# TECHNICAL DRAWINGS

## JSC VERTICLAD Vertical Shiplap Weatherboards Flexible Underlay 45mm Cavity Fix

ISSUE : 24/02/2025 | VERSION : 2.5

Eastern Beach Home | Matt Brew Architect
Photo: Jamie Cobel

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**TYPE**
VERTICAL SHIPLAP WB - 45mm CAVITY FIX

**NAME**
COVER SHEET

- TO BE READ IN CONJUNCTION WITH COMPLETE JSC VERTICLAD SYSTEM LITERATURE
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| JSC 45CF VS01 | 2.5 |

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TYPE
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NAME
INDEX

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# GENERAL NOTES

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## OVERVIEW :

JSC VertiClad is a cavity based external wall cladding system comprising of:

- Timber weatherboards finished with high quality exterior grade coating
- H3.2 treated timber castellated cavity battens
- Fascia boards and moulding profiles

This documentation covers the installation guide for fixing JSC Vertical Shiplap weatherboards over JSC 70x45 and/or JSC-H 45x45 castellated cavity battens.

## SCOPE OF USE:

- This document is for use within the scope of JSC VertiClad Vertical Shiplap Weatherboard Cladding System technical documentation and Code Compliance CodeMark certificate CMNZ 30084.
- For scope, conditions and limitations of use refer to CodeMark certificate CMNZ 30084.
- Details are subject to change without notification and only the current version is compliant. Refer to jsc.co.nz at the time of use for the current documentation.
- The designer/specifier must be satisfied that these details are applicable for their intended use.

## FIXING SPECIFICATION:

- Western Red Cedar, Alaskan Yellow Cedar, Radiata Pine and Nordic Pine: Fixing material to be 316 Stainless Steel or Silicon Bronze annular grooved nails
- TMT (Thermally Modified Timber): TMT Taiga, TMT Taxon, TMT Tuscan, TMT Amba: Fixing material to be 316 Stainless Steel or Silicon Bronze annular grooved nails
- For the use of any alternative fixing of equivalent properties refer to E2/AS1 Table 24 and to E2/AS1 Table 20 for alternative material selection.
- JSC recommends nail materials as per VertiClad Installation Guide Table 3 - Nail Fixings, as they will at least match the expected life of the cladding. E2/AS1 allows the use of galvanised fixings, although JSC does not endorse their use.
- Jolt head nails are only suitable for paint finished weatherboards.
- For buildings located in exposure ‘Zone D’, 316 stainless steel fixings must be used as per NZS 3604:2011.

## PRE INSTALLATION:

- Weatherboards must be dry and free of any contamination.
- Board lengths must be optimised prior to the installation to avoid any unnecessary wastage and joints.
- Any loose, bark encased knots, or other timber defects need to be removed.
- Weatherboards must be coated with suitable exterior coating on all sides in accordance with coating manufacturer's specification.

## INSTALLATION:

- JSC VertiClad System must be installed by a suitably qualified and experienced trade person. Where Restricted Building Work (RBW) applied the installer shall be a Licensed Building Practitioner (LBP) or supervised by LBP.
- Compatibility of materials as per Tables 20-22 E2/AS1.
- Rigid and flexible underlay as per Table 23 and Clauses 9.1.5 to 9.1.7 E2/AS1 or proprietary approved alternative.
- The weatherboard system shall incorporate joinery that meets the requirements of New Zealand Building Code for the relevant building wind zone or wind pressure.
- Where weatherboards have an exposed bottom edge, the back of the boards should be cut with a 15° drip edge and the cut end should be coated to 150-200mm up from the bottom edge.
- Cavity closer/vermin proofing must be installed continuously around the bottom of the cavity positioned to give a 15mm min. drip edge to cladding.
- Cavity closer/vermin proofing openings must be kept clear and unobstructed to maintain draining and venting of the cavity.
- Windows and doors to be installed as per manufacturer's specifications, head flashing stop ends must be in place. Flashings as per Clause 4.0 E2/AS1.
- Flashings as per Clause 4.0 E2/AS1 at corners, doors, windows and wall intersections must be installed to prevent water from crossing the cavity.
- Sealant to be compatible with the final coating system and to be applied as per manufacturer's instructions and specifications.

  For JSC Coating products refer to JSC Coatings Wood Oil Range Guide.

## MAINTENANCE:

- Annual inspection and cleaning followed by repair to any damaged areas. Refer to JSC Maintenance Guide.

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# RELATED DOCUMENTS

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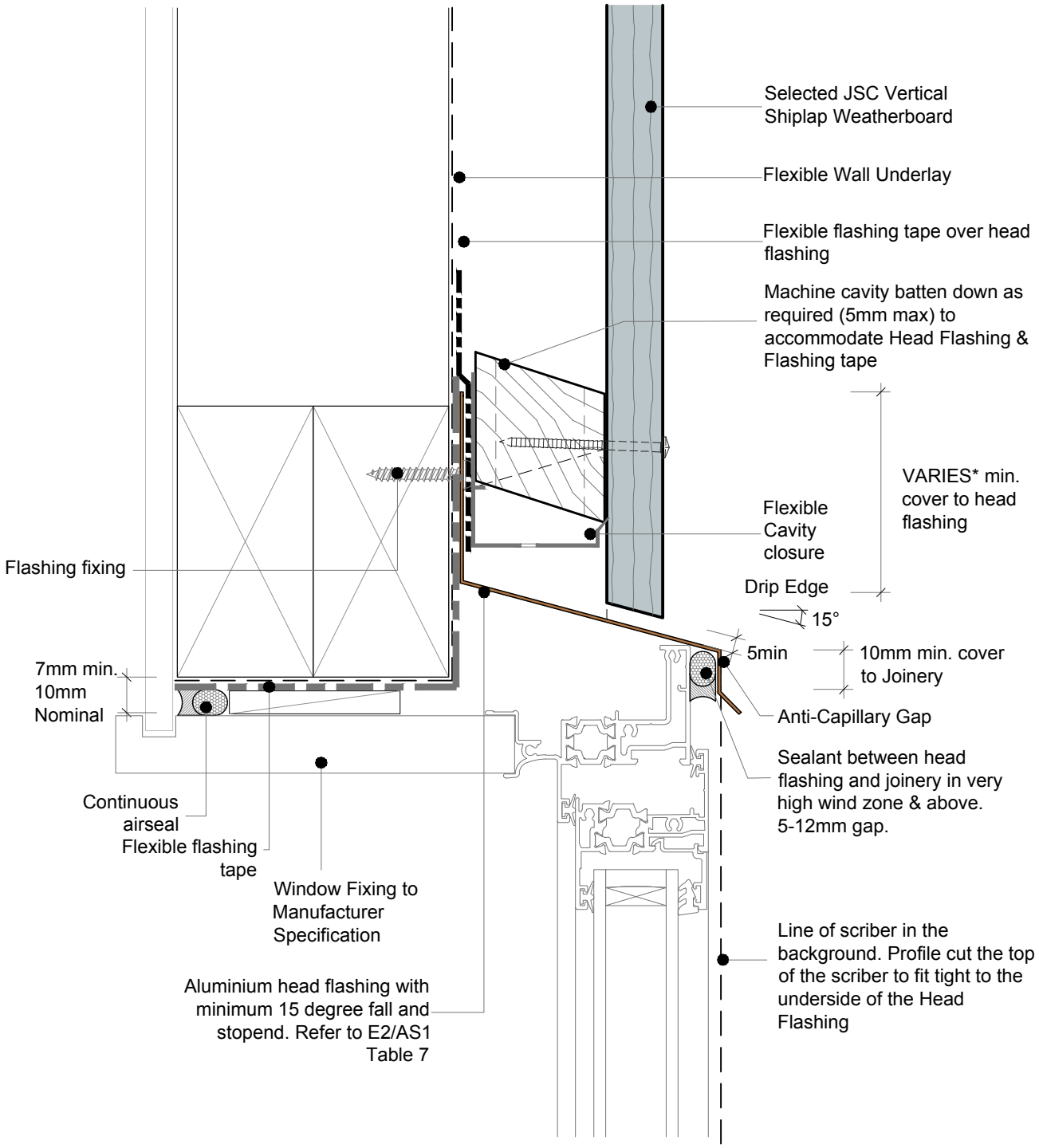
- MBIE NZ Building Code Clause E2 External Moisture (refer to E2 External moisture)
- Department of Building and Housing (DBH). Constructing cavities for wall claddings
- BRANZ Bulletin BU468 [December 2005] Fixing Timber Weatherboards (refer to www.branz.co.nz/BU468)
- BRANZ [May 2015] Good Practice Guide: Timber Cladding
- BRANZ Build 154-33- Build Right Structurally Fixed Cavity Battens
- BRANZ Build 173-28- Build Right Coatings for Timber Weatherboards
- BRANZ Bulletin BU531 [February 2011] Designing for Thermal and Moisture Movement
- Window & Glass Association NZ - WGANZ (www.wganz.org.nz)
- NZS AS 1720.1:2022
- NZS 3604:2011 Timber-framed buildings

**Disclaimer:** It is the responsibility of the designer/specifier to ensure the suitability and specification of any third-party accessories used with our cladding system. JSC is not liable for the installation of any components or accessories not supplied by us. For guidance on using specific components, please refer to our Technical Installation Details and Installation Guides. If there is any uncertainty, please seek expert advice.

The related documents mentioned above were accurate and up to date at the time of writing this guide. However, please note that information may have changed since then, and we recommend verifying any external sources for the most current information.




NOTE:

- To address the buildup of elements on the head detail, consider the use of a flexible cavity closer.

*JSC recommends no hooks or hems. Therefore, the flashing upstand dimensions must be increased by 25 mm in accordance with E2/AS1, Section 4.5.1

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**TYPE**
VERTICAL SHIPLAP WB - 45mm CAVITY FIX

