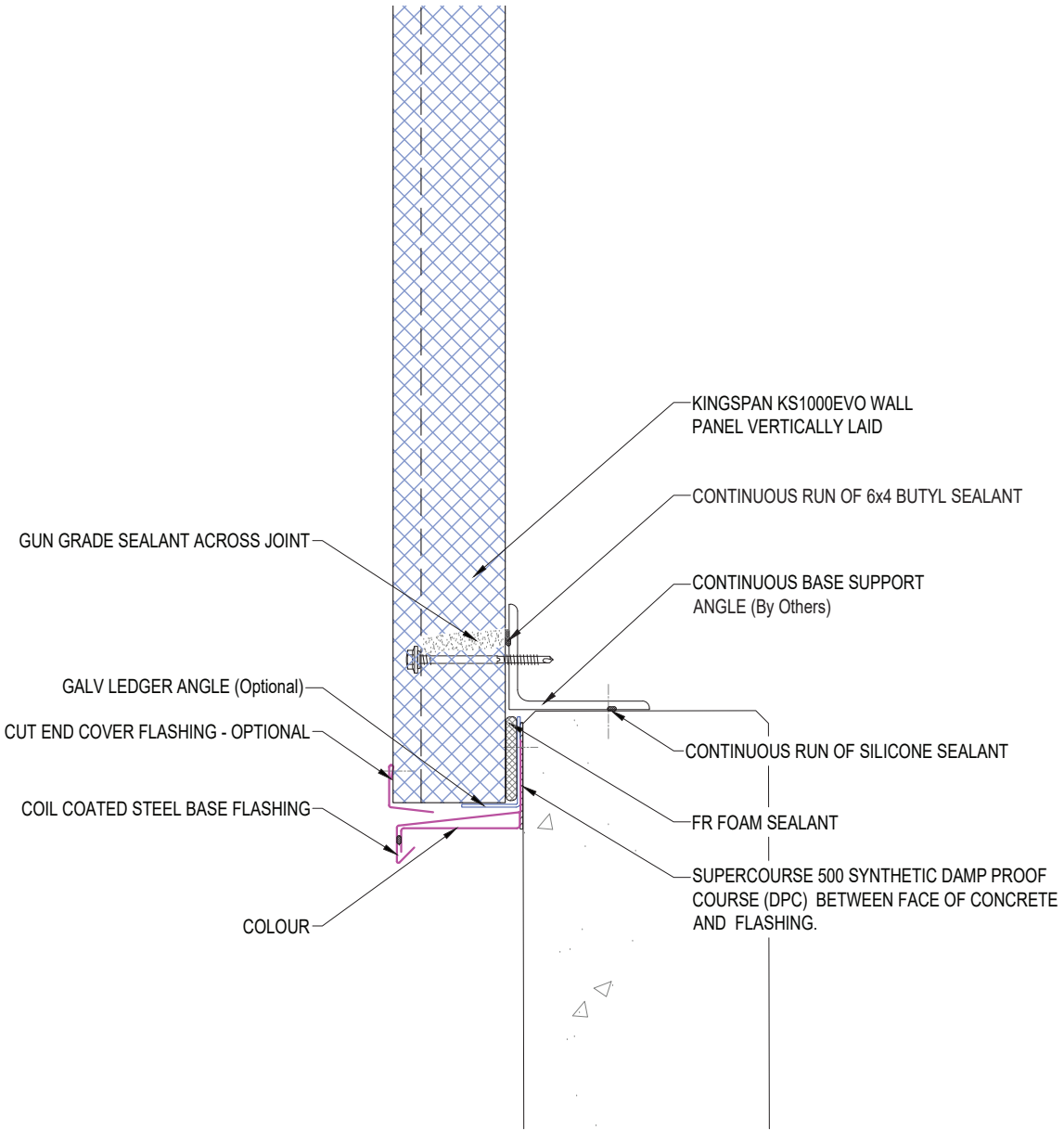
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EVO BASE DETAIL ON PRE-CAST WALL



BASE FLASHING OPTIONS IF UNDERSIDE IS VISIBLE

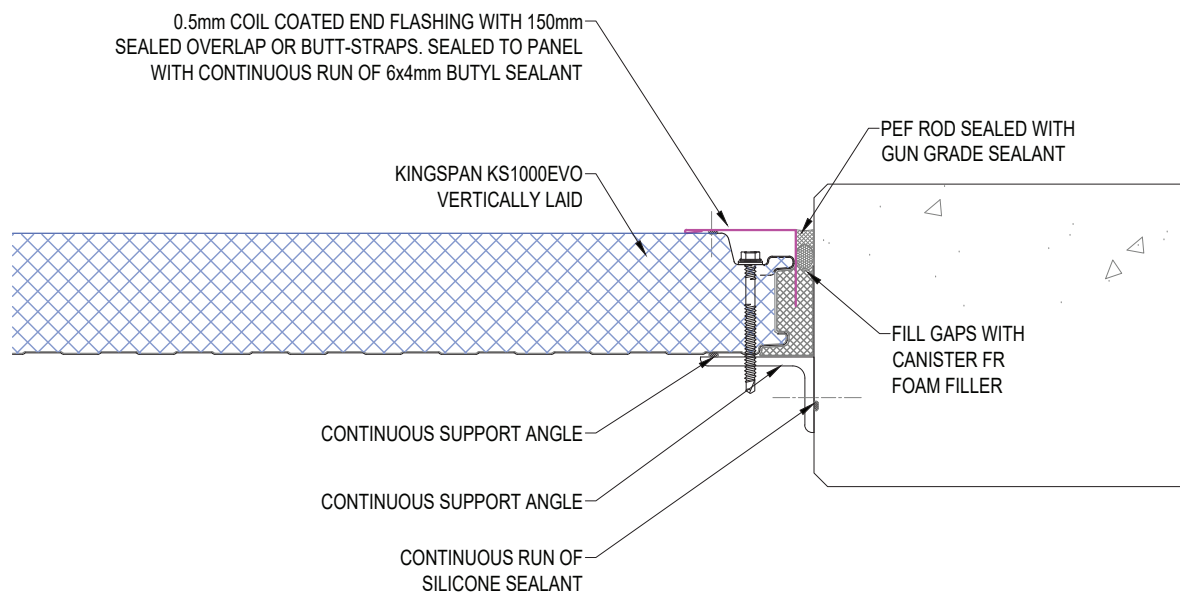
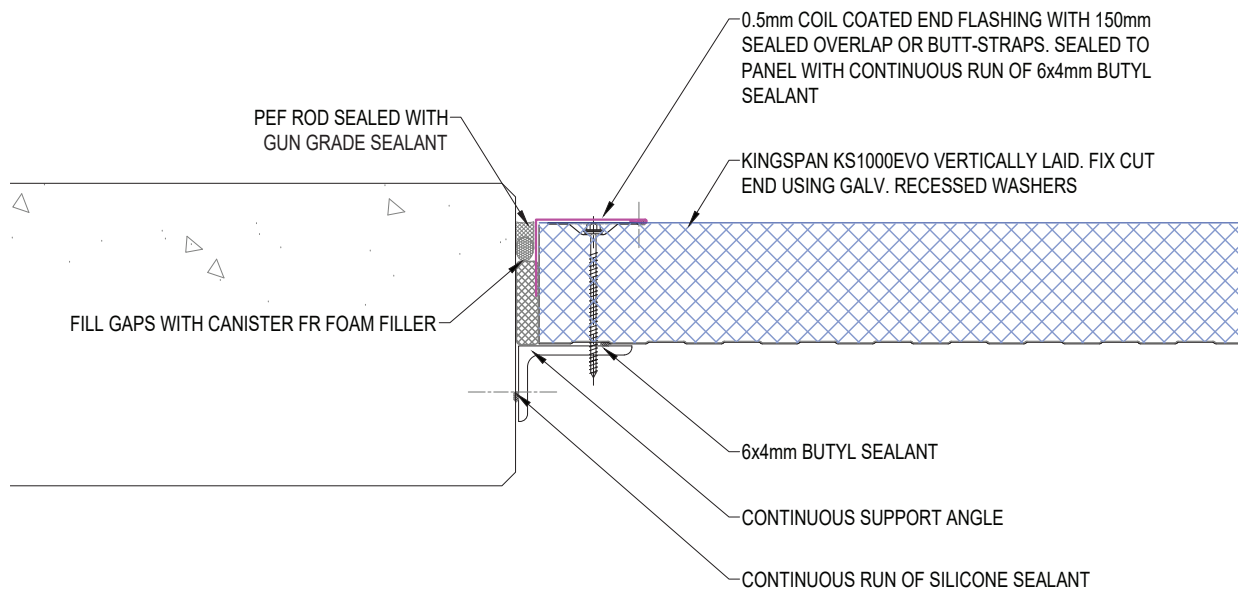
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|---|------------------|------------------|
| SYSTEM KS1000EVO WALL VERTICAL_STD Q1_2024 | | |
| DESCRIPTION EVO BASE DETAIL ON PRE-CAST WALL | | |
| APPROVED BY JS | DATE 18.03.24 | REVISION - |
| DRG REF: EVO_VS_23 | SCALE 1:5 | PAPER SIZE A4 |

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WALL VERTICAL ABUTMENT TO CONCRETE



| | | |
|---|------------------|------------------|
| SYSTEM KS1000EVO WALL VERTICAL_STD Q1_2024 | | |
| DESCRIPTION WALL VERTICAL ABUTMENT TO CONCRETE | | |
| APPROVED BY JS | DATE 18.03.24 | REVISION - |
| DRG REF: EVO_VS_25 | SCALE 1:5 | PAPER SIZE A4 |

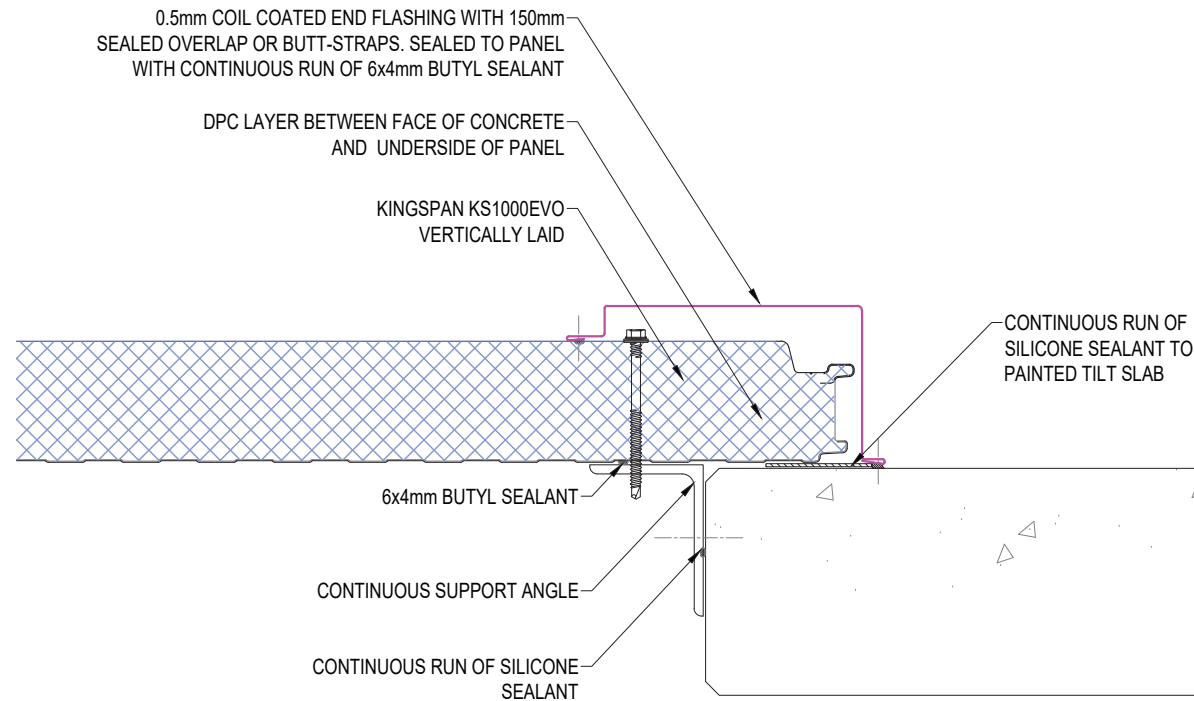
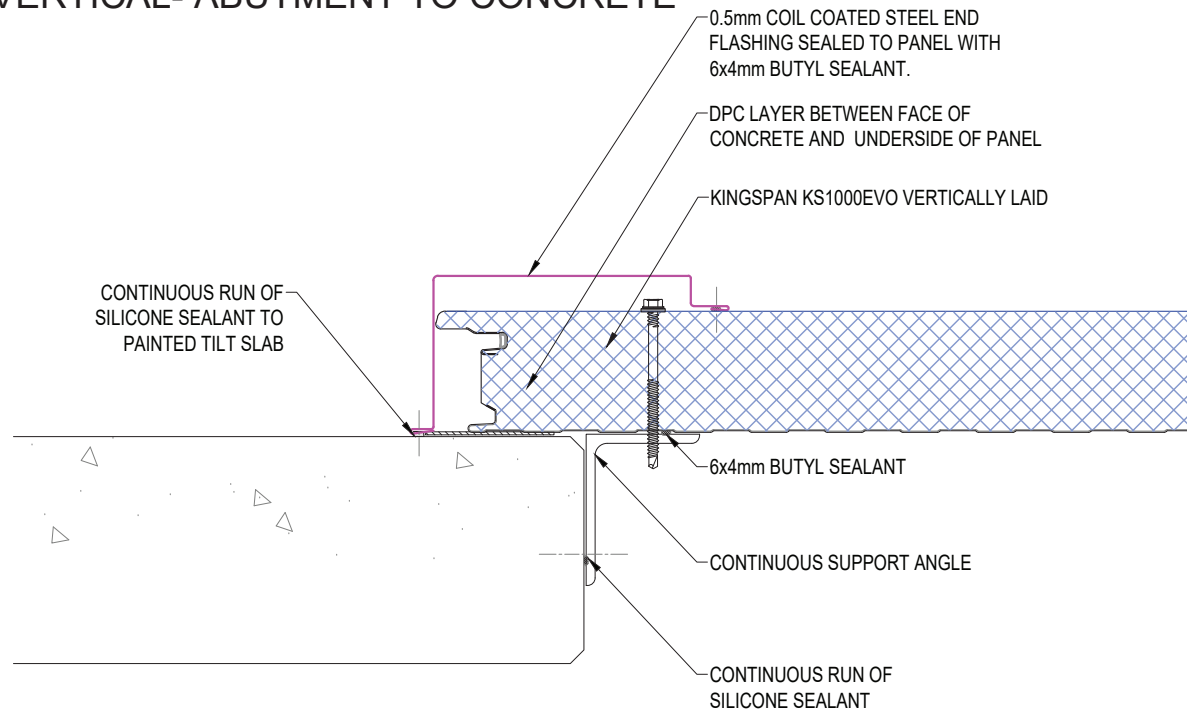
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WALL VERTICAL- ABUTMENT TO CONCRETE



| | | |
|--|------------------|------------------|
| SYSTEM KS1000EVO WALL VERTICAL_STD Q1_2024 | | |
| DESCRIPTION WALL VERTICAL- ABUTMENT TO CONCRETE | | |
| APPROVED BY JS | DATE 18.03.24 | REVISION - |
| DRG REF: EVO_VS_26 | SCALE 1:5 | PAPER SIZE A4 |

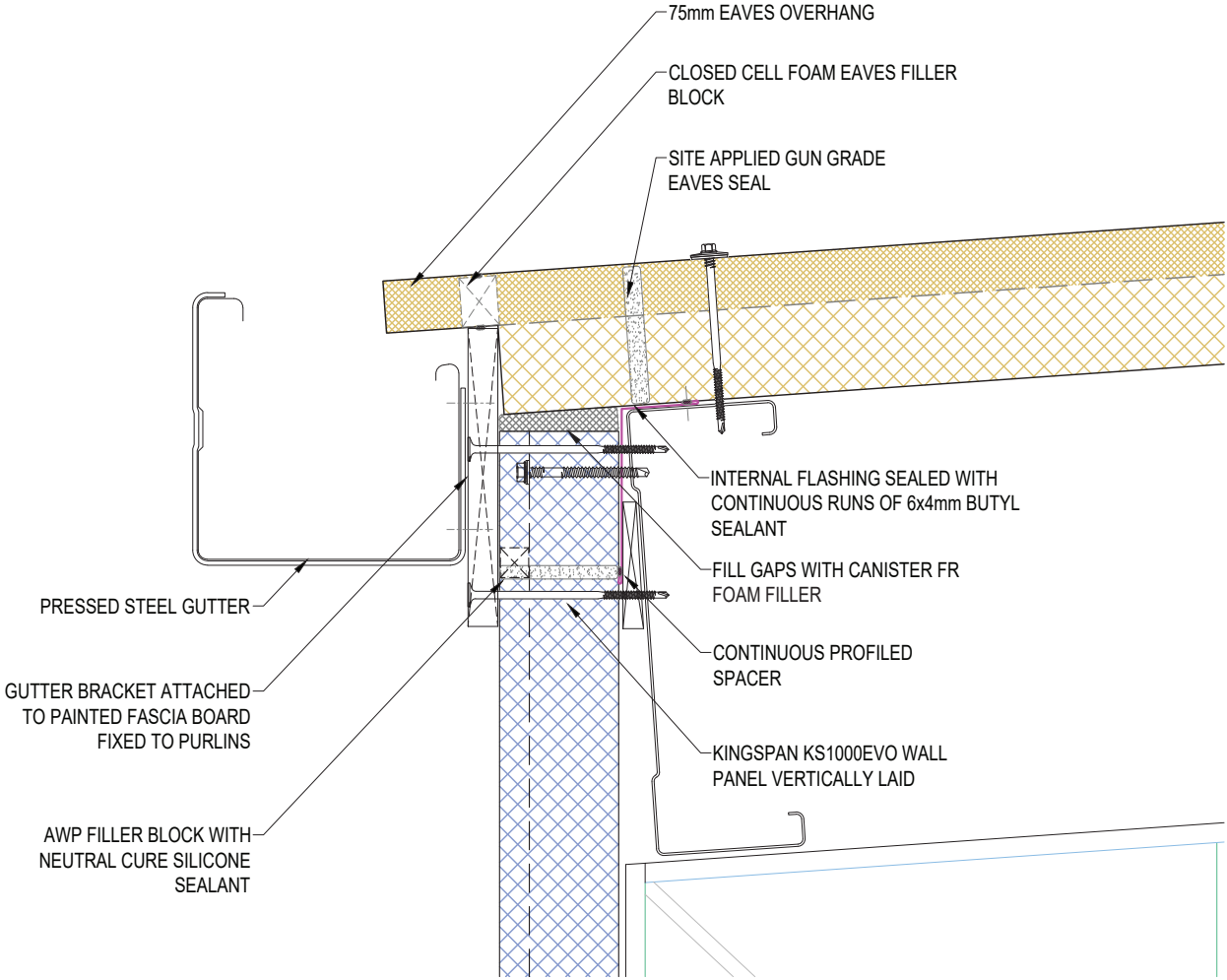
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WALL VERTICAL - EAVES GUTTER



| | | |
|---|------------------|------------------|
| SYSTEM KS1000EVO WALL VERTICAL_STD Q1_2024 | | |
| DESCRIPTION WALL VERTICAL - EAVES GUTTER | | |
| APPROVED BY JS | DATE 18.03.24 | REVISION - |
| DRG REF: EVO_VS_27 | SCALE 1:5 | PAPER SIZE A4 |

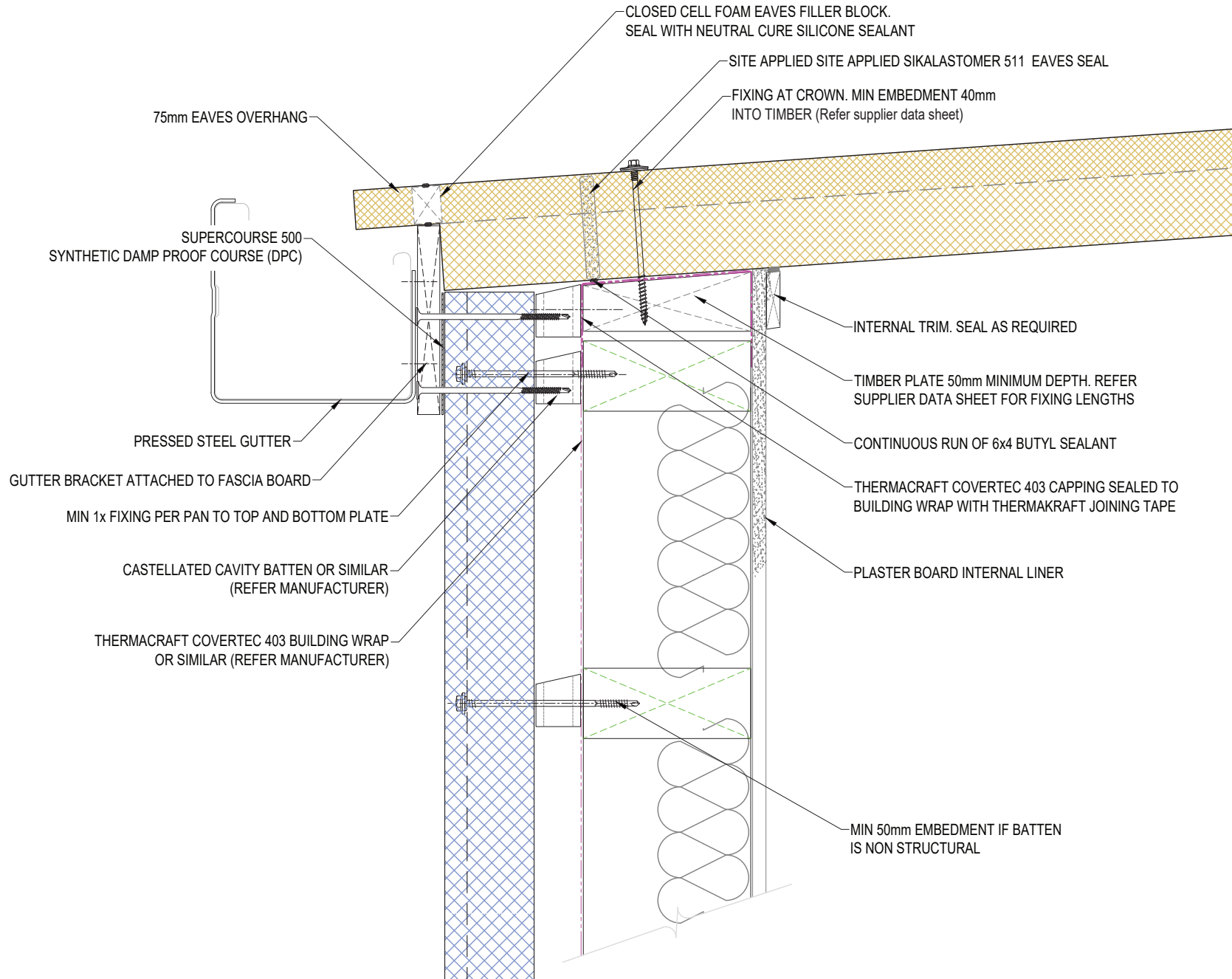
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EAVES GUTTER - CAVITY WALL ON BUILDING WRAP



| | | |
|--|------------------|------------------|
| SYSTEM KS1000EVO WALL VERTICAL_STD Q1_2024 | | |
| DESCRIPTION EAVES GUTTER - CAVITY WALL ON BUILDING WRAP | | |
| APPROVED BY JS | DATE 18.03.24 | REVISION - |
| DRG REF: EVO_VS_29 | SCALE 1:5 | PAPER SIZE A4 |

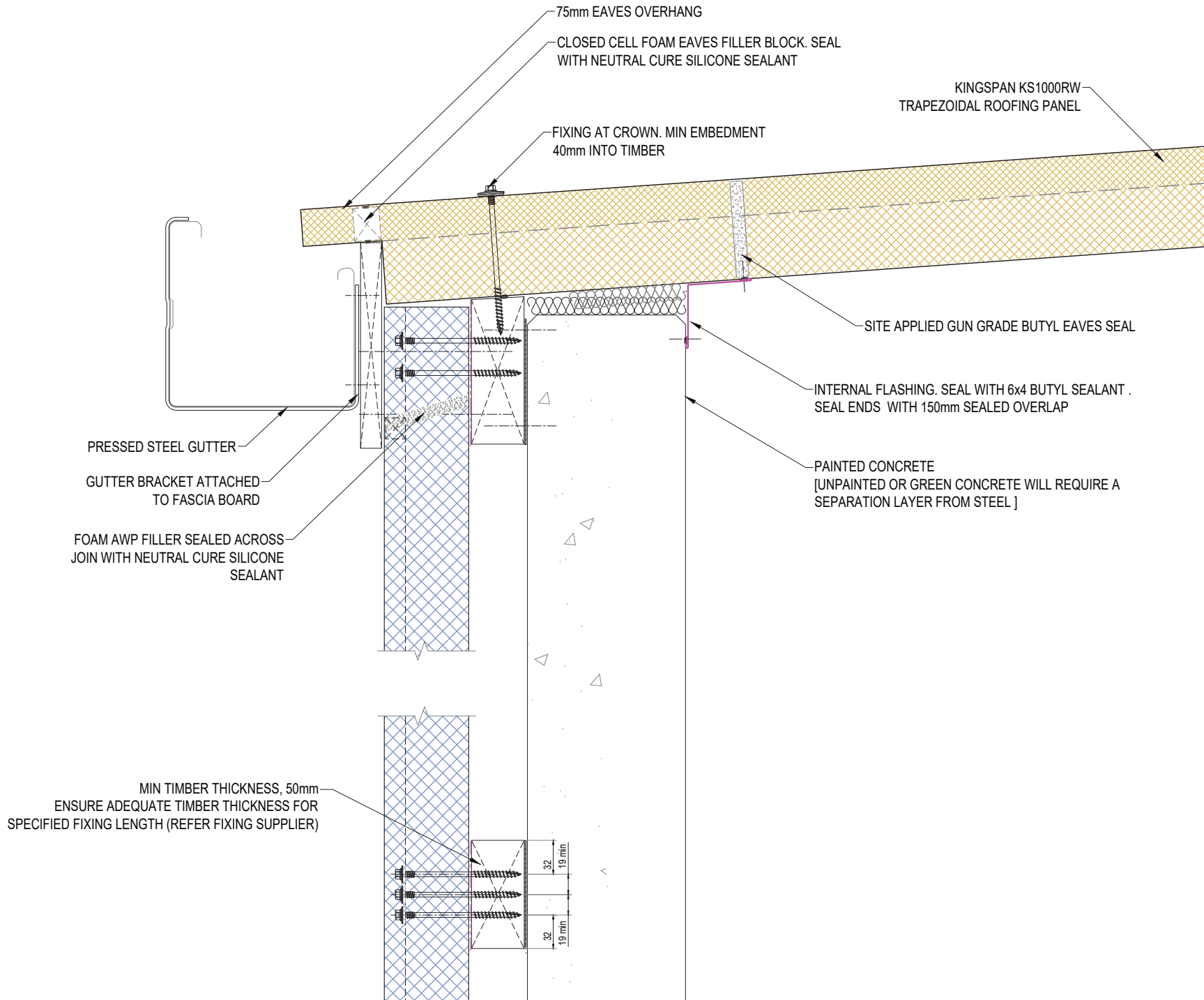
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EVO WALL EAVES ON TIMBER STRAPPING TO CONCRETE



| | | |
|---|------------------|------------------|
| SYSTEM KS1000EVO WALL VERTICAL_STD Q1_2024 | | |
| DESCRIPTION EVO WALL EAVES ON TIMBER STRAPPING TO CONCRETE | | |
| APPROVED BY JS | DATE 18.03.24 | REVISION - |
| DRG REF: EVO_VS_30 | SCALE 1:5 | PAPER SIZE A4 |

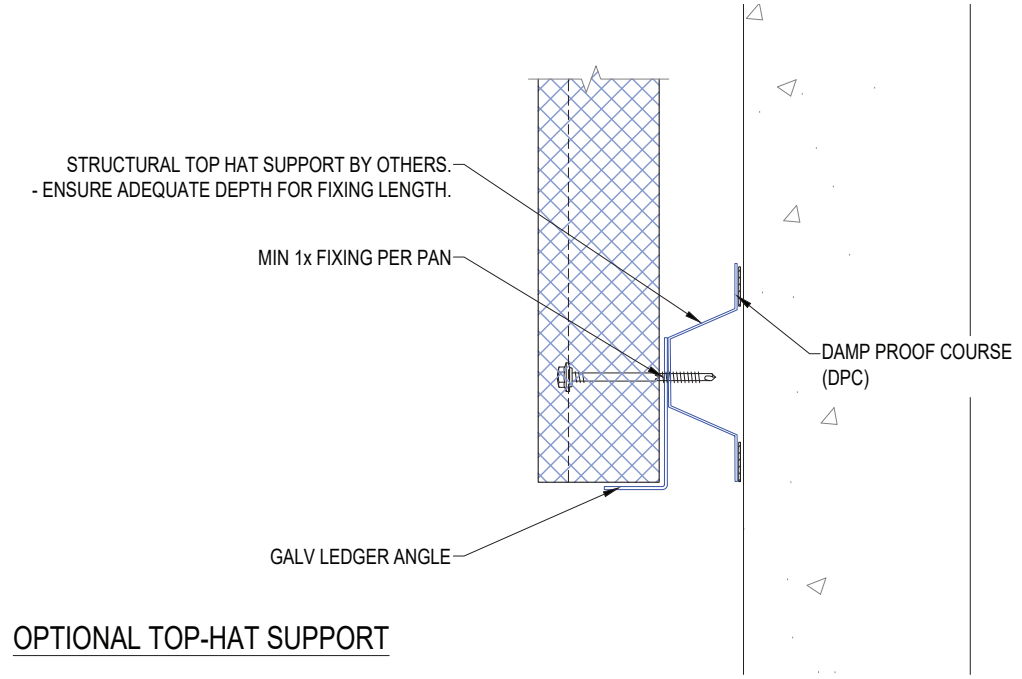
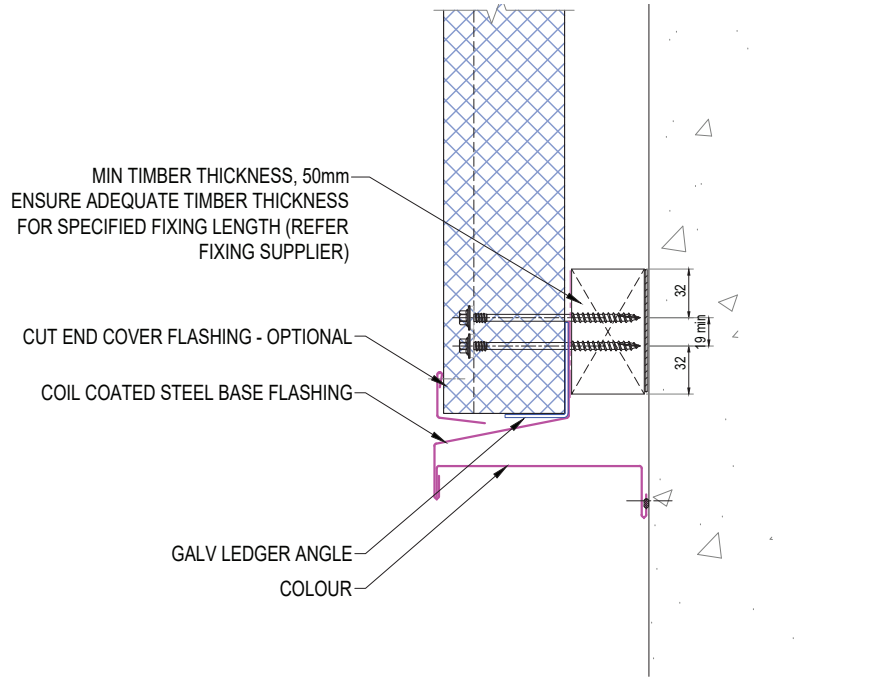
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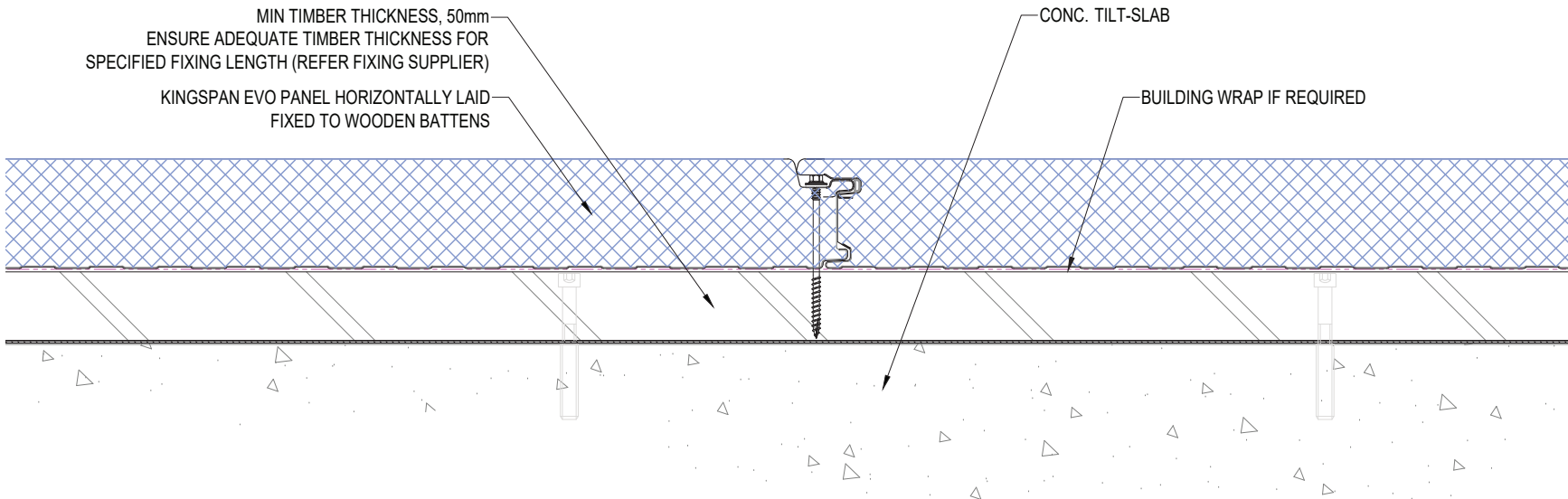