**NAME**
Window Head Detail

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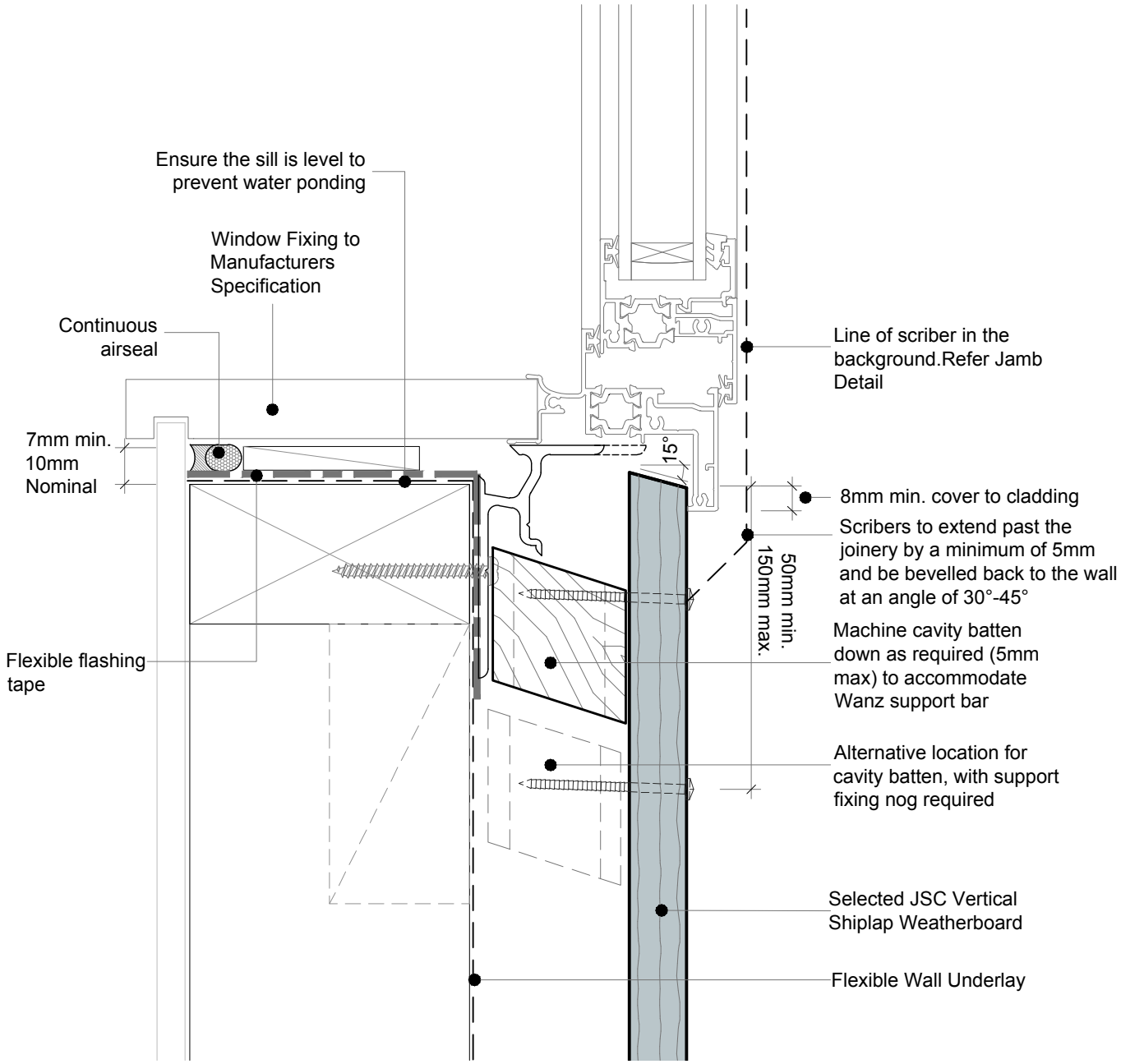


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**TYPE**
VERTICAL SHIPLAP WB - 45mm CAVITY FIX

**NAME**
Window Sill Detail

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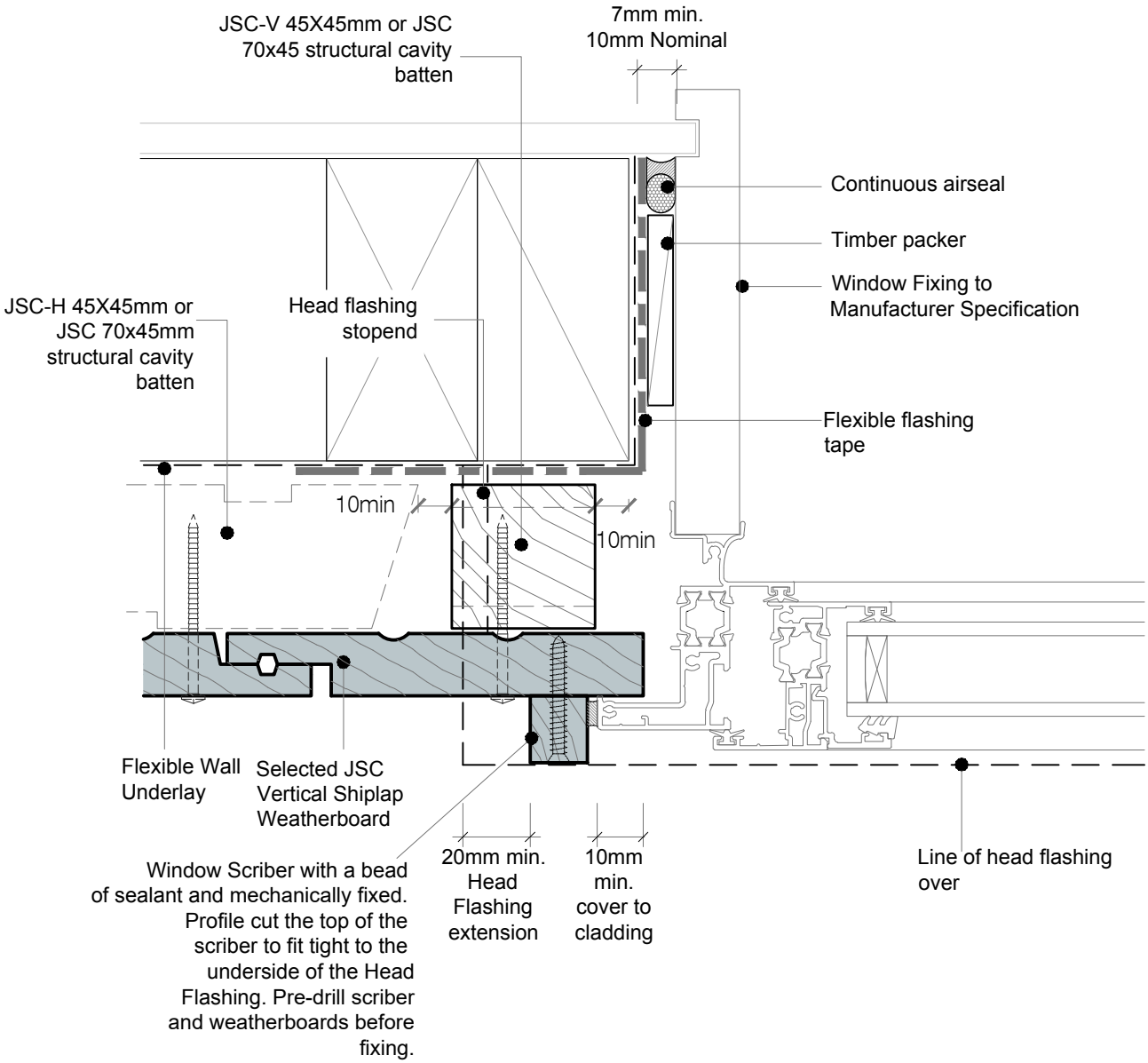
| JSC 45CF VS11 | 2.5 |

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**TYPE**
VERTICAL SHIPLAP WB - 45mm CAVITY FIX

**NAME**
Window Jamb Detail - Scriber

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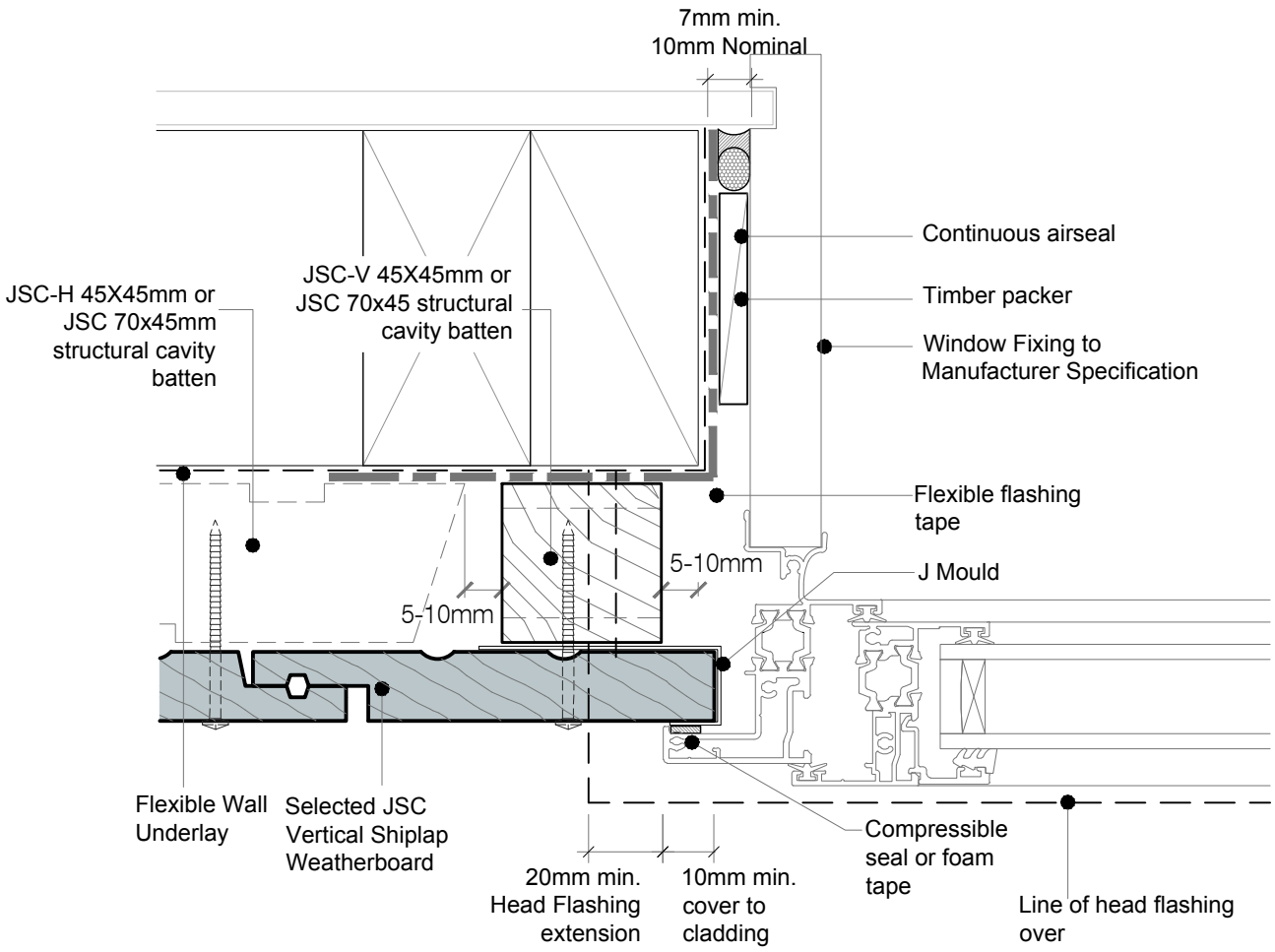


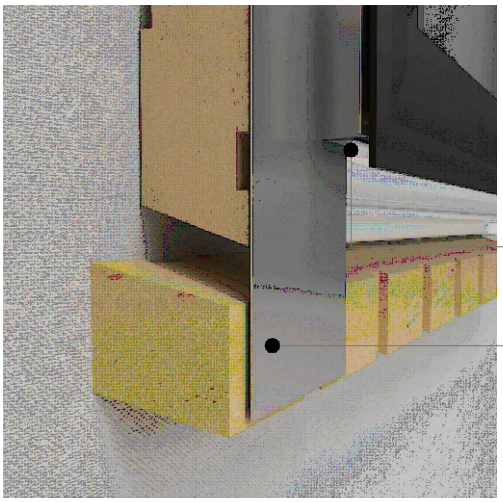


NOTE : No Scriber Option :
The Aluminium Joinery must sit hard against the back of the joinery flange and the timber weatherboards with a seal or foam tape in between.

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**TYPE**
VERTICAL SHIPLAP WB - 45mm CAVITY FIX

**NAME**
Window Jamb Detail - No Scriber

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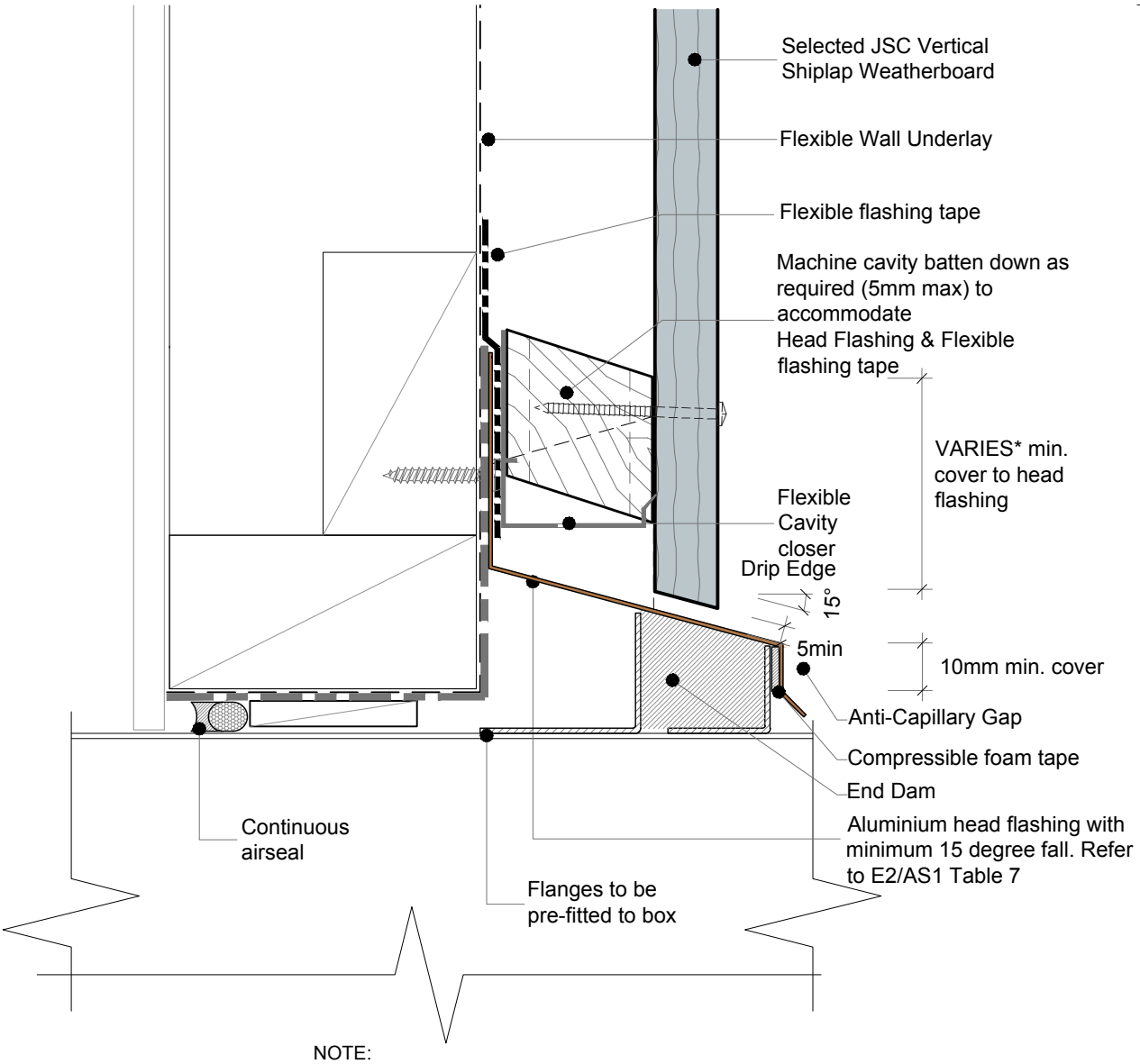
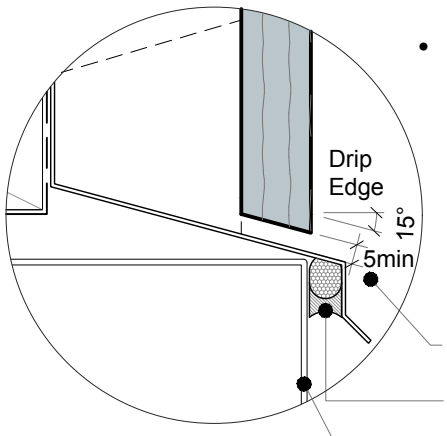
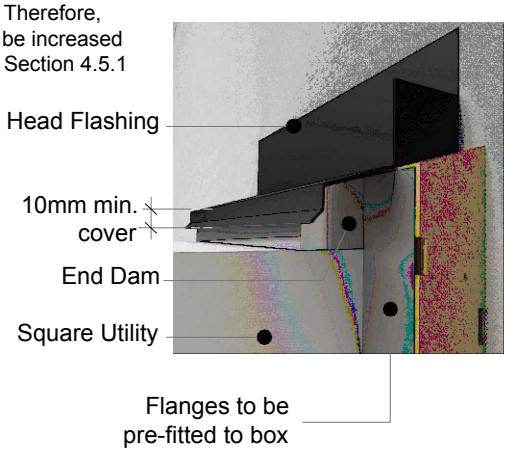



NOTE:

- Ensure a minimum penetration of 30mm into the timber frame due to the presence of multiple elements, including cavity batten, flashing tape, cavity closure, and head flashing.
- To address the buildup of elements on the head detail, consider the use of a flexible cavity closer.

*JSC recommends no hooks or hems. Therefore, the flashing upstand dimensions must be increased by 25 mm in accordance with E2/AS1, Section 4.5.1

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**TYPE**
VERTICAL SHIPLAP WB - 45mm CAVITY FIX

**NAME**
Square Utility Head Detail

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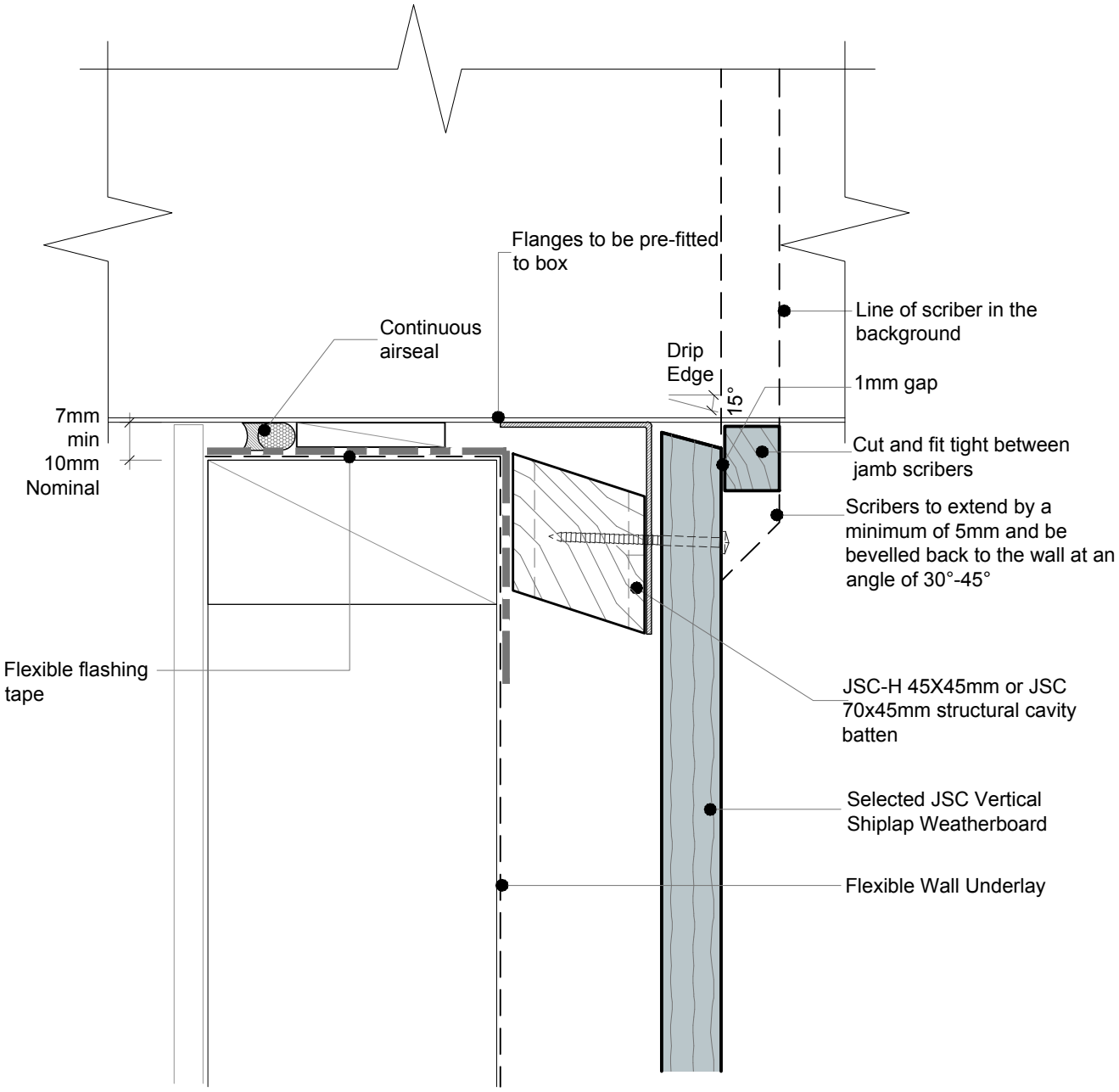


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**TYPE**
VERTICAL SHIPLAP WB - 45mm CAVITY FIX

**NAME**
Square Utility Sill Detail

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SCAN IT FOR MORE INFORMATION

| DRAWING SCALE | ISSUE DATE |
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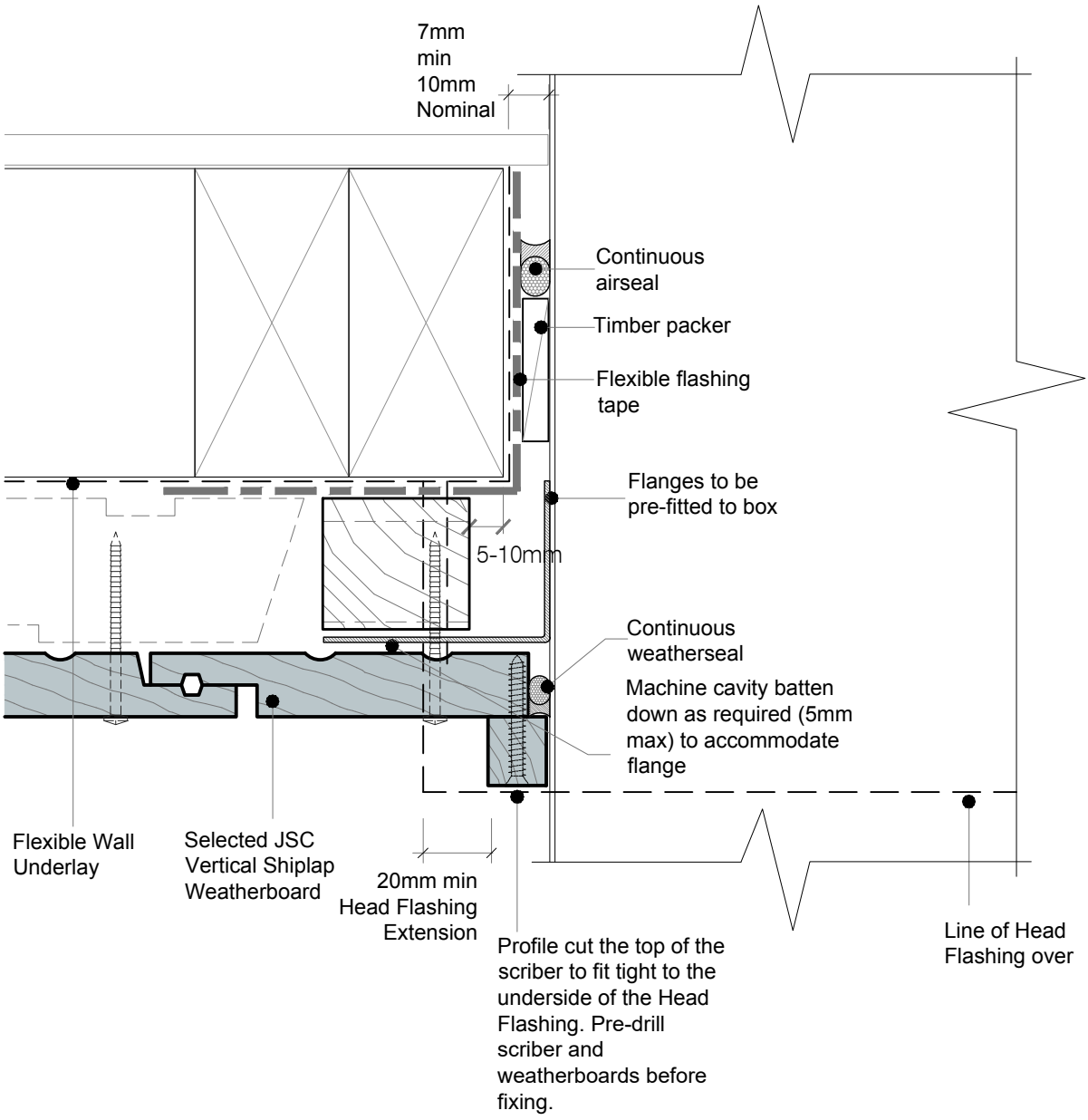
| JSC 45CF VS31 | 2.5 |