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EVO WALL ON STRAPPING TO CONCRETE



OPTIONAL TOP-HAT SUPPORT



| | | |
|--|------------------|------------------|
| SYSTEM KS1000EVO WALL VERTICAL_STD Q1_2024 | | |
| DESCRIPTION EVO WALL ON STRAPPING TO CONCRETE | | |
| APPROVED BY JS | DATE 18.03.24 | REVISION - |
| DRG REF: EVO_VS_31 | SCALE 1:5 | PAPER SIZE A4 |

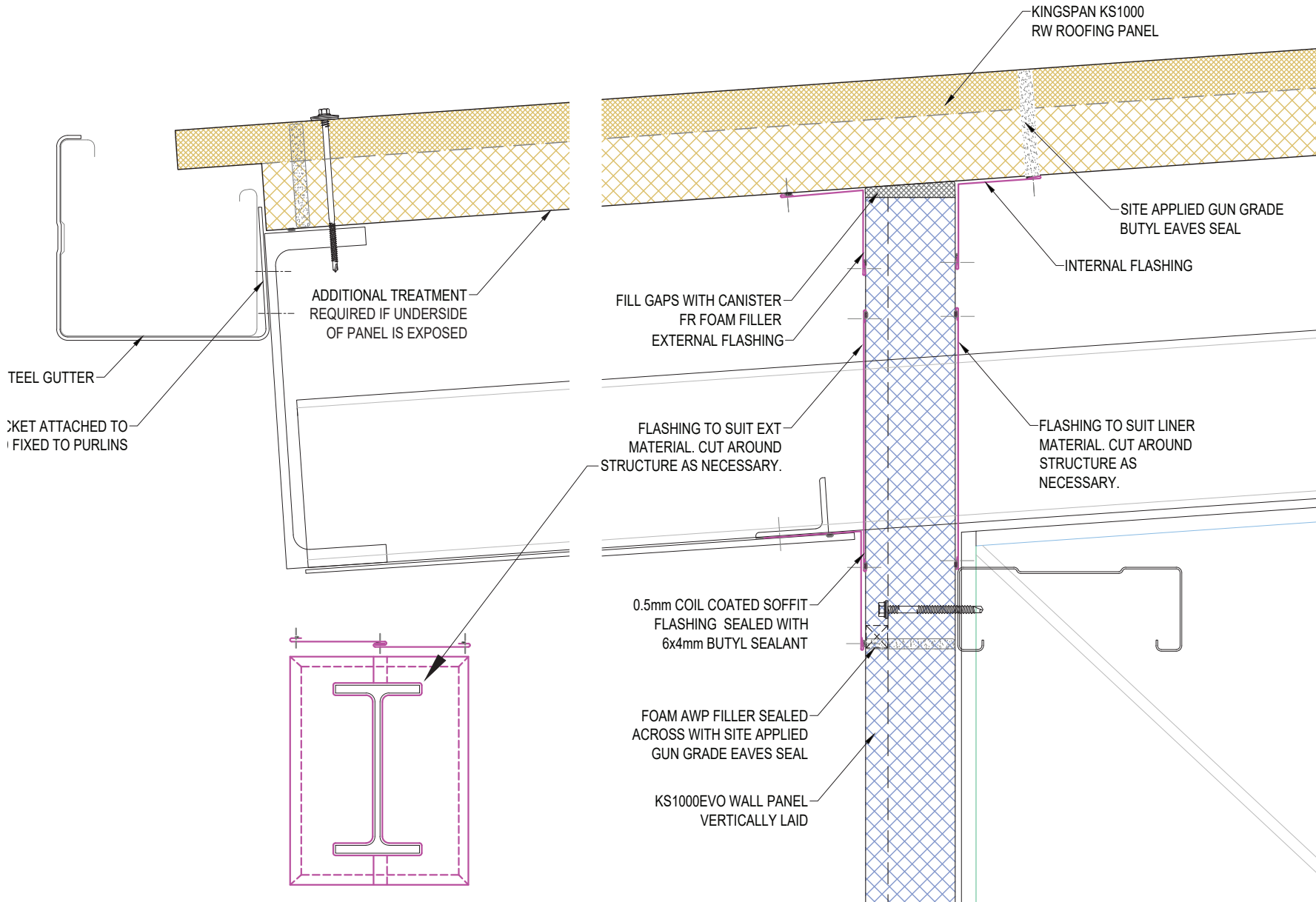
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WALL VERTICAL - OVERHANGING EAVES GUTTER



| | | |
|--|------------------|------------------|
| SYSTEM KS1000EVO WALL VERTICAL_STD Q1_2024 | | |
| DESCRIPTION WALL VERTICAL - OVERHANGING EAVES GUTTER | | |
| APPROVED BY JS | DATE 18.03.24 | REVISION - |
| DRG REF: EVO_VS_32 | SCALE 1:5 | PAPER SIZE A4 |

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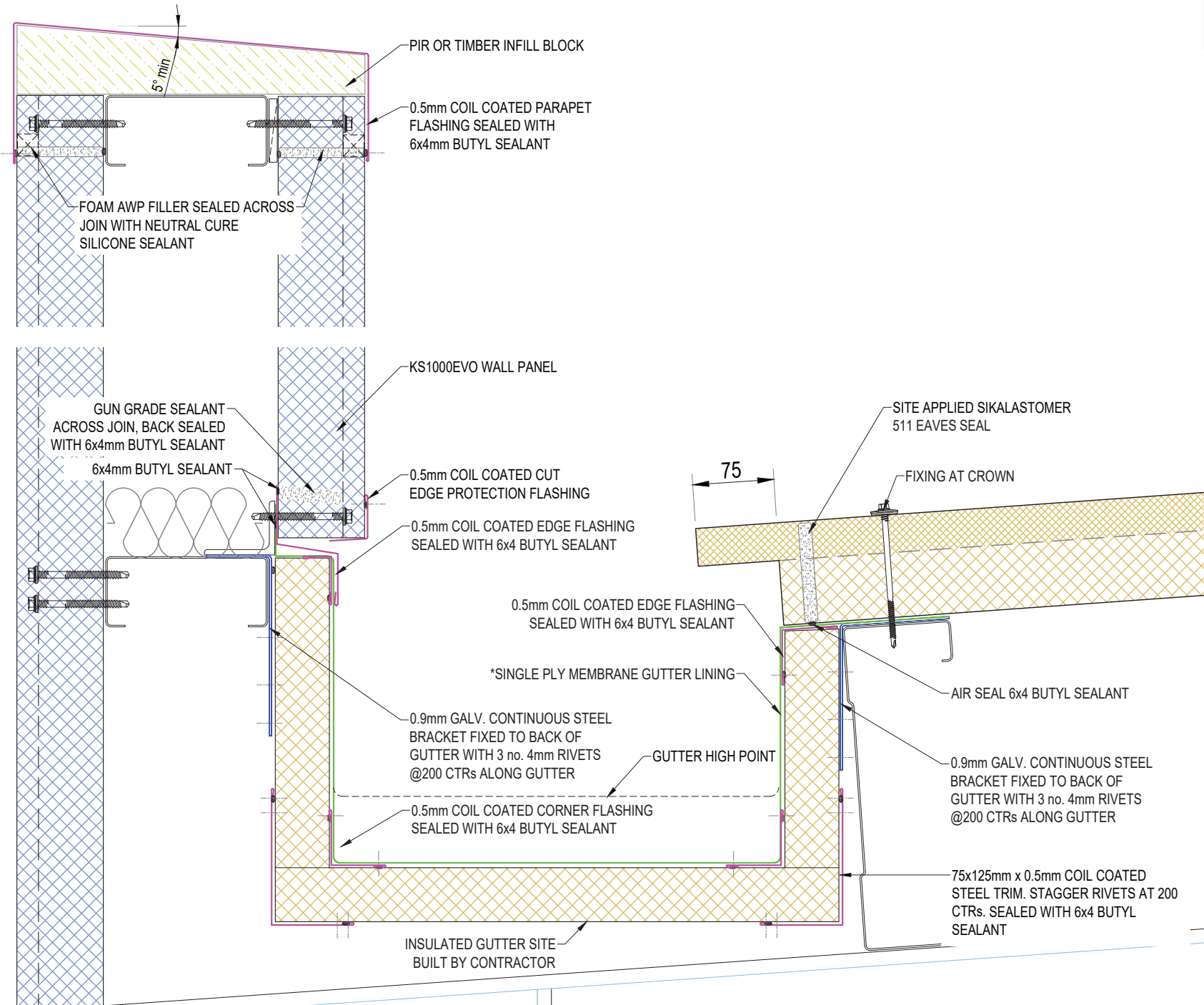
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WALL VERTICAL - PARAPET GUTTER

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



| | | |
|---|------------------|------------------|
| SYSTEM KS1000EVO WALL VERTICAL_STD Q1_2024 | | |
| DESCRIPTION WALL VERTICAL - PARAPET GUTTER | | |
| APPROVED BY JS | DATE 18.03.24 | REVISION - |
| DRG REF: EVO_VS_33 | SCALE 1:5 | PAPER SIZE A4 |

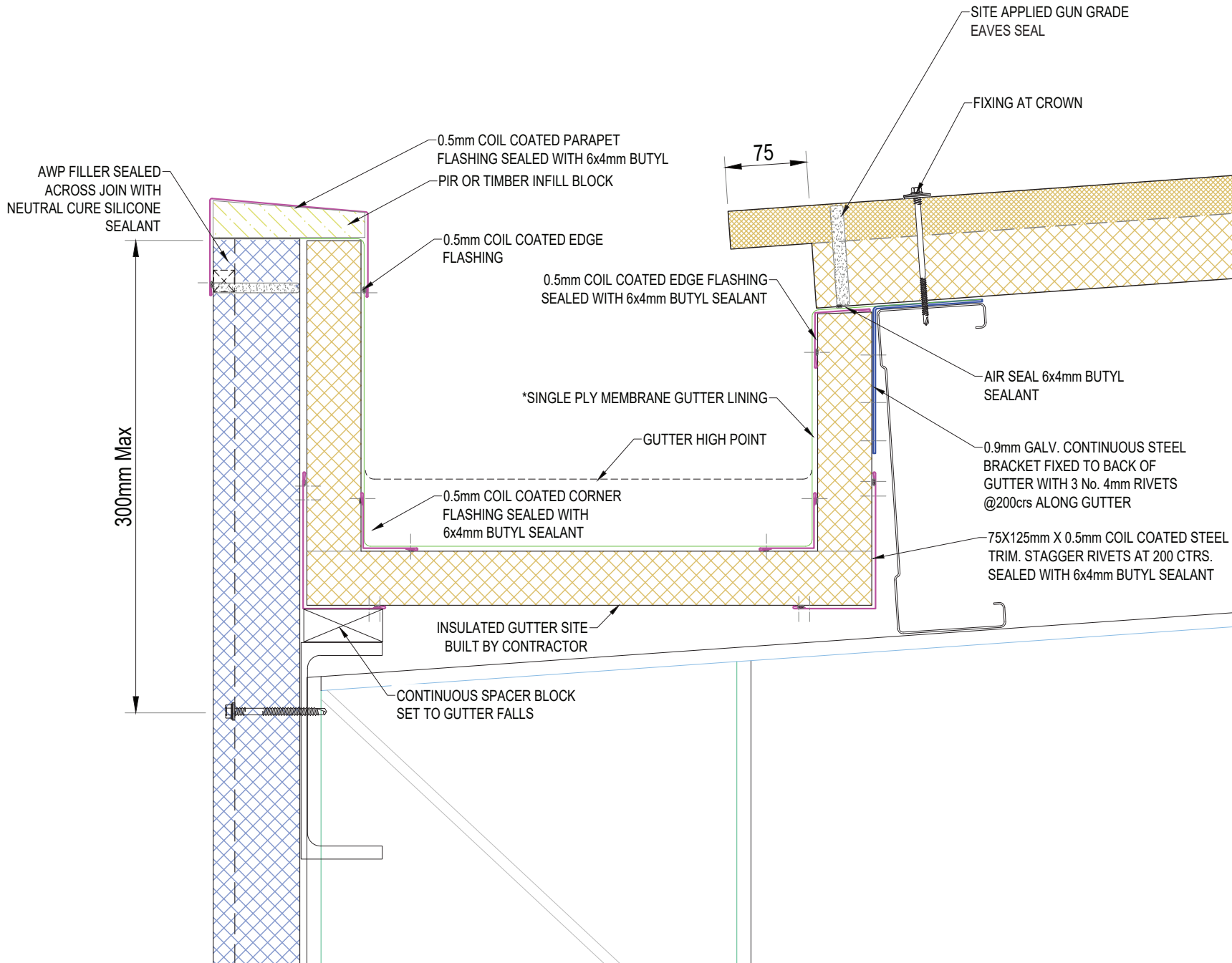
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WALL VERTICAL - BOUNDARY GUTTER

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



| | | |
|--|------------------|------------------|
| SYSTEM KS1000EVO WALL VERTICAL_STD Q1_2024 | | |
| DESCRIPTION WALL VERTICAL - BOUNDARY GUTTER | | |
| APPROVED BY JS | DATE 18.03.24 | REVISION - |
| DRG REF: EVO_VS_34 | SCALE 1:5 | PAPER SIZE A4 |

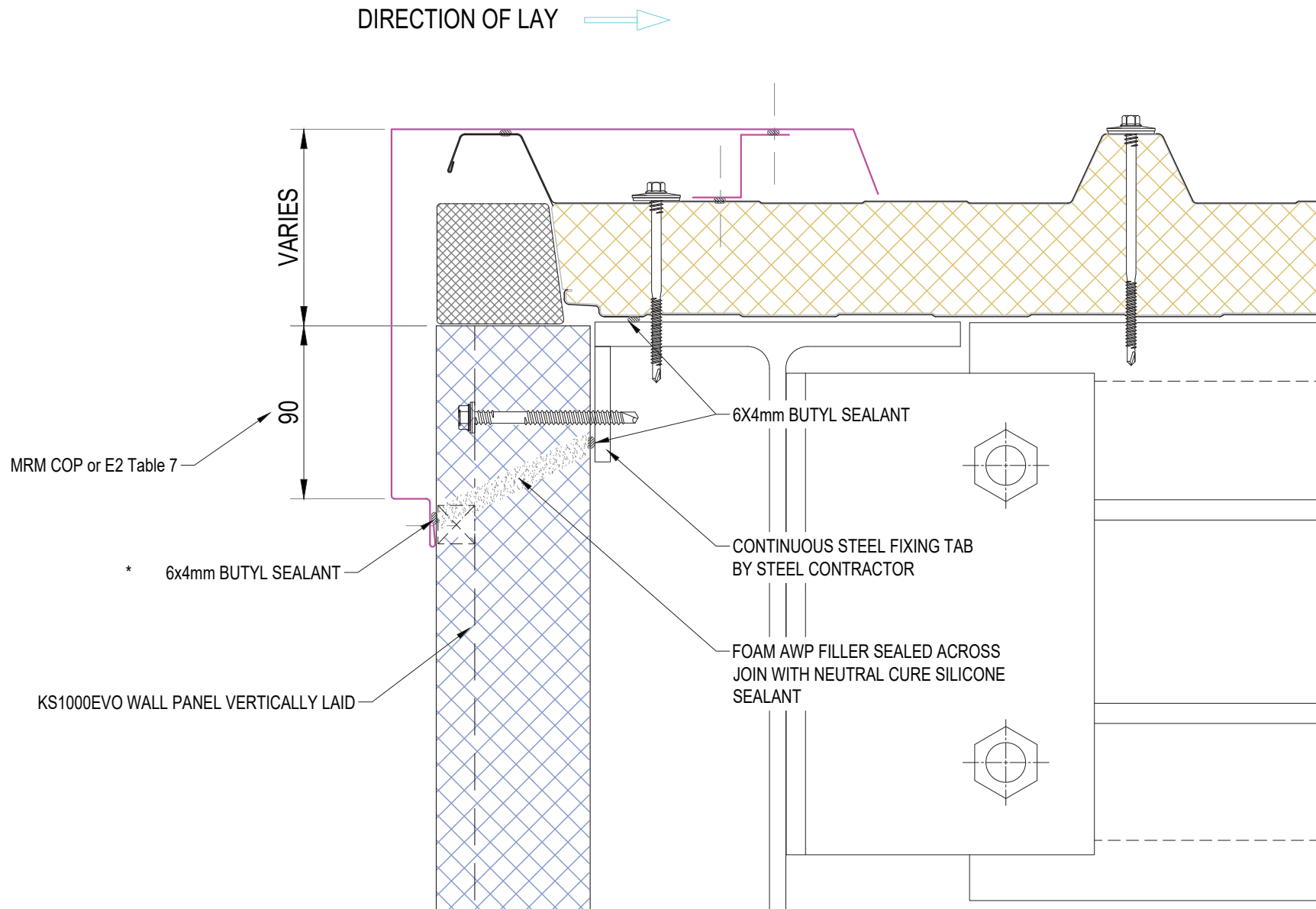
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WALL VERTICAL - VERGE_1



| | | |
|---|------------------|------------------|
| SYSTEM KS1000EVO WALL VERTICAL_STD Q1_2024 | | |
| DESCRIPTION WALL VERTICAL - VERGE_1 | | |
| APPROVED BY JS | DATE 18.03.24 | REVISION - |
| DRG REF: EVO_VS_35 | SCALE 1:3 | PAPER SIZE A4 |

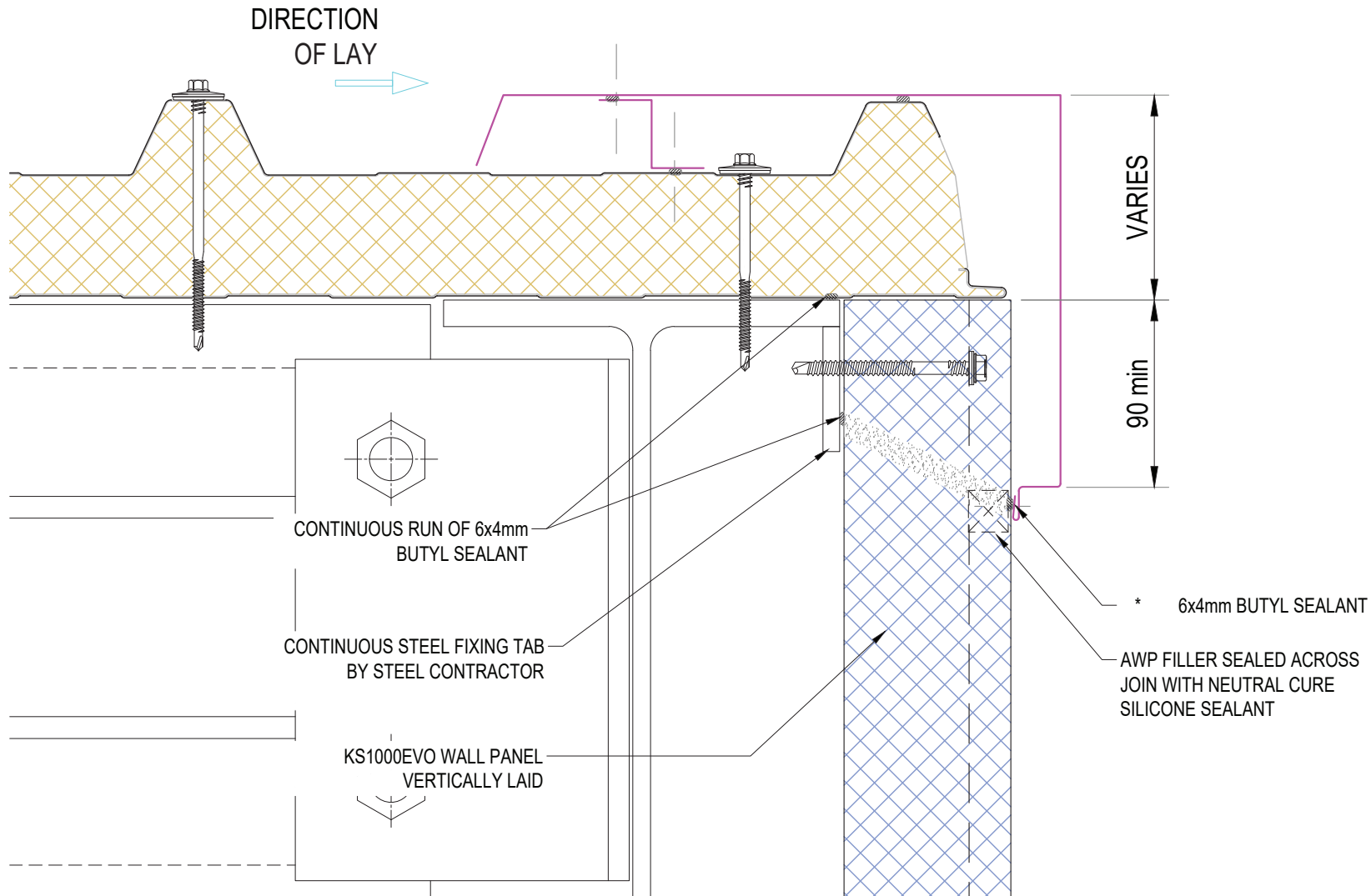
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WALL VERTICAL - VERGE_2



| | | |
|---|------------------|------------------|
| SYSTEM KS1000EVO WALL VERTICAL_STD Q1_2024 | | |
| DESCRIPTION WALL VERTICAL - VERGE_2 | | |
| APPROVED BY JS | DATE 18.03.24 | REVISION - |
| DRG REF: EVO_VS_36 | SCALE 1:3 | PAPER SIZE A4 |

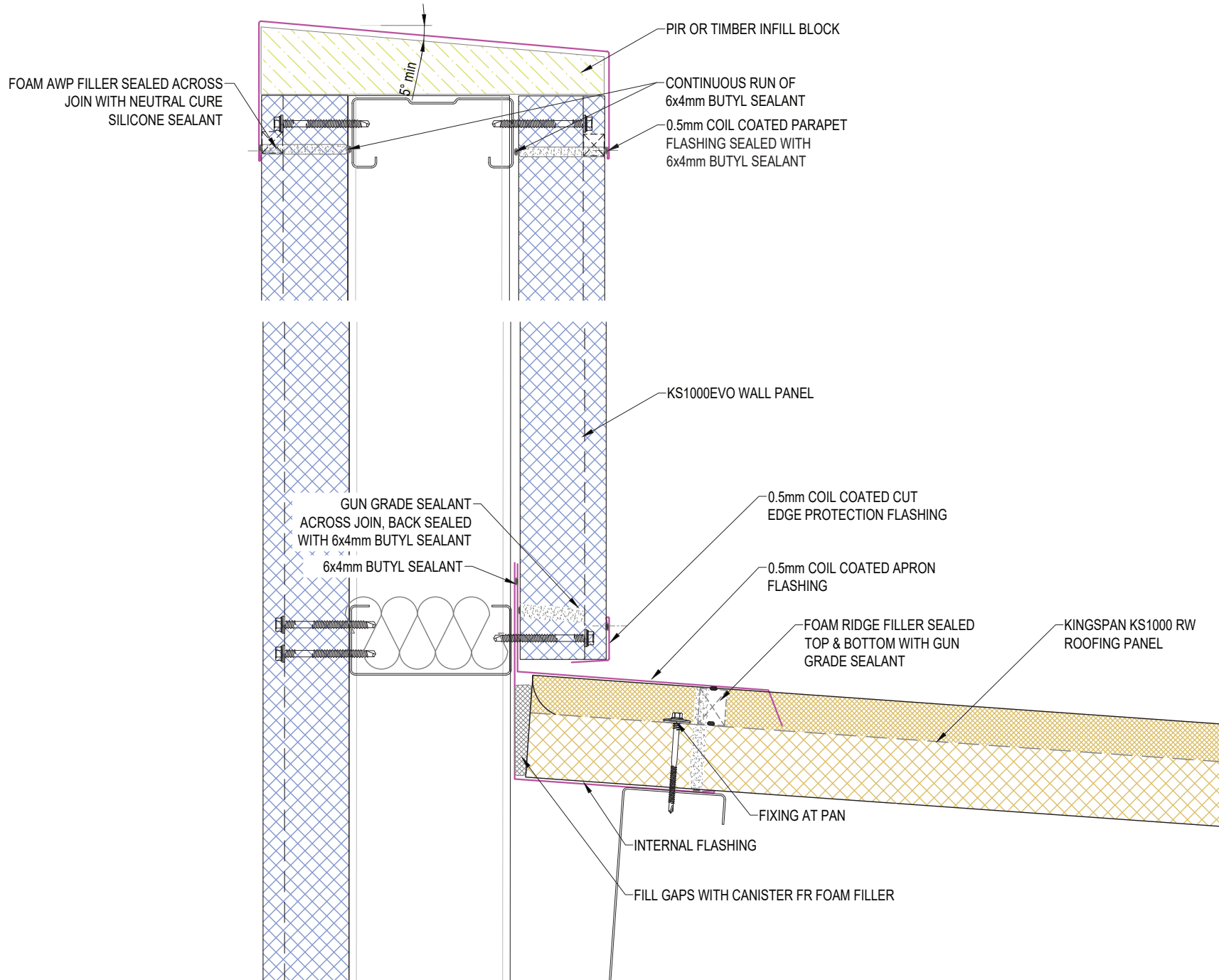
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WALL VERTICAL - SKILLION DETAIL



| | | |
|--|------------------|------------------|
| SYSTEM KS1000EVO WALL VERTICAL_STD Q1_2024 | | |
| DESCRIPTION WALL VERTICAL - SKILLION DETAIL | | |
| APPROVED BY JS | DATE 18.03.24 | REVISION - |
| DRG REF: EVO_VS_37 | SCALE 1:5 | PAPER SIZE A4 |

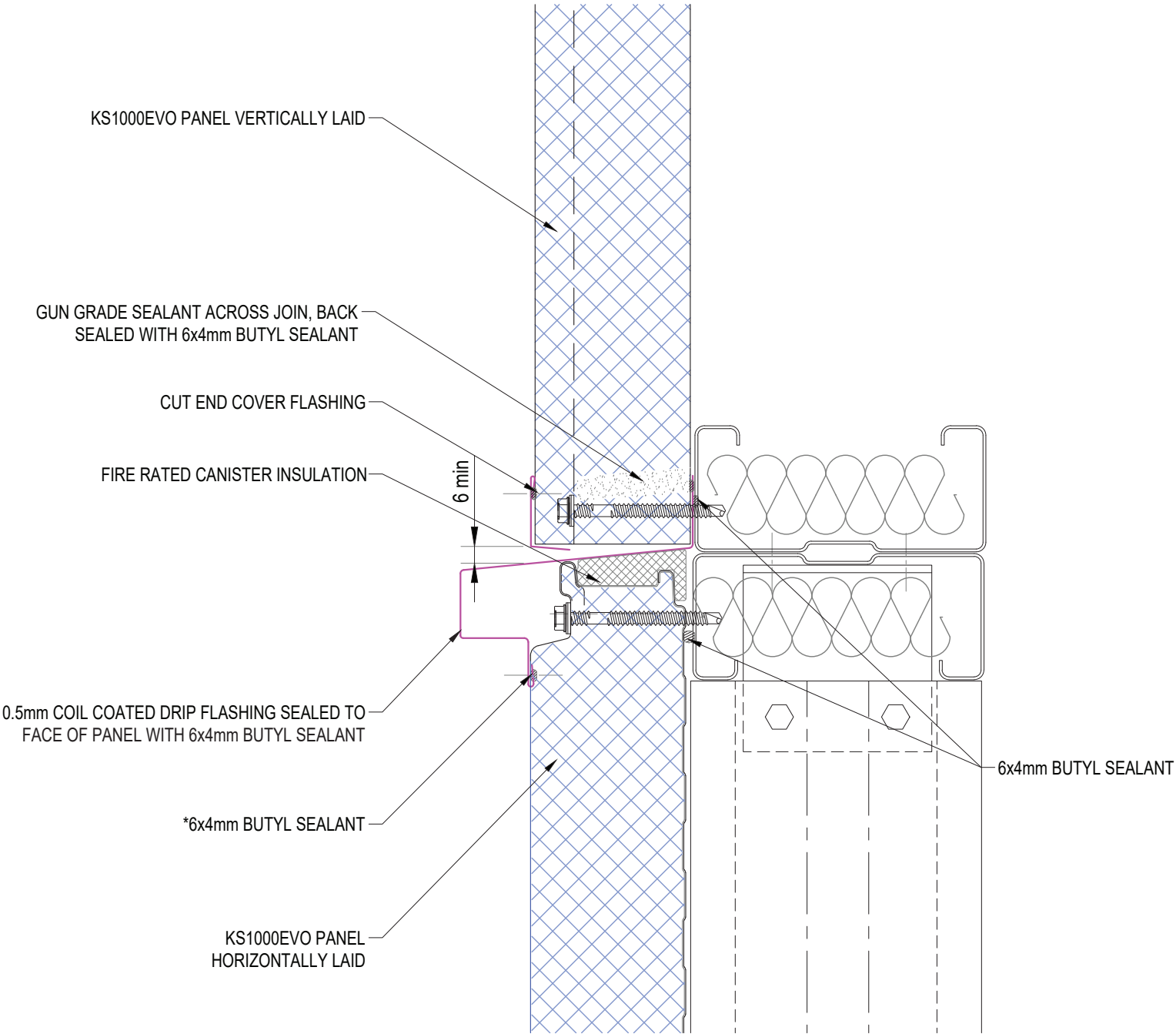
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WALL VERTICAL TO HORIZONTAL STACK JOINT DETAIL



| | | |
|--|------------------|------------------|
| SYSTEM KS1000EVO WALL VERTICAL_STD Q1_2024 | | |
| DESCRIPTION WALL VERTICAL TO HORIZONTAL STACK JOINT DETAIL | | |
| APPROVED BY JS | DATE 18.03.24 | REVISION - |
| DRG REF: EVO_VS_38 | SCALE 1:3 | PAPER SIZE A4 |

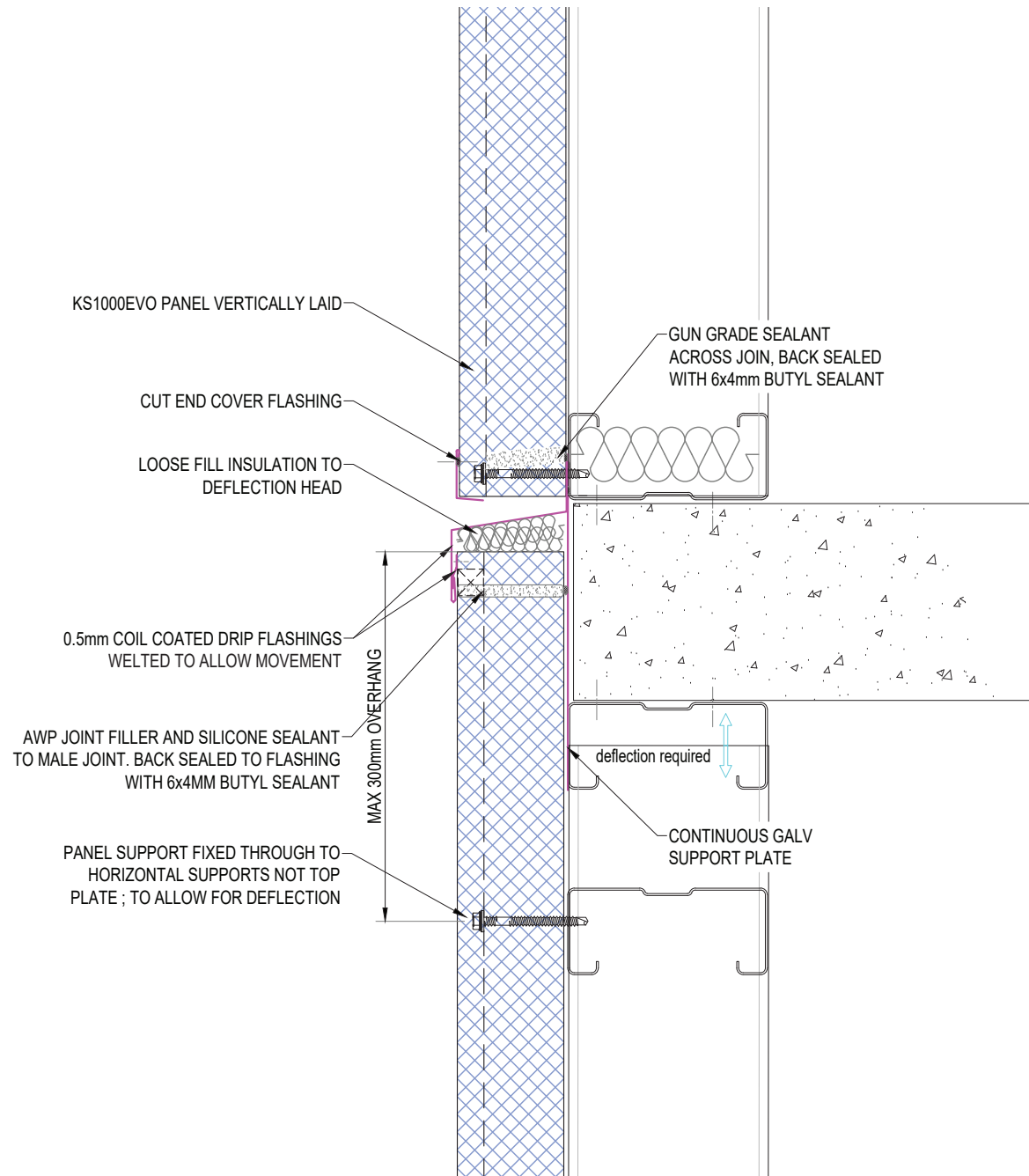
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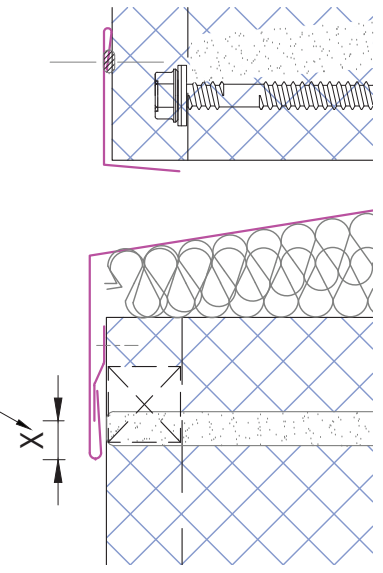