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**TYPE**
VERTICAL SHIPLAP WB - 45mm CAVITY FIX

**NAME**
Square Utility Jamb Detail

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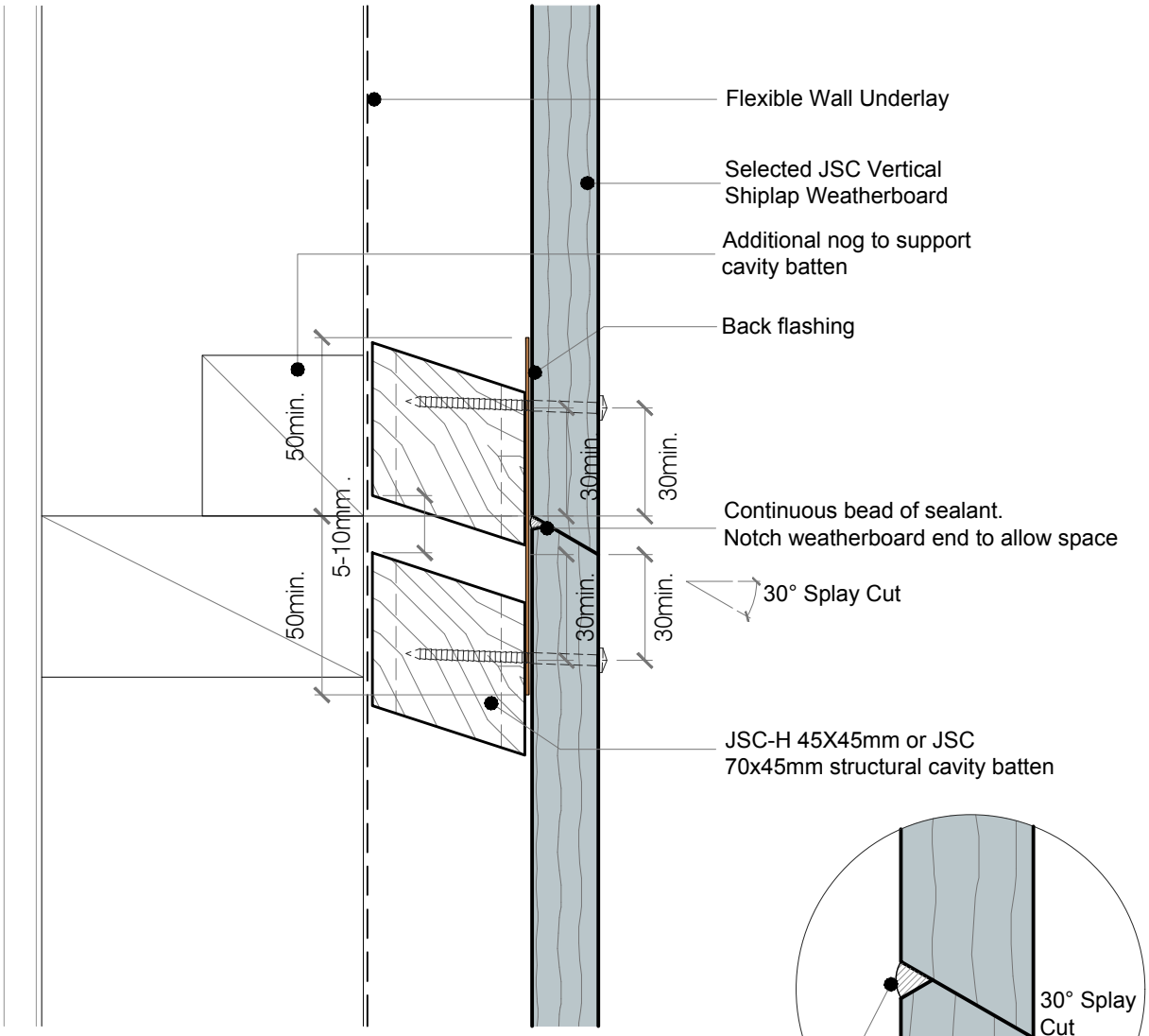





NOTES:

- This detail is not to be used on Paint Finished weatherboards.
- Not to be used on Pine weatherboards.

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**TYPE**
VERTICAL SHIPLAP WB - 45mm CAVITY FIX

**NAME**
Weatherboard Scarf Joint

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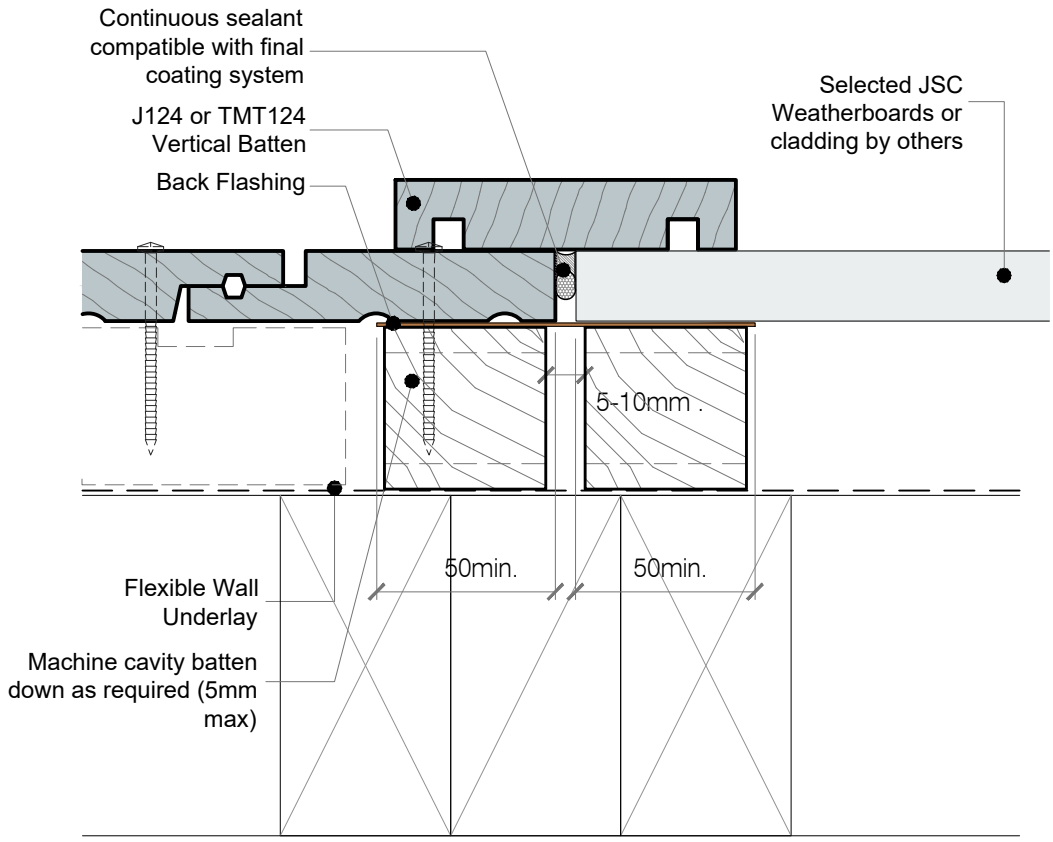


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**TYPE**
VERTICAL SHIPLAP WB - 45mm CAVITY FIX

**NAME**
Vertical Control Joint

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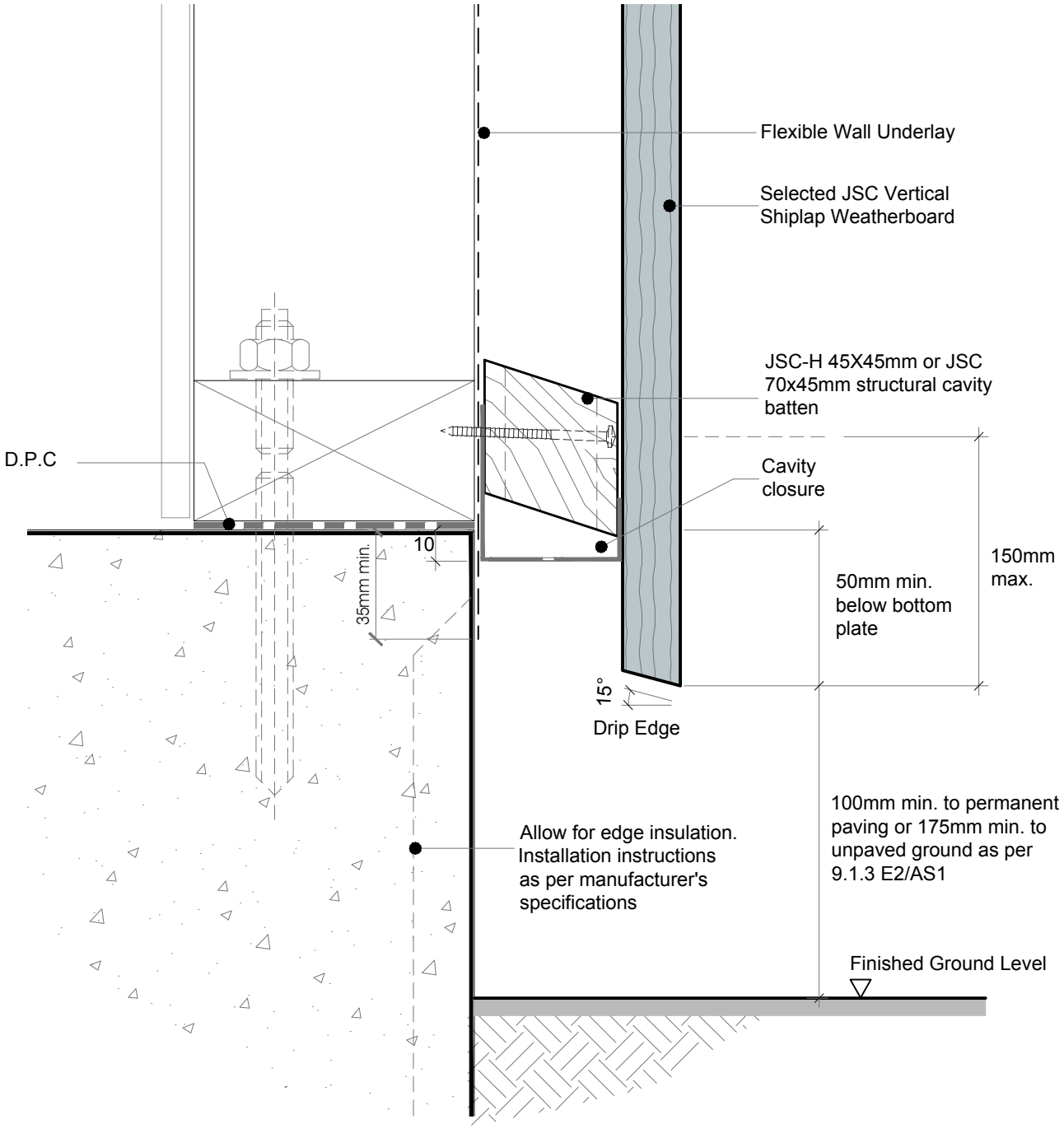