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WALL VERTICAL STACK JOINT DETAIL. VERTICAL DEFLECTION HEAD



DIMENSION FOR DEFLECTION MOVEMENT



| | | |
|--|------------------|------------------|
| SYSTEM KS1000EVO WALL VERTICAL_STD Q1_2024 | | |
| DESCRIPTION WALL VERTICAL STACK JOINT DETAIL. VERTICAL DEFLECTION HEAD | | |
| APPROVED BY JS | DATE 18.03.24 | REVISION - |
| DRG REF: EVO_VS_39 | SCALE 1:5 | PAPER SIZE A4 |

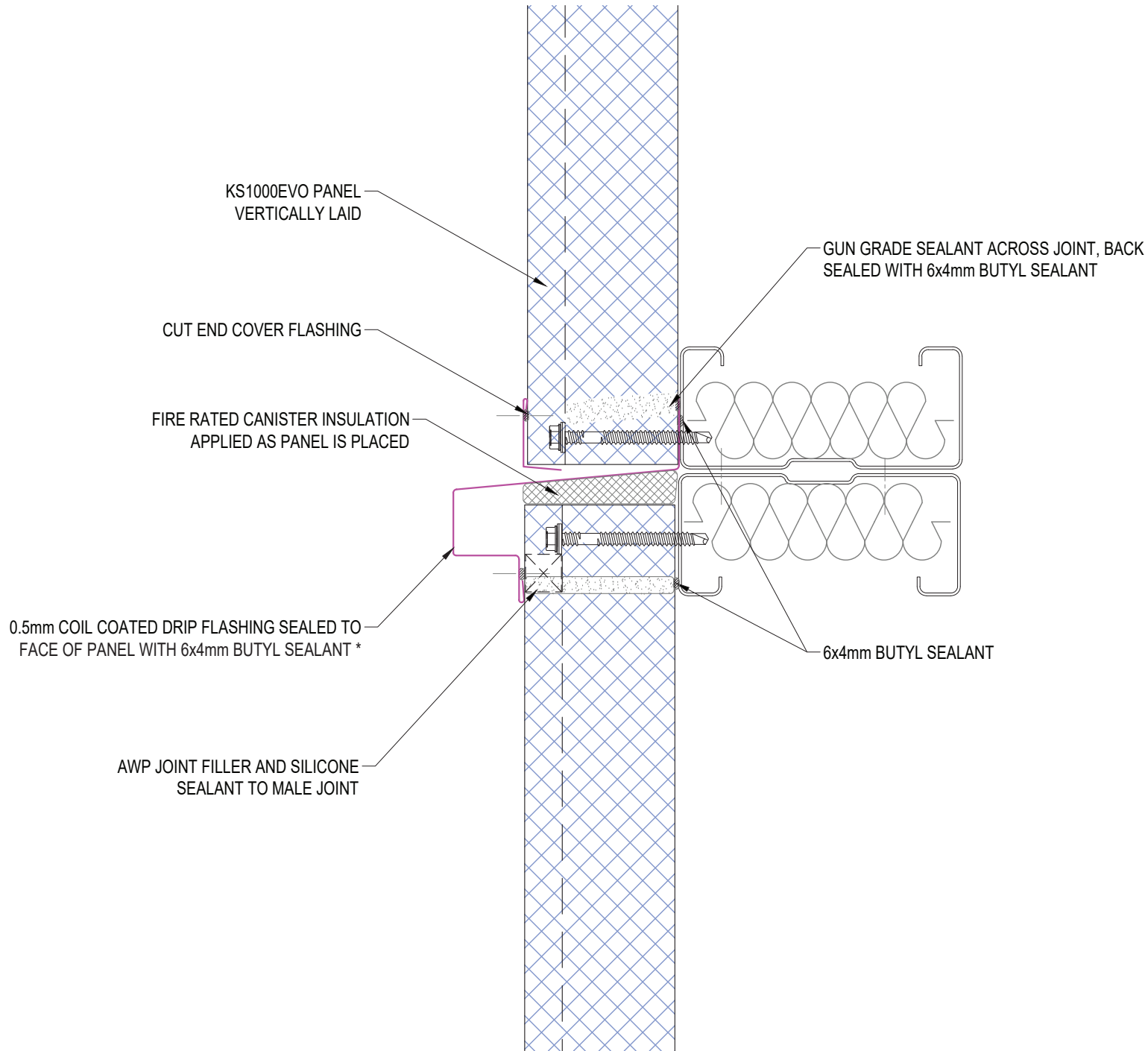
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email: info@kingspanpanels.co.nz, www.kingspanpanels.co.nz

WALL VERTICAL TO VERTICAL STACK JOINT DETAIL



| | | |
|---|------------------|------------------|
| SYSTEM KS1000EVO WALL VERTICAL_STD Q1_2024 | | |
| DESCRIPTION WALL VERTICAL TO VERTICAL STACK JOINT DETAIL | | |
| APPROVED BY JS | DATE 18.03.24 | REVISION - |
| DRG REF: EVO_VS_40 | SCALE 1:3 | PAPER SIZE A4 |

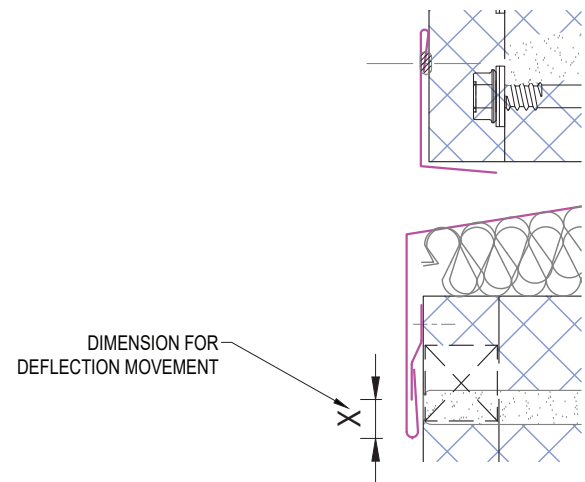
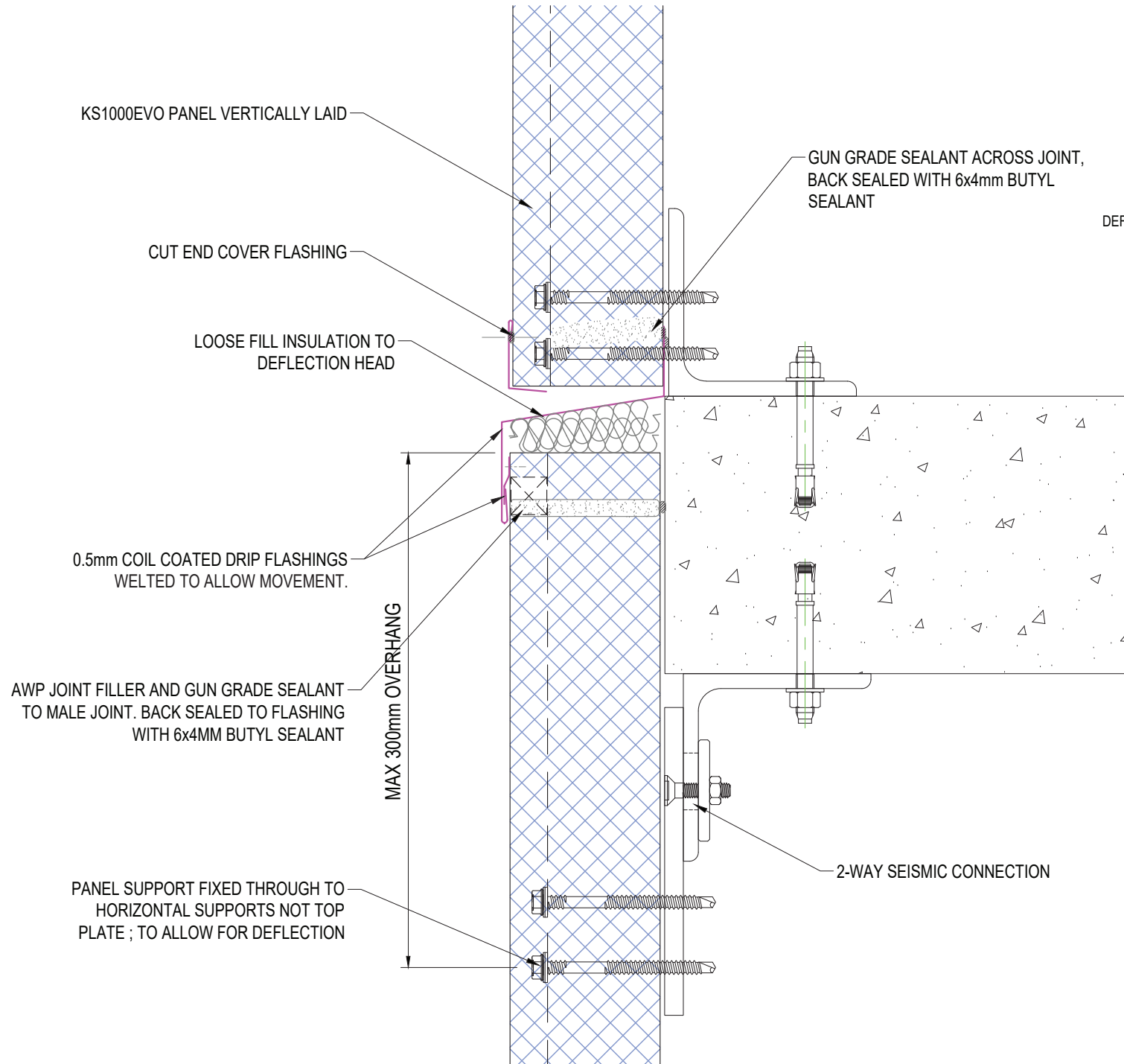
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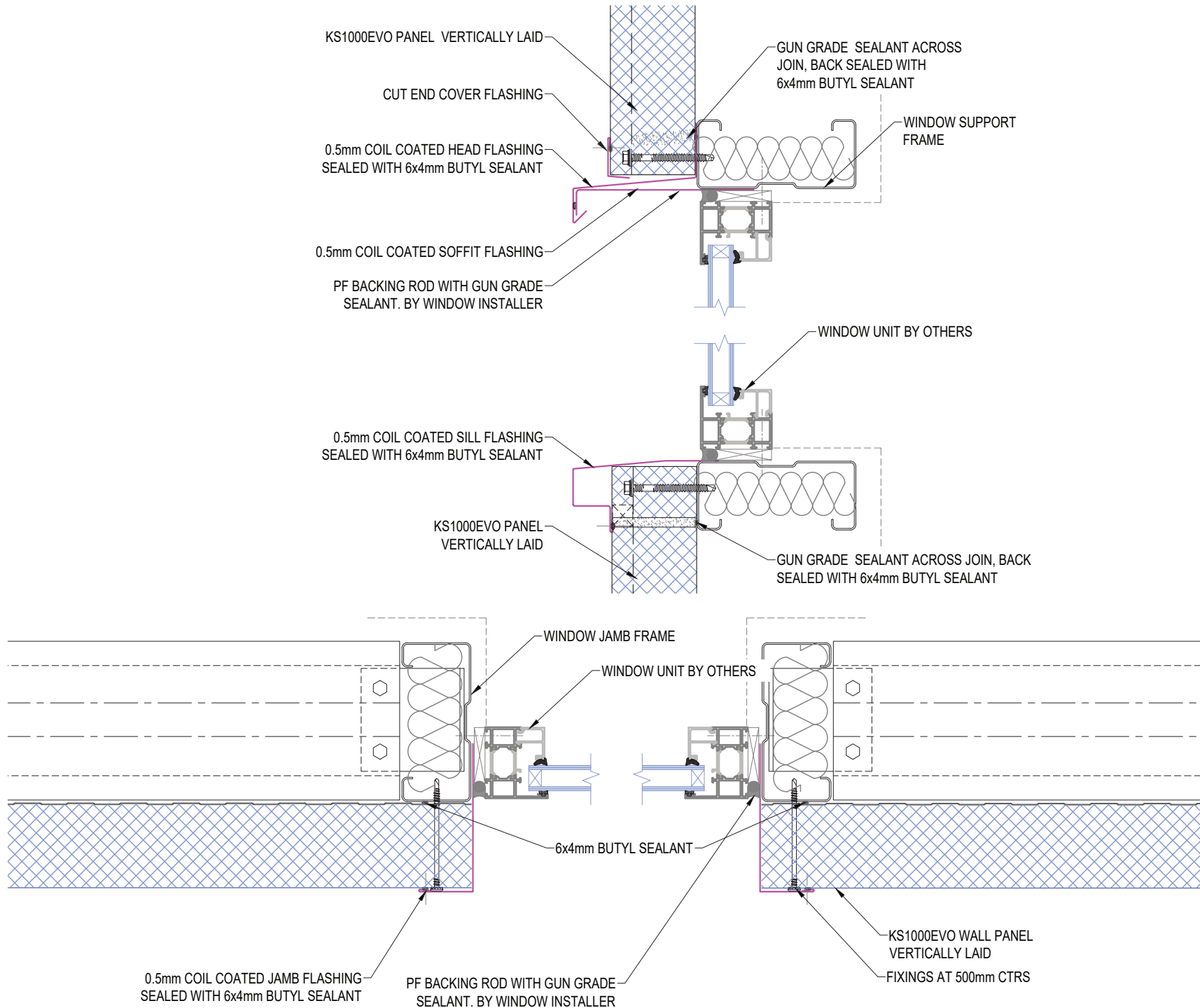
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WALL VERTICAL TO VERTICAL DEFLECTION STACK JOINT DETAIL



| | | |
|---|------------------|------------------|
| SYSTEM KS1000EVO WALL VERTICAL_STD Q1_2024 | | |
| DESCRIPTION WALL VERTICAL TO VERTICAL DEFLECTION STACK JOINT DETAIL | | |
| APPROVED BY JS | DATE 18.03.24 | REVISION - |
| DRG REF: EVO_VS_41 | SCALE 1:3 | PAPER SIZE A4 |
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KS1000EVO WALL VERTICAL - WINDOW DETAIL



| | | |
|--|------------------|------------------|
| SYSTEM KS1000EVO WALL VERTICAL_STD Q1_2024 | | |
| DESCRIPTION KS1000EVO WALL VERTICAL - WINDOW DETAIL | | |
| APPROVED BY JS | DATE 18.03.24 | REVISION - |
| DRG REF: EVO_VS_42 | SCALE 1:5 | PAPER SIZE A4 |

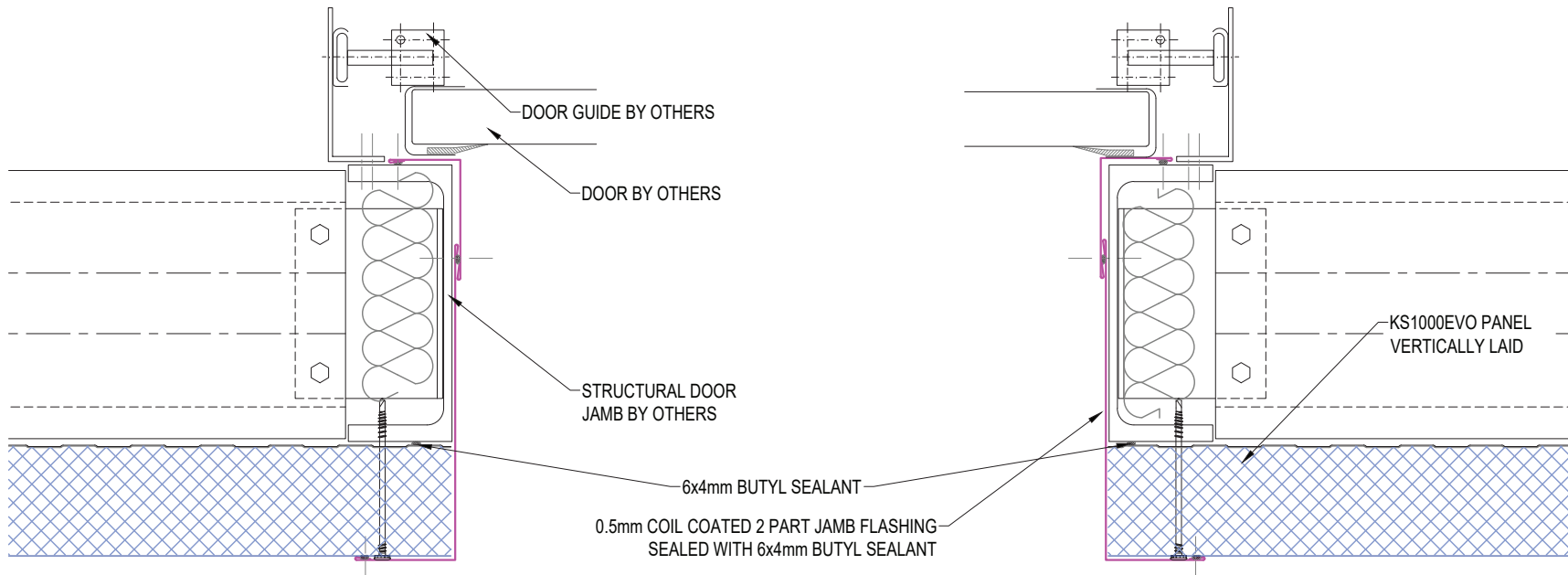
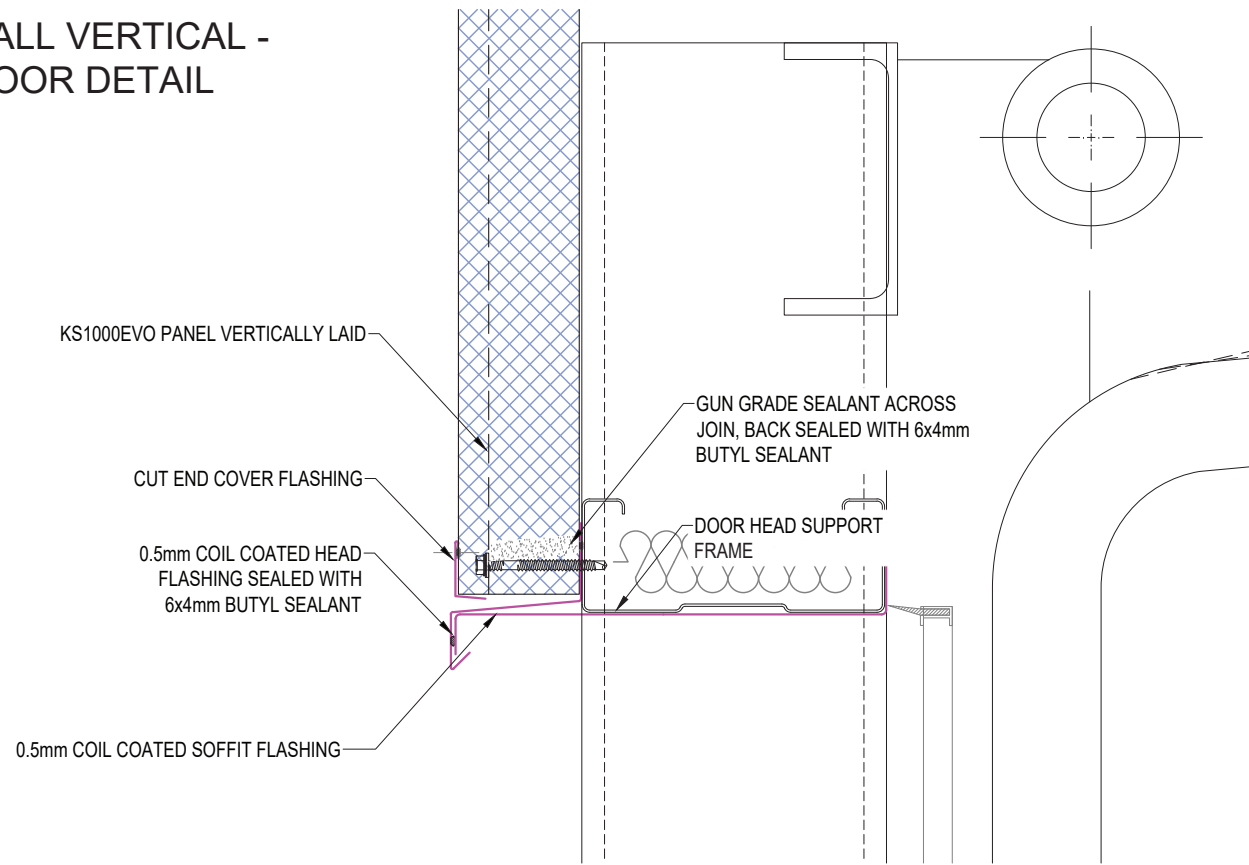
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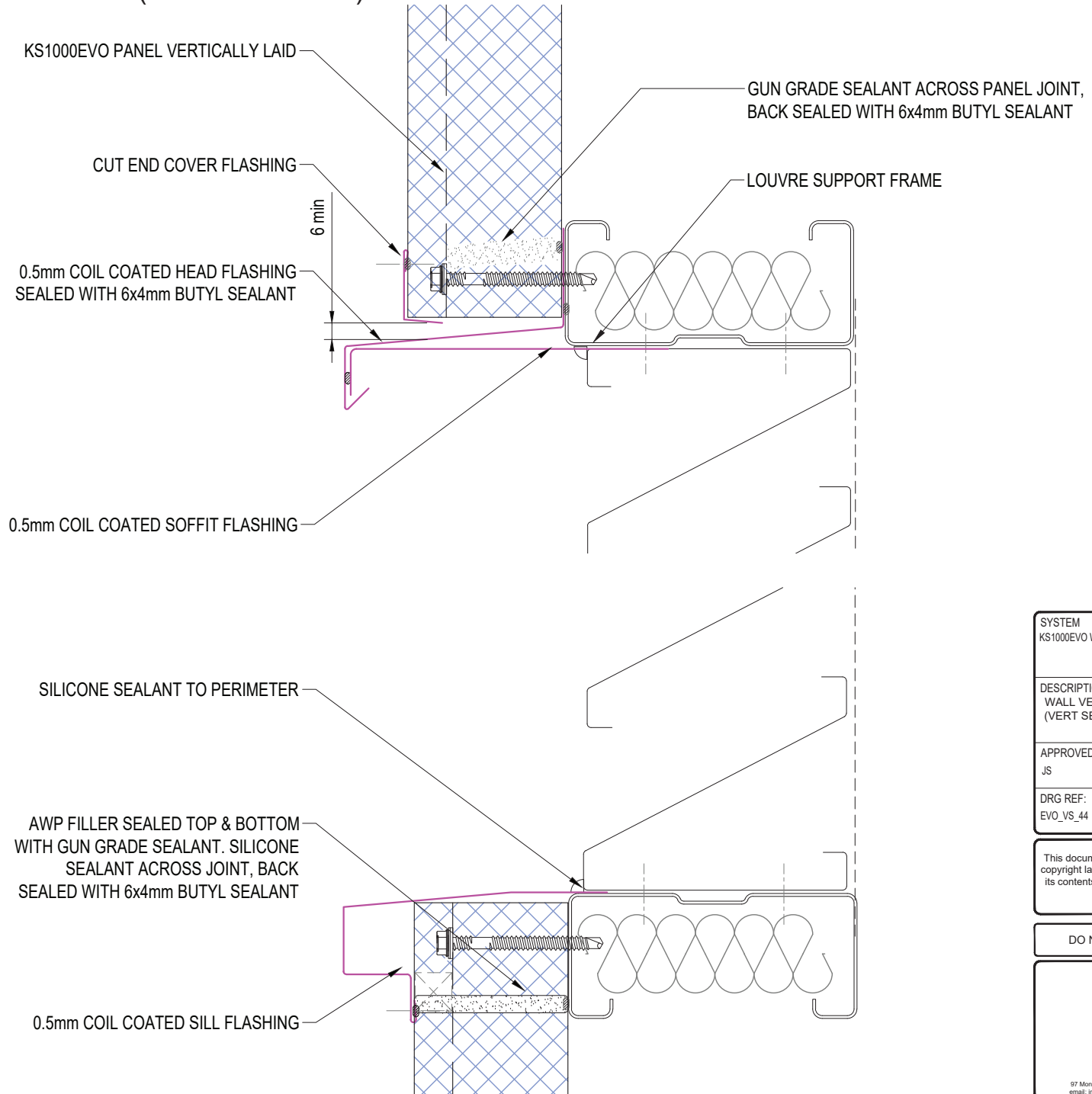
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KS1000EVO WALL VERTICAL - OVER HEAD DOOR DETAIL



| | | |
|---|------------------|------------------|
| SYSTEM KS1000EVO WALL VERTICAL_STD Q1_2024 | | |
| DESCRIPTION KS1000EVO WALL VERTICAL - OVER HEAD DOOR DETAIL | | |
| APPROVED BY JS | DATE 18.03.24 | REVISION - |
| DRG REF: EVO_VS_43 | SCALE 1:5 | PAPER SIZE A4 |
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WALL VERTICAL LOUVRE DETAIL (VERT SECTION)



| | | |
|--|------------------|------------------|
| SYSTEM KS1000EVO WALL VERTICAL_STD Q1_2024 | | |
| DESCRIPTION WALL VERTICAL LOUVRE DETAIL (VERT SECTION) | | |
| APPROVED BY JS | DATE 18.03.24 | REVISION - |
| DRG REF: EVO_VS_44 | SCALE 1:3 | PAPER SIZE A4 |

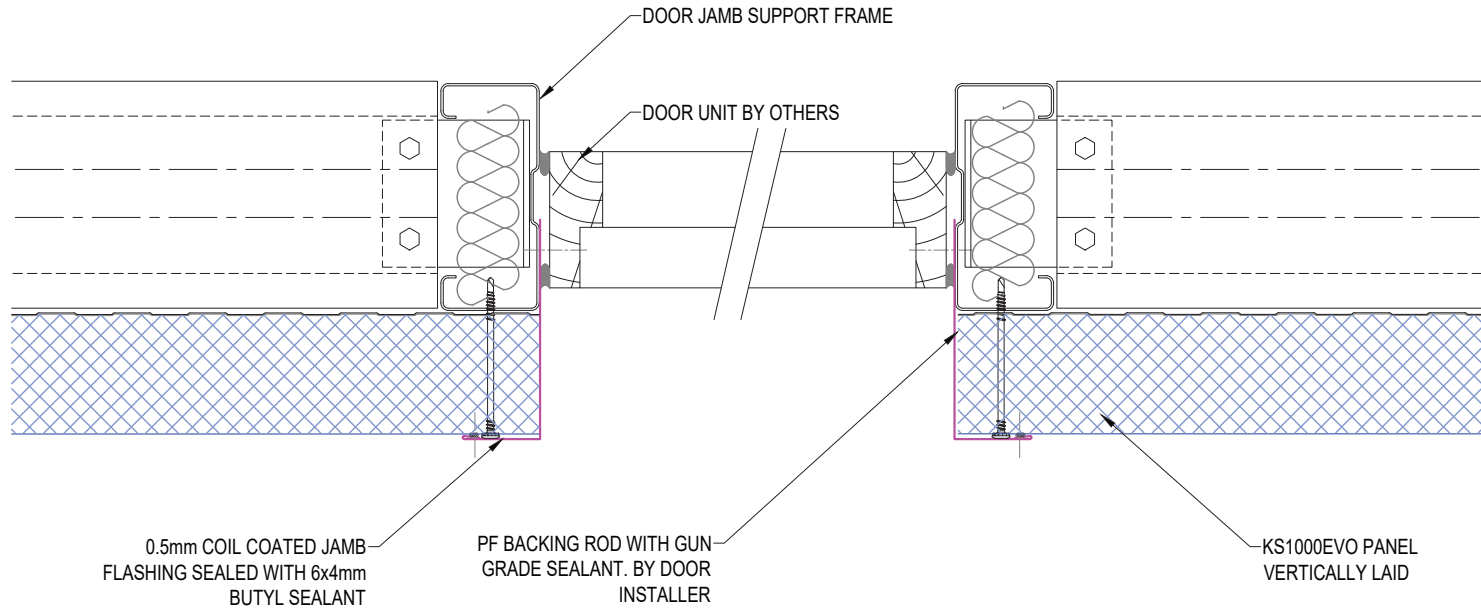
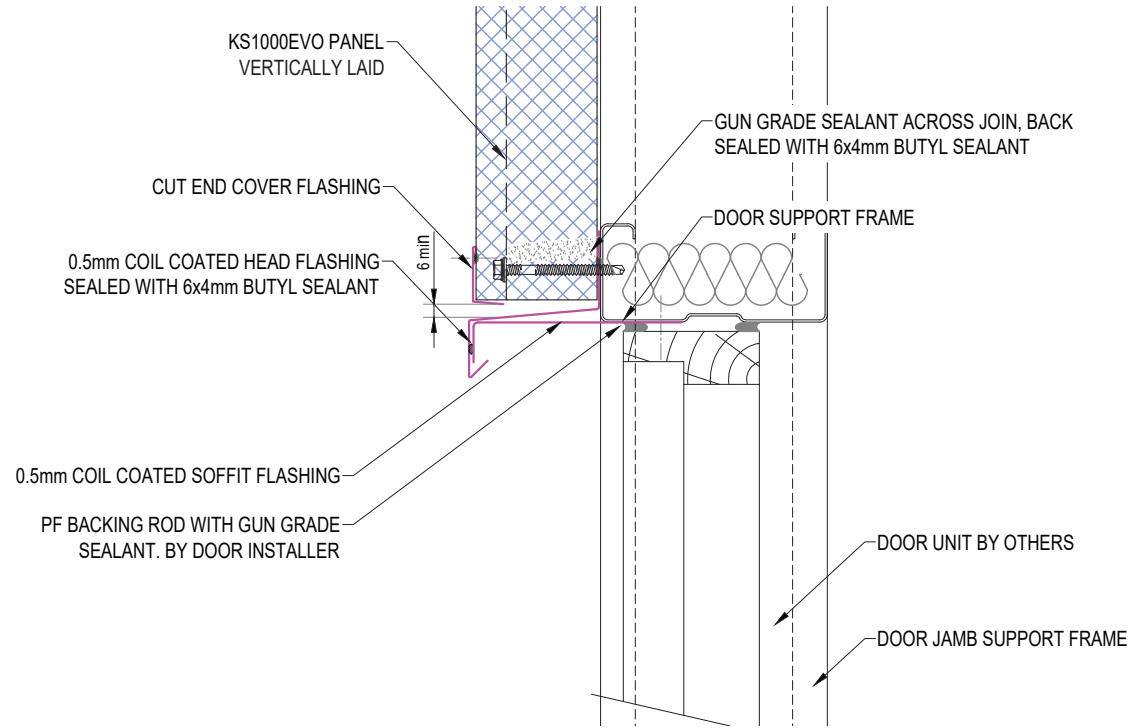
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PERSONNEL DOOR DETAIL



| | | |
|---|------------------|------------------|
| SYSTEM KS1000EVO WALL VERTICAL_STD Q1_2024 | | |
| DESCRIPTION PERSONNEL DOOR DETAIL | | |
| APPROVED BY JS | DATE 18.03.24 | REVISION - |
| DRG REF: EVO_VS_45 | SCALE 1:3 | PAPER SIZE A4 |

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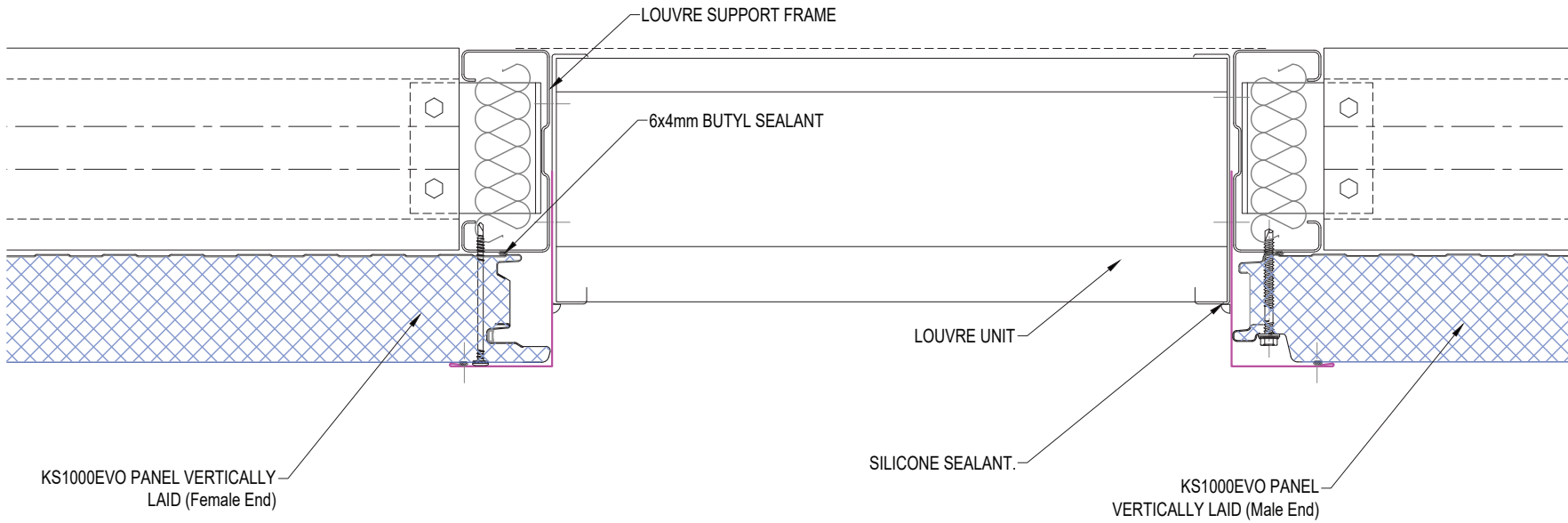
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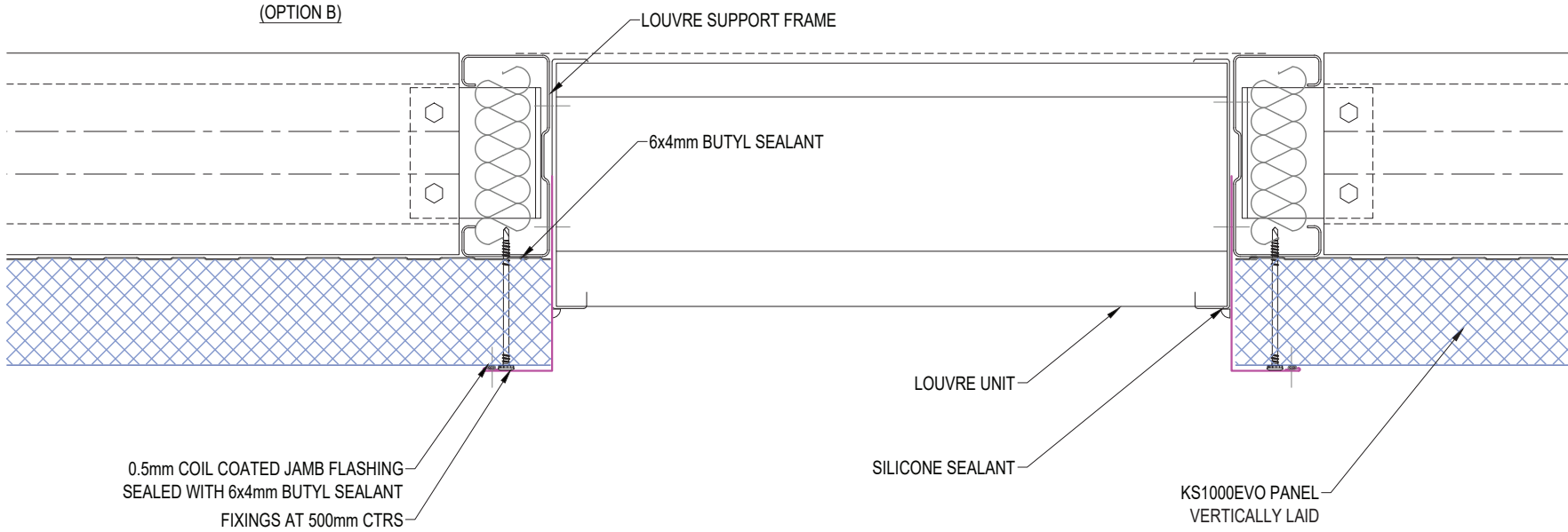
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WALL VERTICAL LOUVRE DETAIL (HORIZ. SECTIONS)