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**TYPE**
VERTICAL SHIPLAP WB - 45mm CAVITY FIX

**NAME**
Base of Wall, Concrete

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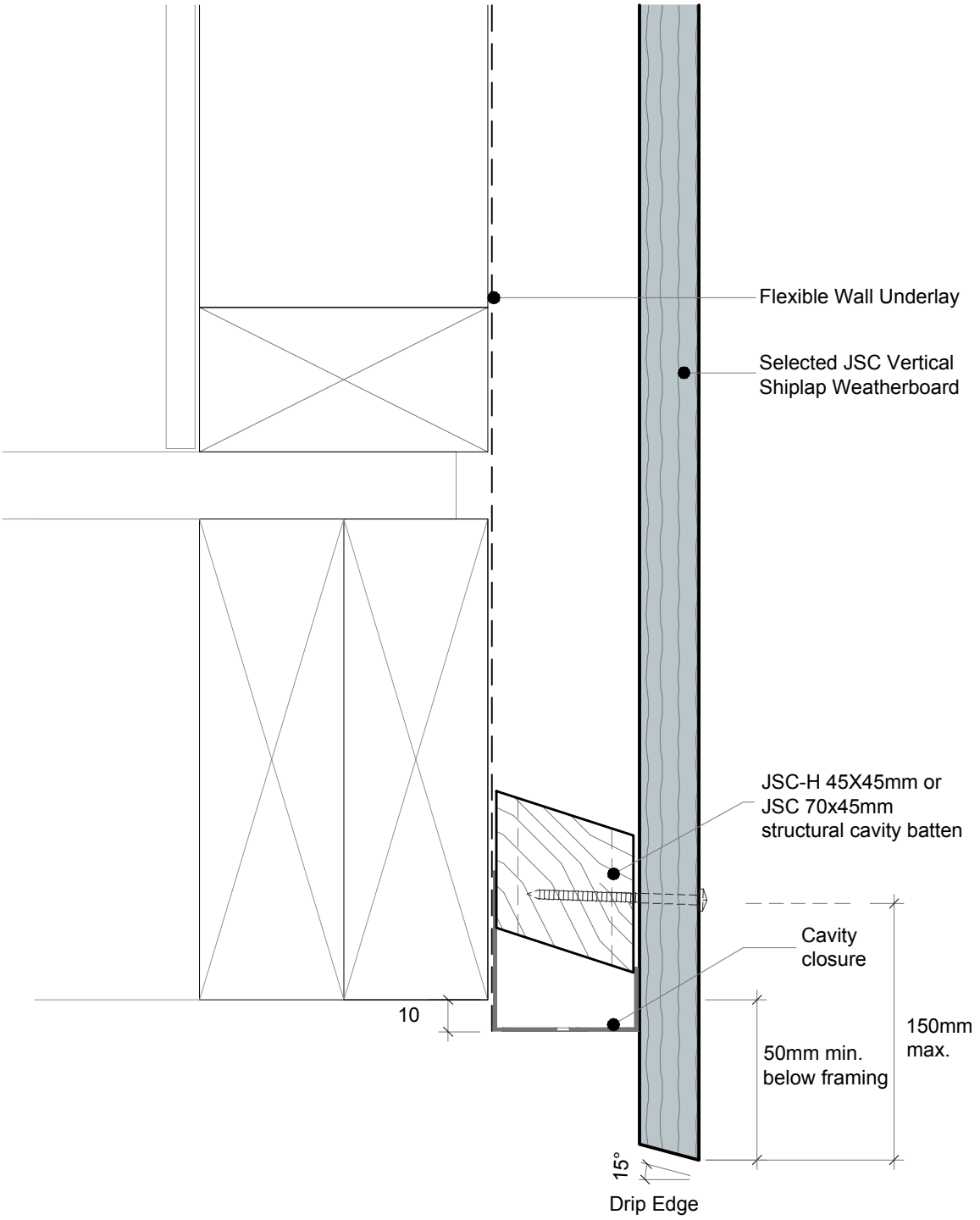


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**TYPE**
VERTICAL SHIPLAP WB - 45mm CAVITY FIX

**NAME**
Base of Wall, Timber

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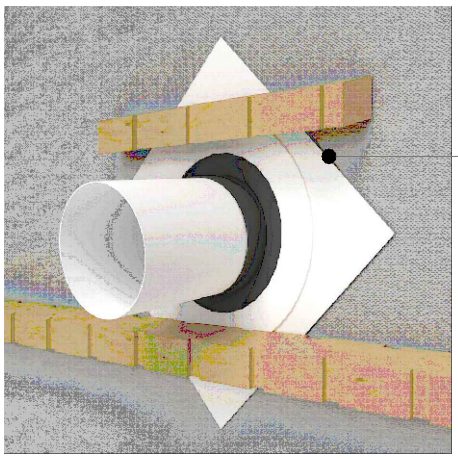
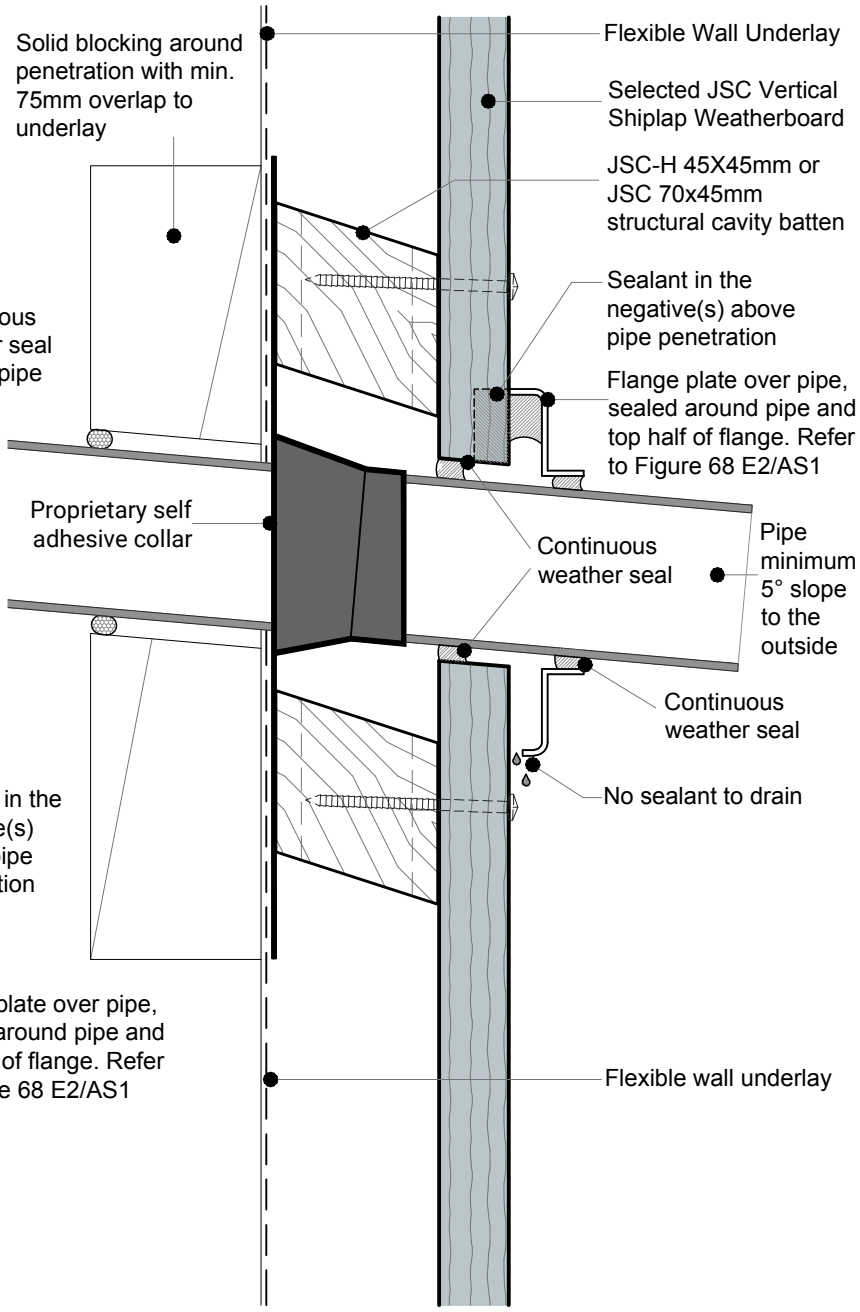
-Refer to E2/AS1



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**TYPE**
VERTICAL SHIPLAP WB - 45mm CAVITY FIX