(OPTION A)



(OPTION B)



| | | |
|---|------------------|------------------|
| SYSTEM KS1000EVO WALL VERTICAL_STD Q1_2024 | | |
| DESCRIPTION WALL VERTICAL LOUVRE DETAIL (HORIZ. SECTIONS) | | |
| APPROVED BY JS | DATE 18.03.24 | REVISION - |
| DRG REF: EVO_VS_46 | SCALE 1:3 | PAPER SIZE A4 |

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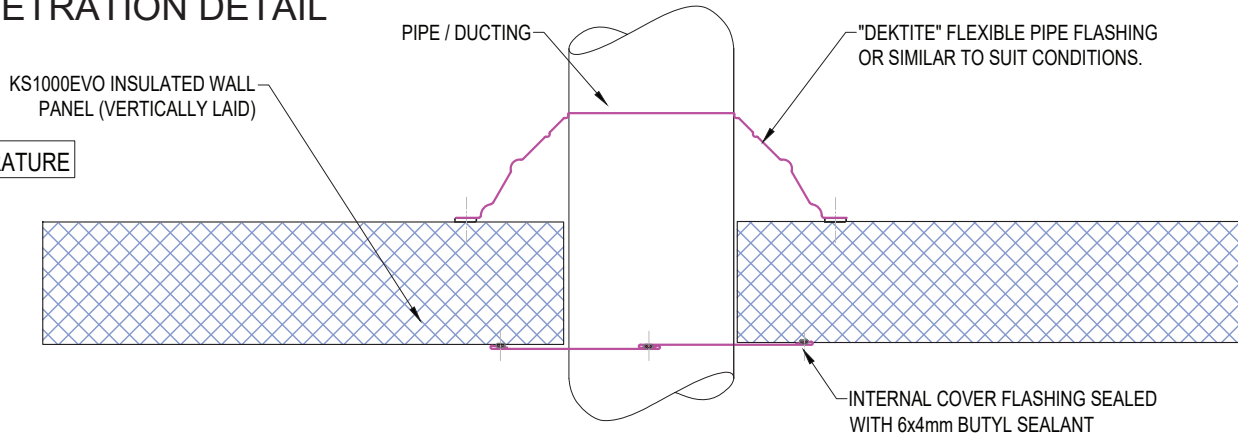
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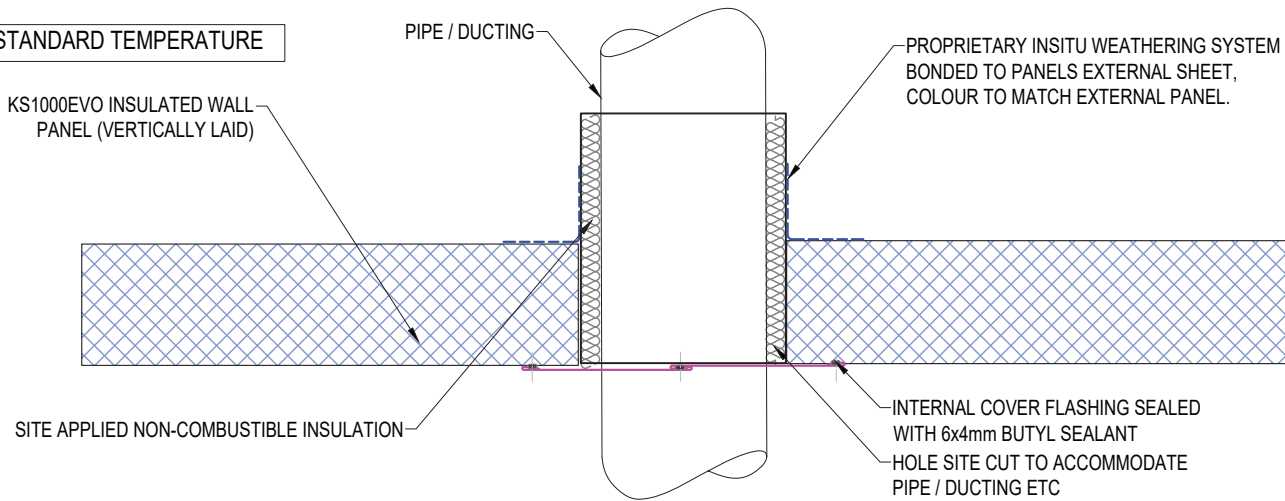
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WALL VERTICAL - PENETRATION DETAIL

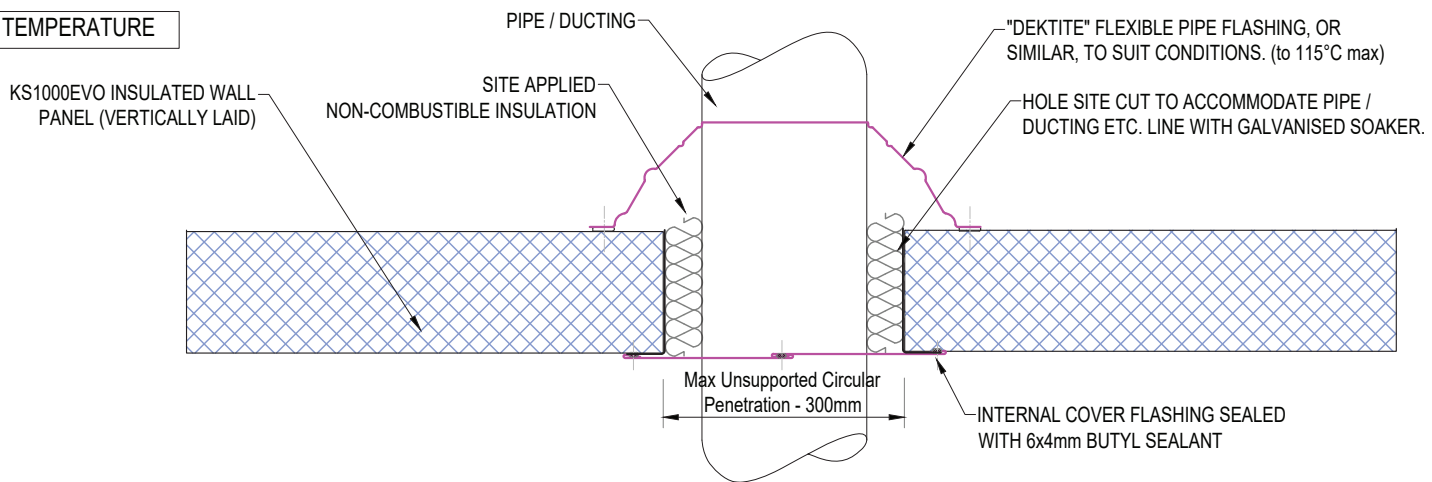
STANDARD TEMPERATURE



ALTERNATIVE STANDARD TEMPERATURE



HIGH TEMPERATURE



NOTE: MAXIMUM CIRCULAR HOLE SIZE TO BE 300MM. PENETRATIONS GREATER WILL REQUIRE ADDITIONAL SUPPORTING STEEL.

FLEXIBLE PIPE FLASHING PROVIDES A COMPLETELY WEATHERPROOF SOLUTION FOR PIPE OPENINGS THROUGH A WALL. THEY CAN BE MOULDED BY HAND TO SUIT THE SHEET PROFILE, BEDDED IN WEATHER SEALANT & FIXED TO THE WALL SHEET.

| | | |
|--|------------------|------------------|
| SYSTEM KS1000EVO WALL VERTICAL_STD Q1_2024 | | |
| DESCRIPTION WALL VERTICAL - PENETRATION DETAIL | | |
| APPROVED BY JS | DATE 18.03.24 | REVISION - |
| DRG REF: EVO_VS_47 | SCALE 1:5 | PAPER SIZE A4 |

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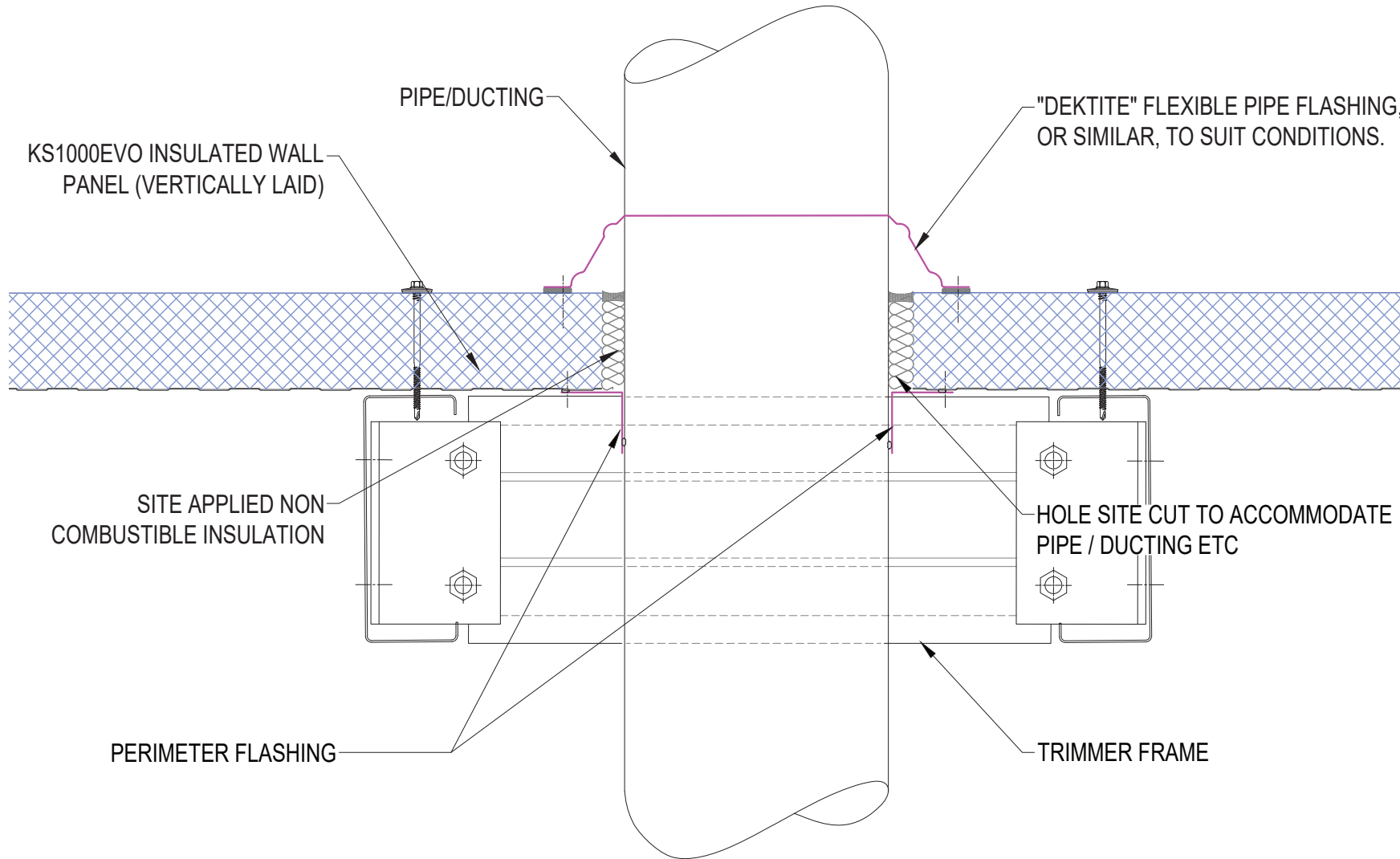
WALL VERTICAL - PENETRATION SUPPORT DETAIL

NOTE: MAXIMUM CIRCULAR HOLE SIZE TO BE 300MM.
PENETRATIONS GREATER WILL REQUIRE ADDITIONAL SUPPORTING STEEL.

FLEXIBLE PIPE FLASHING PROVIDES A COMPLETELY WEATHERPROOF SOLUTION FOR PIPE OPENINGS THROUGH A WALL. THEY CAN BE MOULDED BY HAND TO SUIT THE SHEET PROFILE, BEDDED IN WEATHER SEALANT & FIXED TO THE WALL SHEET.

PENETRATING ELEMENTS TO BE SUPPORTED TO STRUCTURE.

TRIMMER FRAME FOR OPENINGS
OVER 300mm DIA



| | | |
|--|------------------|------------------|
| SYSTEM KS1000EVO WALL VERTICAL_STD Q1_2024 | | |
| DESCRIPTION WALL VERTICAL - PENETRATION SUPPORT DETAIL | | |
| APPROVED BY JS | DATE 18.03.24 | REVISION - |
| DRG REF: EVO_VS_48 | SCALE 1:5 | PAPER SIZE A4 |