**NAME**
Pipe Penetration

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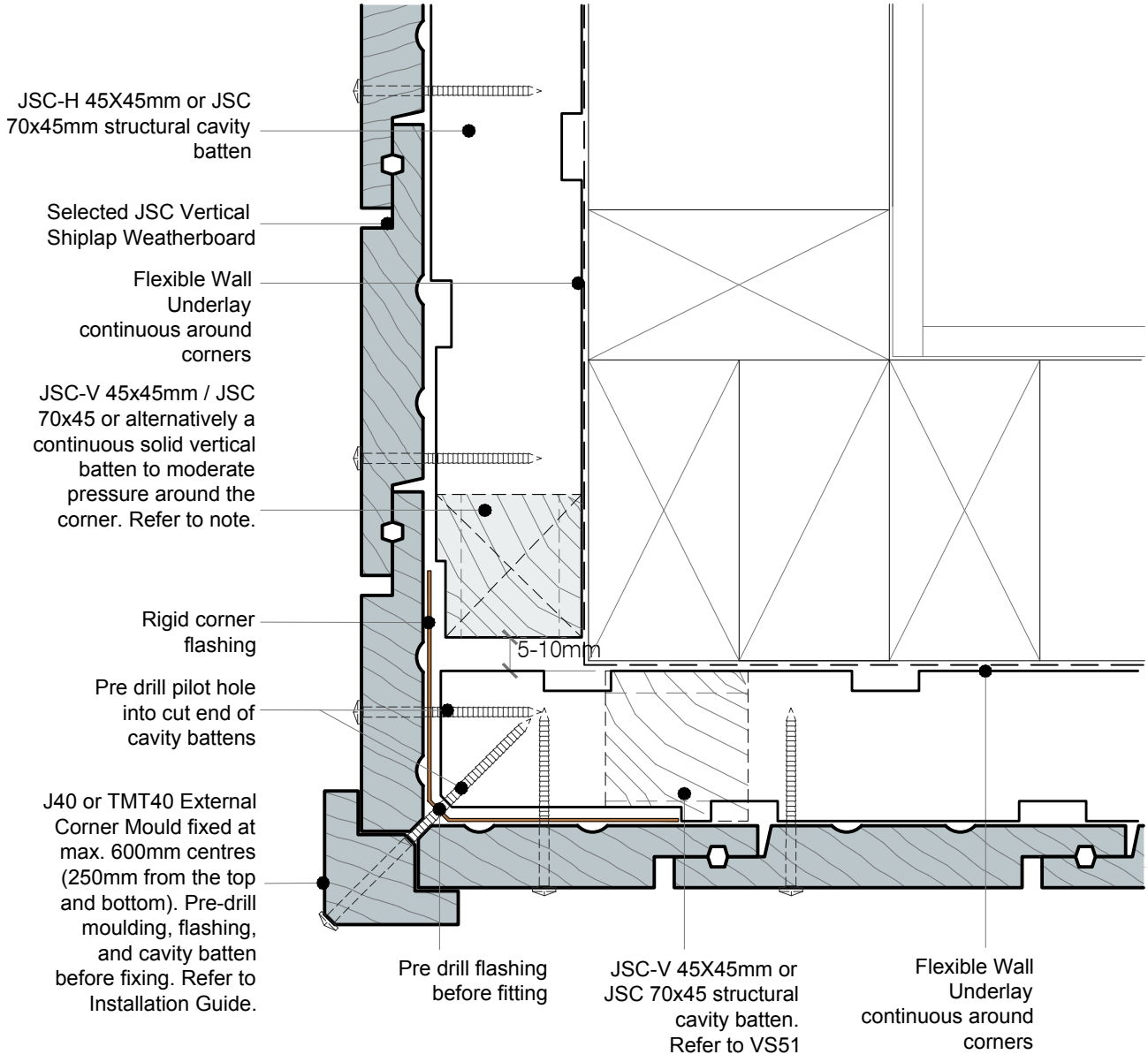
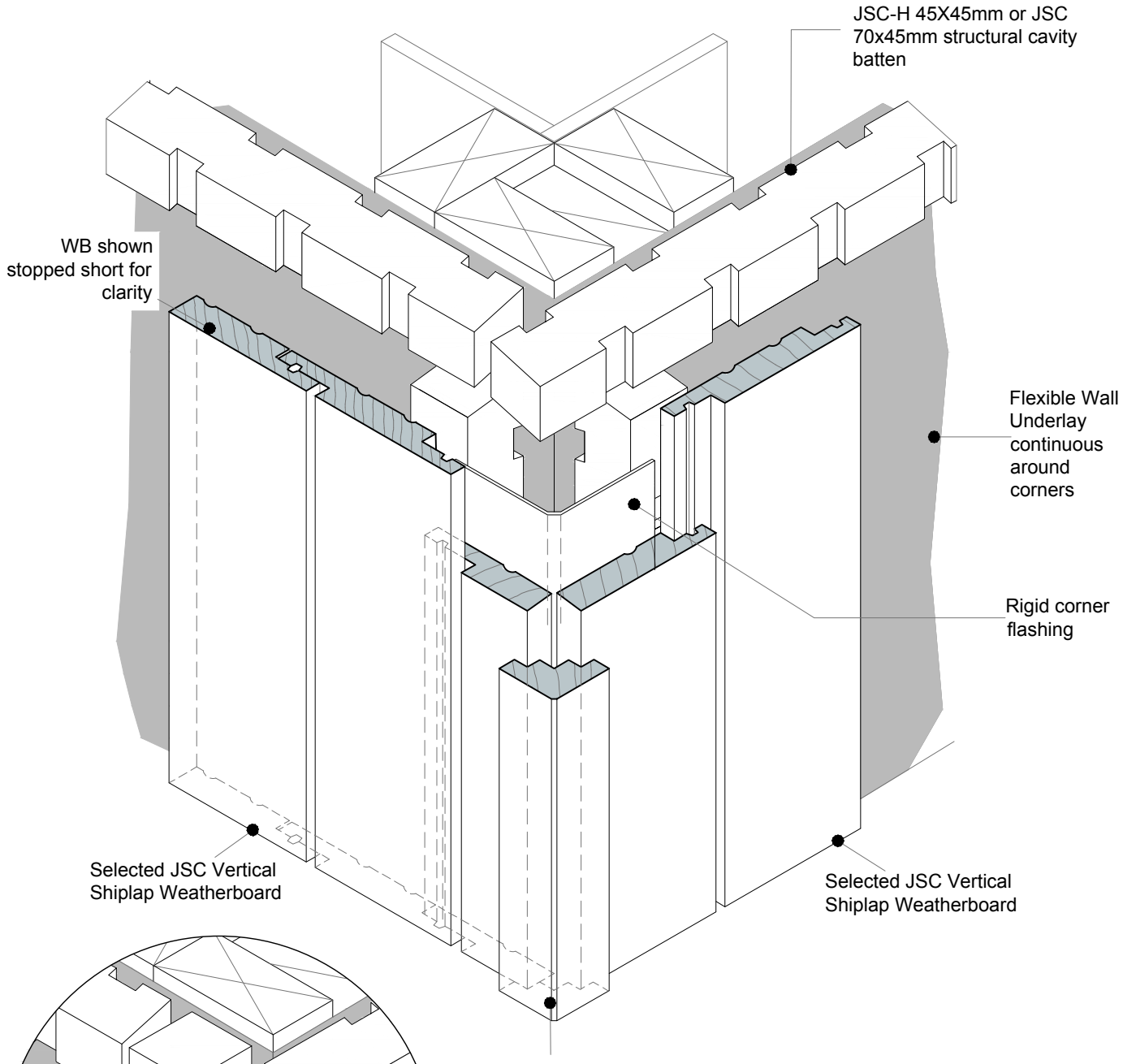
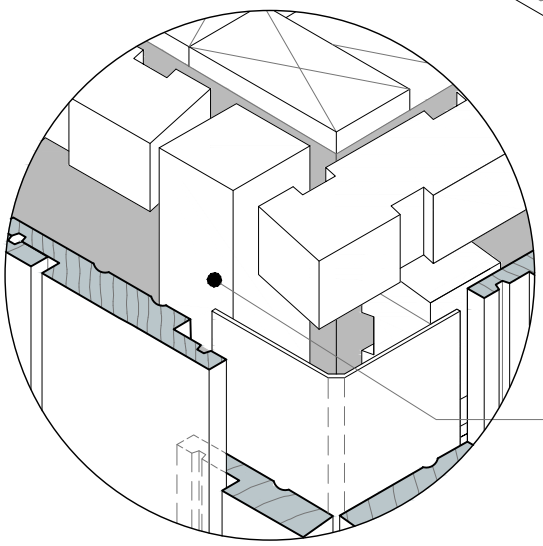



N O T E S:

- Machine cavity battens down as required (5mm max) to accommodate corner flashing.
- For Very High (VH) and Extra High (EH) wind zones, a solid batten (non-castellated) is required down one side of a significant external corner (change in elevation) to provide pressure isolation between elevations.




ALTERNATIVE CORNER DETAIL

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**TYPE**
VERTICAL SHIPLAP WB - 45mm CAVITY FIX

**NAME**
3D - External Corner - J40

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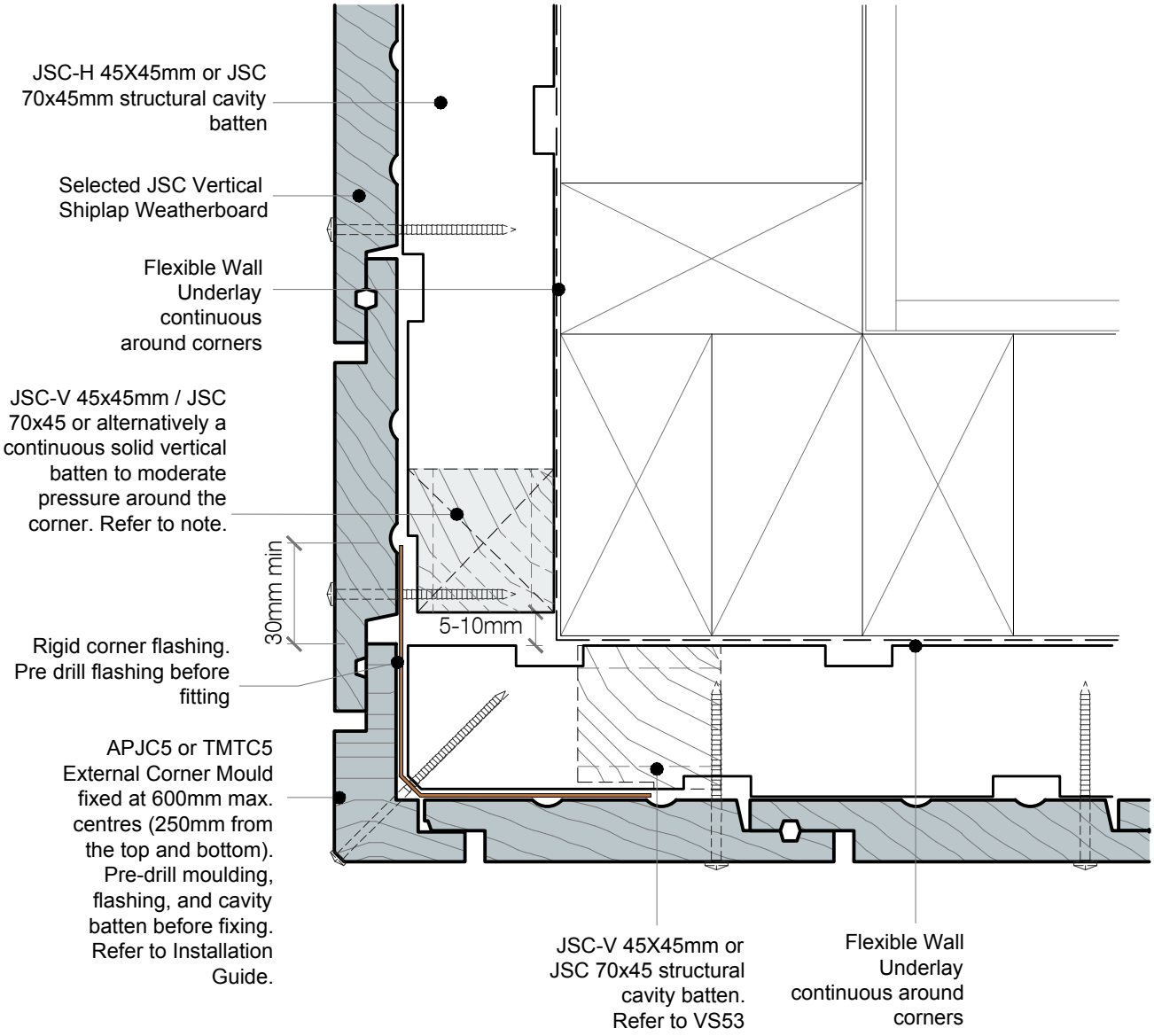
| **DRAWING NUMBER** | **VERSION** |
| JSC 45CF VS51 | 2.5 |




N O T E S:

- Machine cavity battens down as required (5mm max) to accommodate corner flashing.
- For Very High (VH) and Extra High (EH) wind zones, a solid batten (non-castellated) is required down one side of a significant external corner (change in elevation) to provide pressure isolation between elevations.

- TO BE READ IN CONJUNCTION WITH COMPLETE JSC VERTICLAD SYSTEM LITERATURE

CodeMark CMNZ30084

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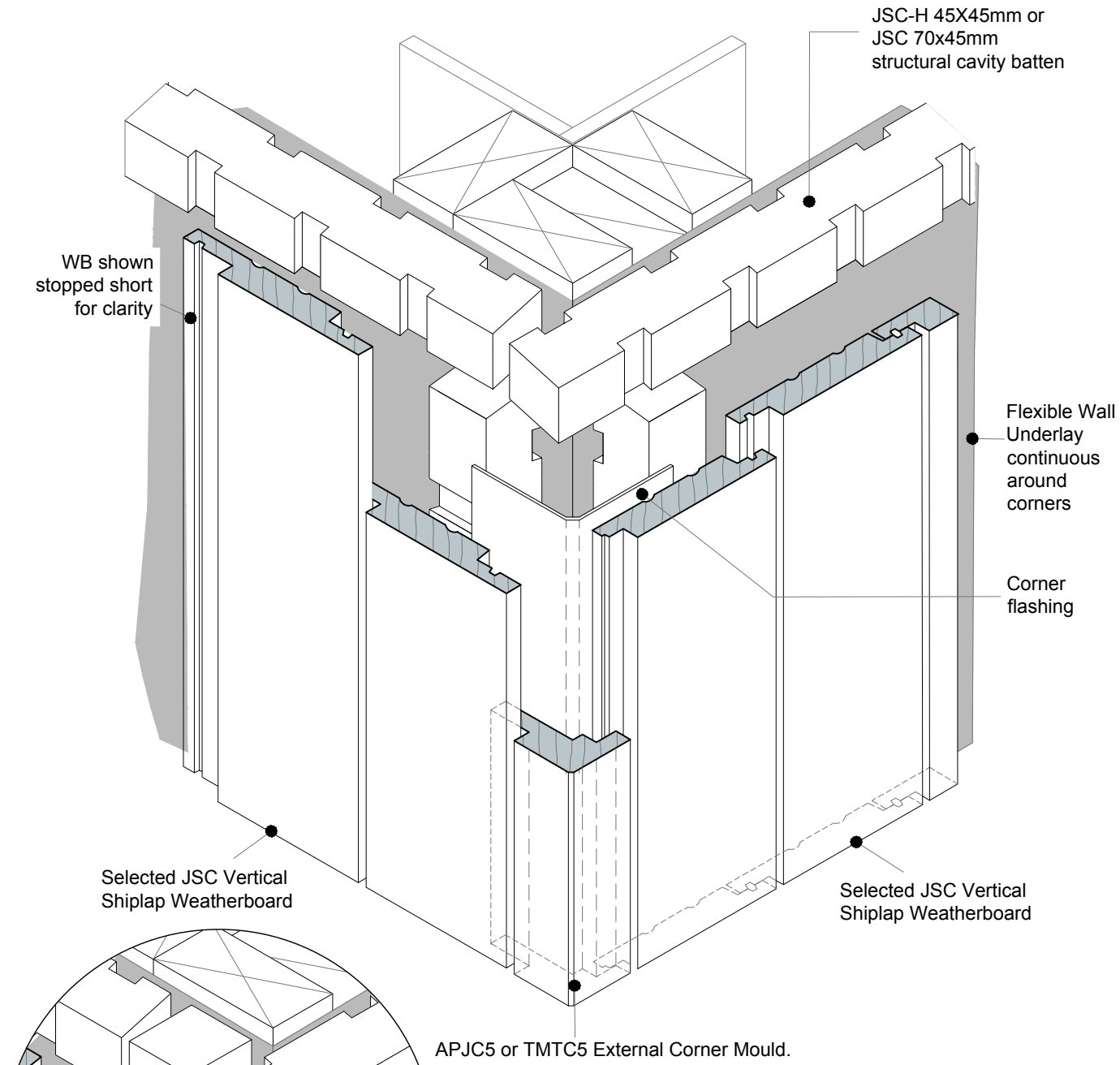
**TYPE**
VERTICAL SHIPLAP WB - 45mm CAVITY FIX

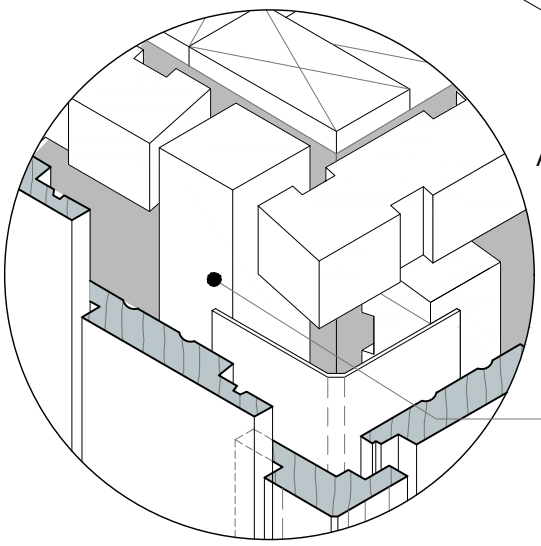
**NAME**
External Corner - APJC5

- DETAILS MAY BE SUBJECT TO CHANGE WITHOUT NOTICE

SCAN IT FOR MORE INFORMATION

| DRAWING SCALE | ISSUE DATE |
|---|---|
| 1:2 @ A4 | 24/02/2025 |
| **DRAWING NUMBER** | **VERSION** |
| JSC 45CF VS52 | 2.5 |




ALTERNATIVE CORNER DETAIL

- TO BE READ IN CONJUNCTION WITH COMPLETE JSC VERTICLAD SYSTEM LITERATURE

CodeMark
CMNZ30084

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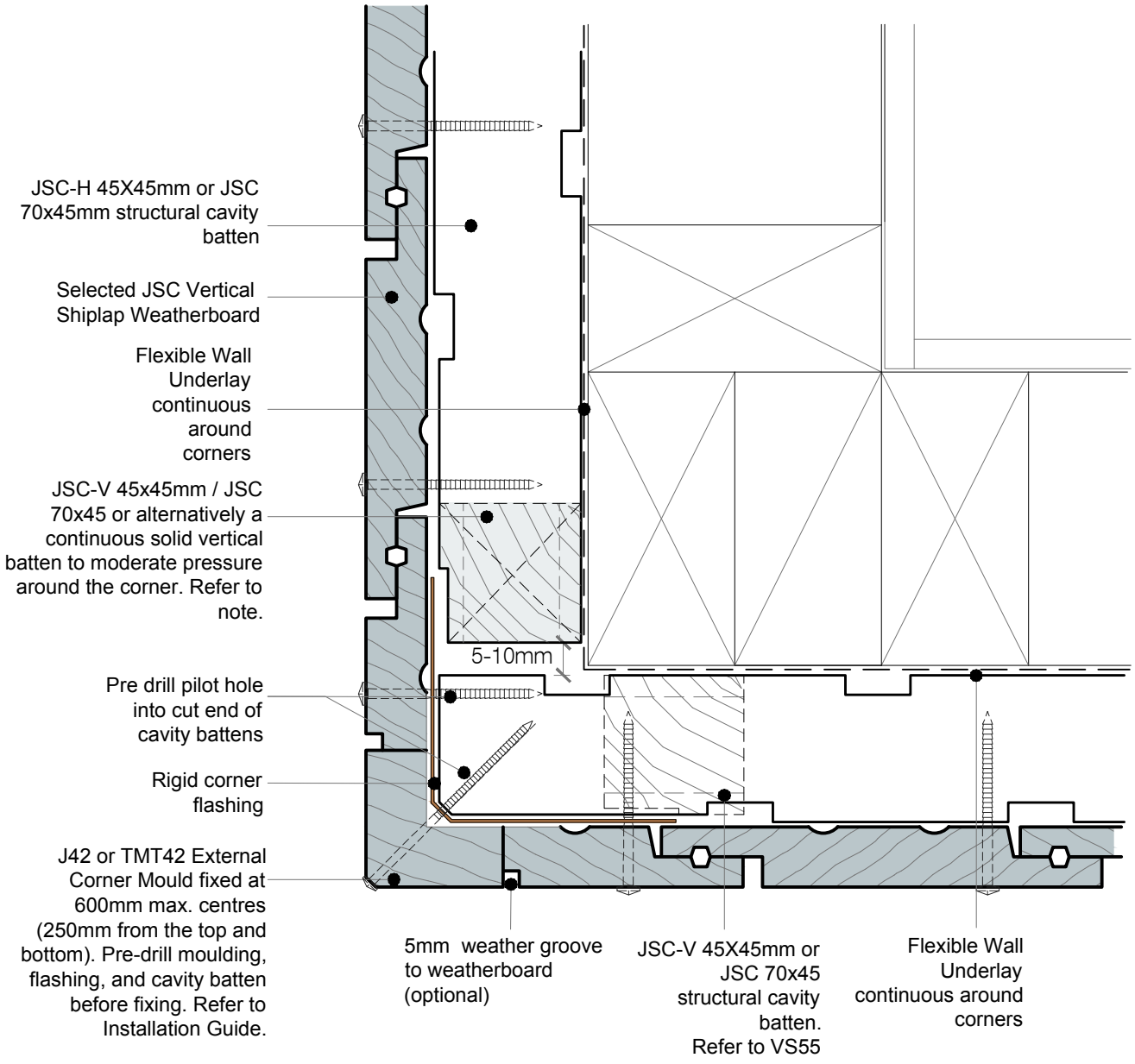
**TYPE**
VERTICAL SHIPLAP WB - 45mm CAVITY FIX