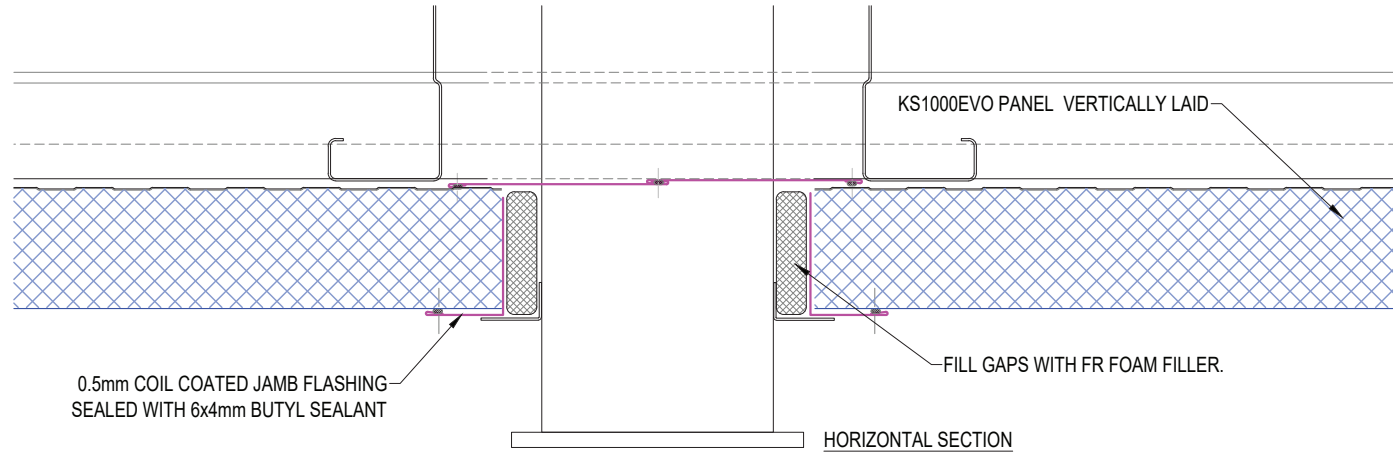
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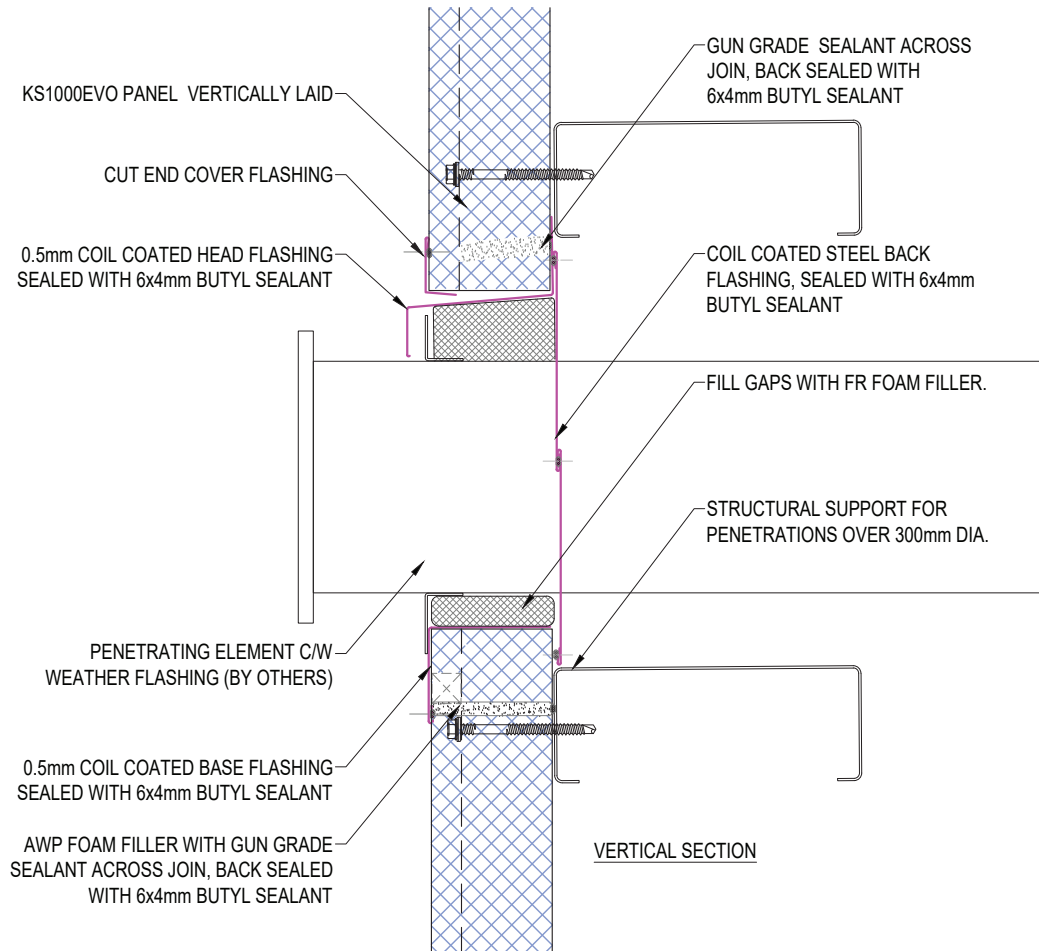
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WALL VERTICAL - DUCTING SUPPORT DETAIL



NOTE:
 MAXIMUM UNSUPPORTED HOLE SIZE TO BE
 300MM. PENETRATIONS GREATER WILL
 REQUIRE ADDITIONAL SUPPORTING STEEL.

DUCTS & OTHER PENETRATING ELEMENTS TO
 BE SUPPORTED TO STRUCTURE.



| | | |
|---|------------------|------------------|
| SYSTEM KS1000EVO WALL VERTICAL_STD Q1_2024 | | |
| DESCRIPTION WALL VERTICAL - DUCTING SUPPORT DETAIL | | |
| APPROVED BY JS | DATE 18.03.24 | REVISION - |
| DRG REF: EVO_VS_49 | SCALE 1:5 | PAPER SIZE A4 |

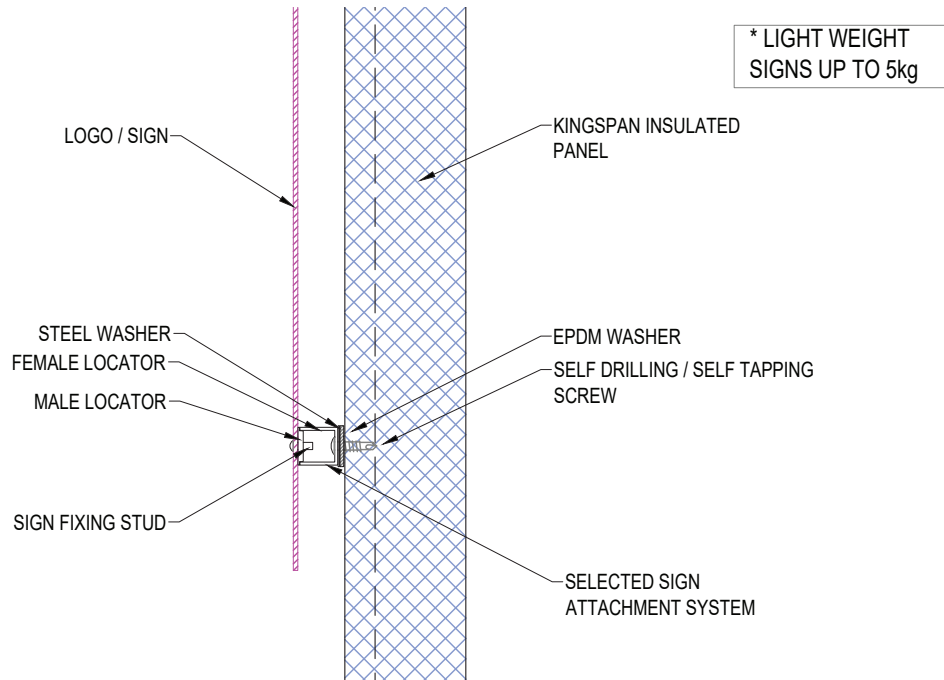
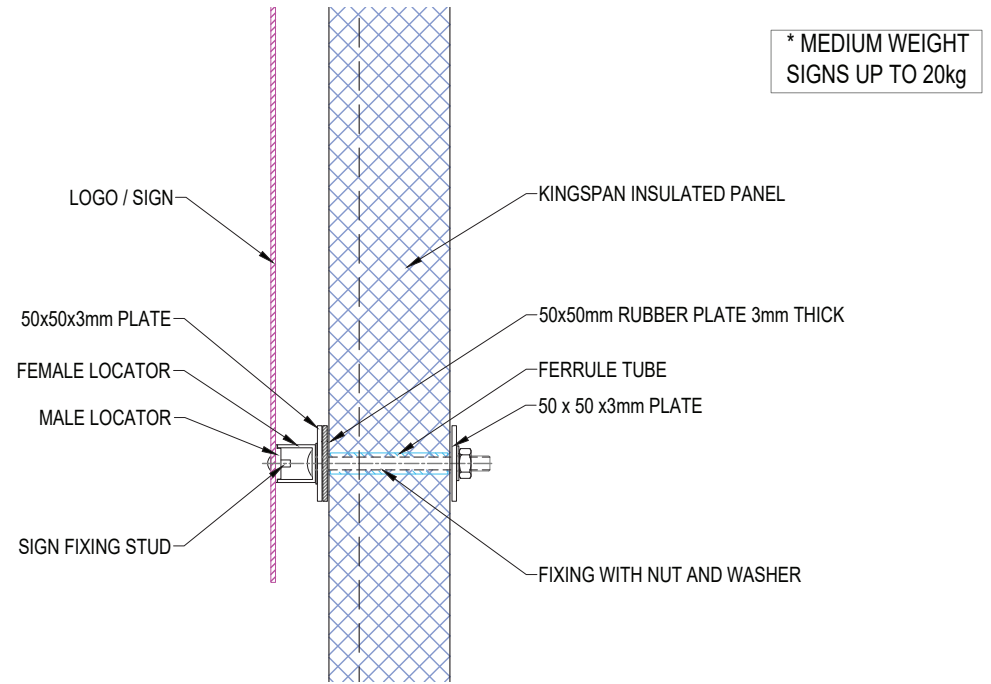
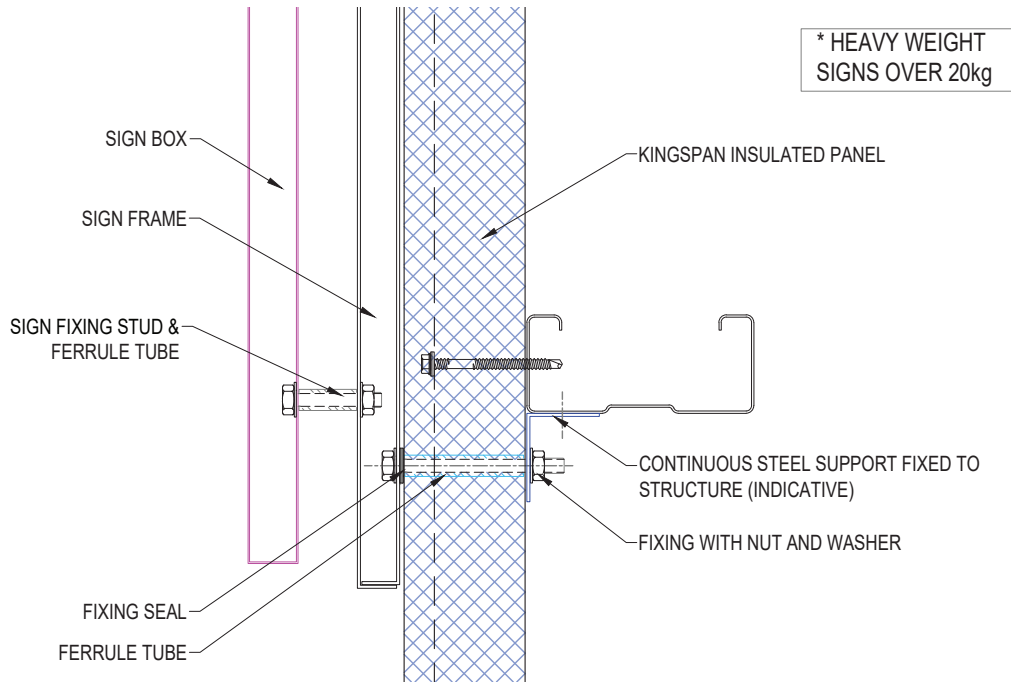
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SIGNAGE SUPPORT DETAIL - VERT. SECTION



*** SIGN WEIGHTS ARE INDICATIVE ONLY.**

FOR LIGHT SIGNS; THE FORCE APPLIED TO THE CONNECTION SHOULD NOT EXCEED 0.3kN.

FOR MEDIUM WEIGHT SIGNS; THE FORCE APPLIED SHOULD NOT EXCEED 2.8kN AND THE PANEL SPAN NEEDS TO BE CHECKED BASED IN THE NEW POINT LOAD.

NOTE: IT IS THE INSTALLER'S RESPONSIBILITY TO ENSURE THAT SIGN MATERIALS AND FIXINGS ARE COMPATIBLE WITH KINGSPAN PANELS

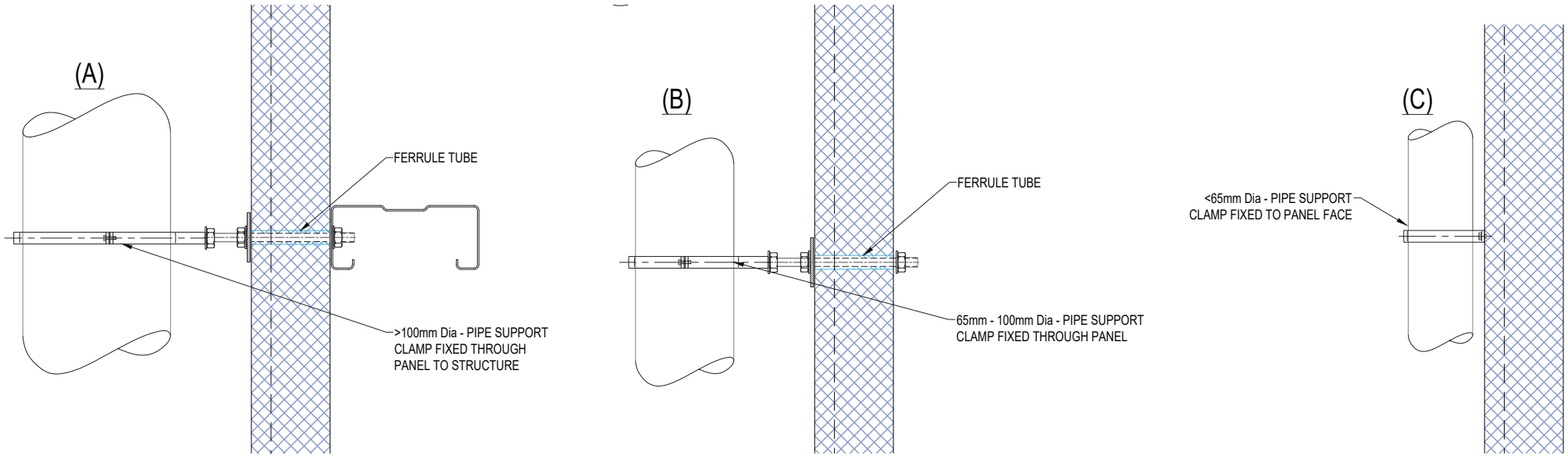
| | | |
|---|------------------|------------------|
| SYSTEM KS1000EVO WALL VERTICAL_STD Q1_2024 | | |
| DESCRIPTION SIGNAGE SUPPORT DETAIL - VERT. SECTION | | |
| APPROVED BY JS | DATE 18.03.24 | REVISION - |
| DRG REF: EVO_VS_50 | SCALE 1:5 | PAPER SIZE A4 |

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DOWNPIPE SUPPORT DETAIL

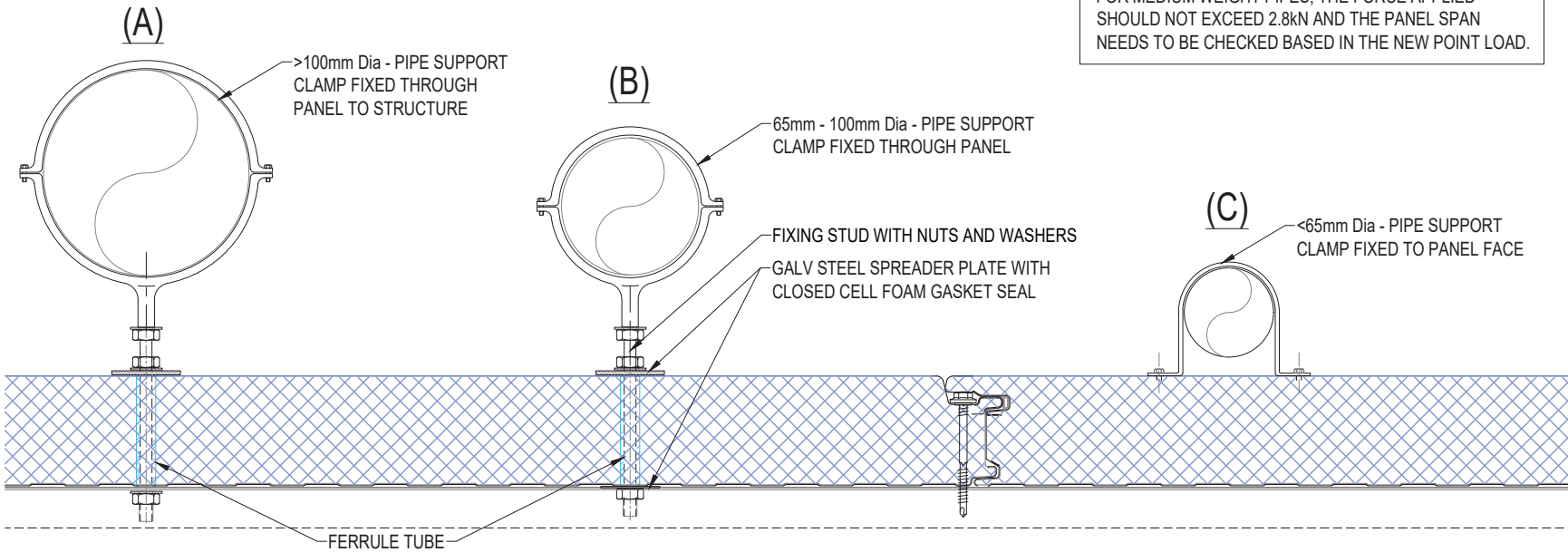


* PIPE WEIGHTS ARE INDICATIVE ONLY.

FOR LIGHT PIPES; THE FORCE APPLIED TO THE CONNECTION SHOULD NOT EXCEED 0.3kN.

FOR MEDIUM WEIGHT PIPES; THE FORCE APPLIED SHOULD NOT EXCEED 2.8kN AND THE PANEL SPAN NEEDS TO BE CHECKED BASED IN THE NEW POINT LOAD.

FIX DOWN-PIPES & OTHER ANCILLARY ITEMS THROUGH PANEL WITH A SUPPORT FERRULE TO PREVENT COMPRESSION OF THE PANEL CORE (EXAMPLE ONLY. DETAIL DESIGN BY OTHERS)



| | | |
|---|------------------|------------------|
| SYSTEM KS1000EVO WALL VERTICAL_STD Q1_2024 | | |
| DESCRIPTION DOWNPIPE SUPPORT DETAIL | | |
| APPROVED BY JS | DATE 18.03.24 | REVISION - |
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