**NAME**
3D- External Corner - APJC5

- DETAILS MAY BE SUBJECT TO CHANGE WITHOUT NOTICE

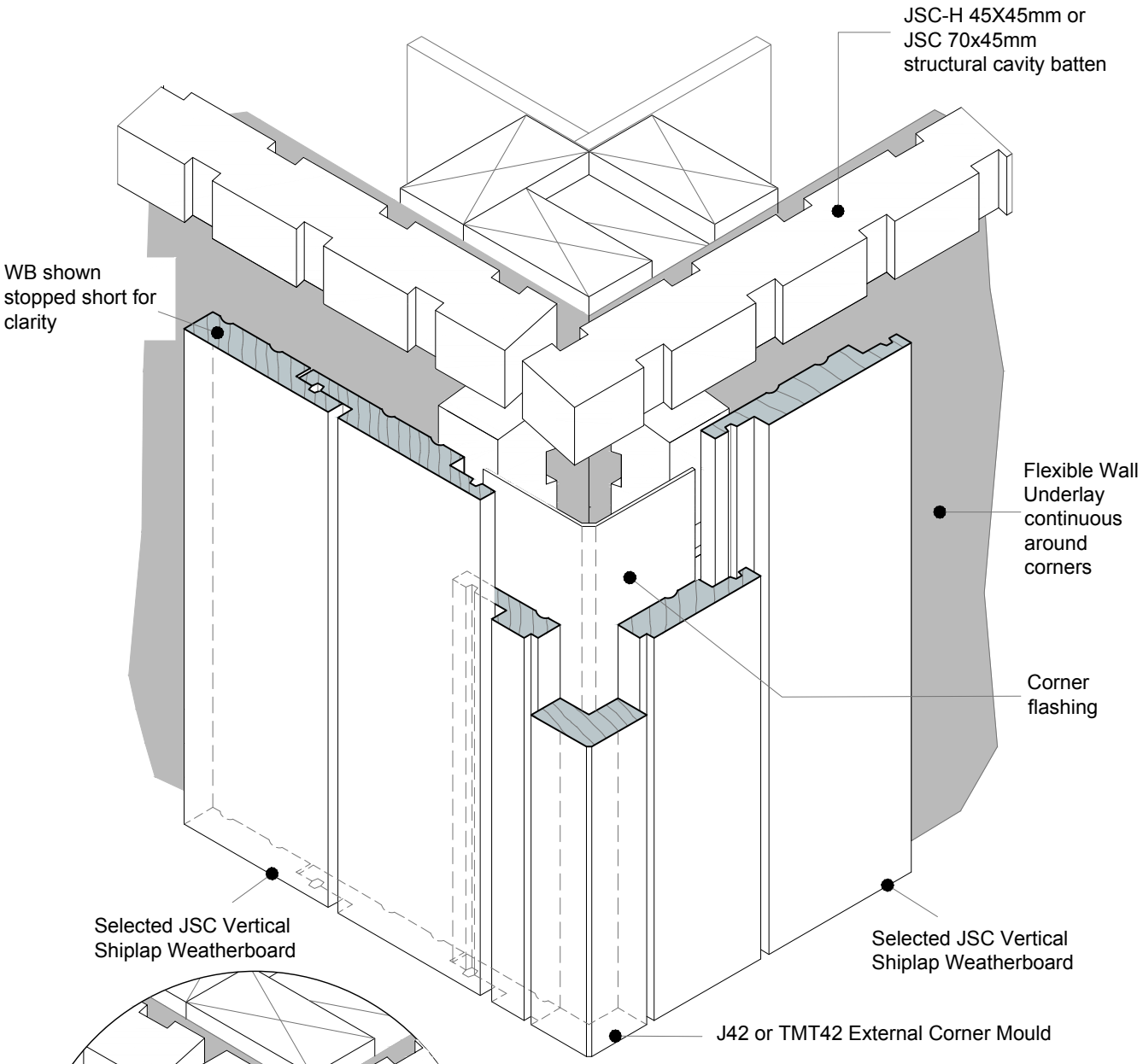
SCAN IT FOR MORE INFORMATION

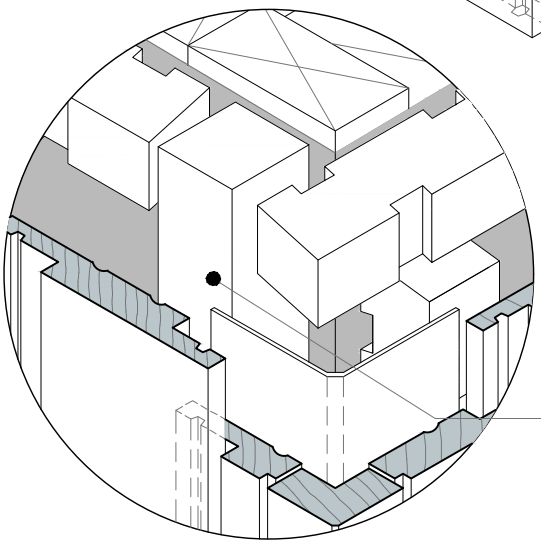
| DRAWING SCALE | ISSUE DATE |
|---|---|
| N.T.S. | 24/02/2025 |
| **DRAWING NUMBER** | **VERSION** |
| JSC 45CF VS53 | 2.5 |




N O T E S:

- Machine cavity battens down as required (5mm max) to accommodate corner flashing.
- For Very High (VH) and Extra High (EH) wind zones, a solid batten (non-castellated) is required down one side of a significant external corner (change in elevation) to provide pressure isolation between elevations.
- JSC recommends this detail to be used for paint finished weatherboards.
- This detail is not recommended for Pine weatherboards.



Continuous solid vertical batten to moderate pressure around corner. Required in Very High wind zones and above

ALTERNATIVE CORNER DETAIL

N O T E S:

- JSC recommends this detail to be used for paint finished weatherboards.
- This detail is not recommended for Pine weatherboards.

- TO BE READ IN CONJUNCTION WITH COMPLETE JSC VERTICLAD SYSTEM LITERATURE

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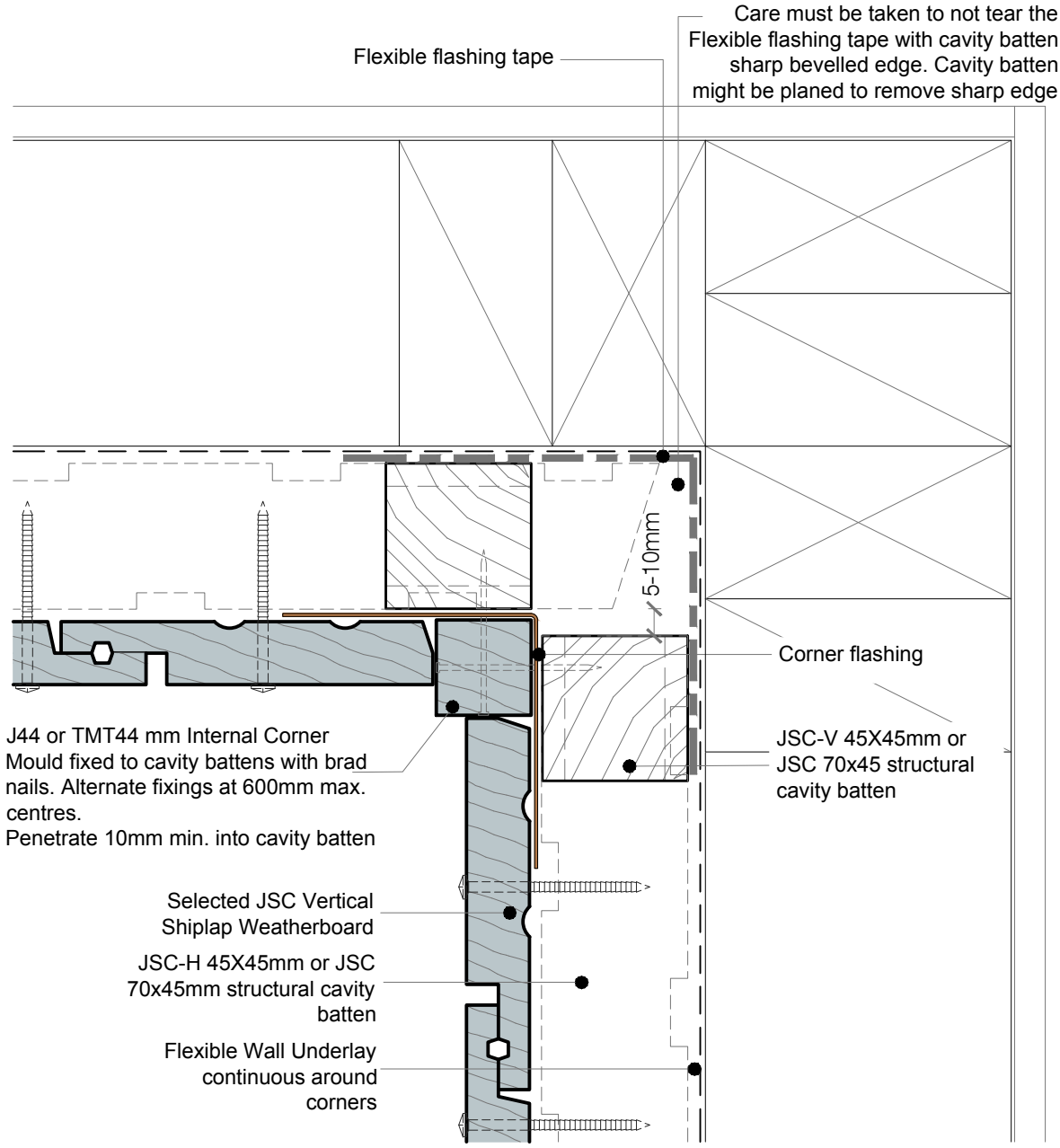
**TYPE**
VERTICAL SHIPLAP WB - 45mm CAVITY FIX

**NAME**
3D - External Corner - J42

- DETAILS MAY BE SUBJECT TO CHANGE WITHOUT NOTICE

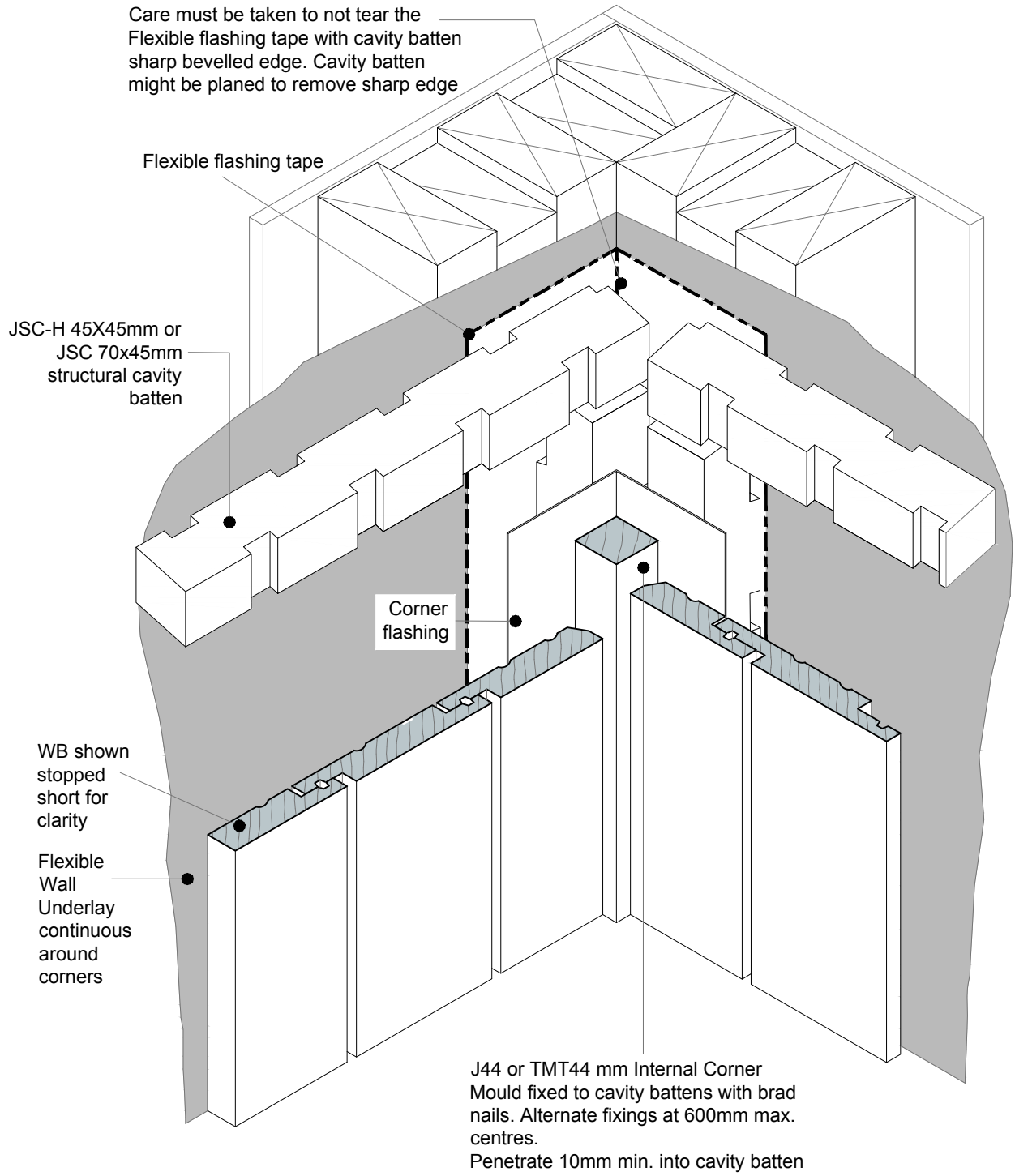
SCAN IT FOR MORE INFORMATION

| DRAWING SCALE | ISSUE DATE |
|---|---|
| N.T.S. | 24/02/2025 |
| **DRAWING NUMBER** | **VERSION** |
| JSC 45CF VS55 | 2.5 |




N O T E S:

- Machine cavity battens down as required (5mm max) to accommodate corner flashing.
- Cut horizontal and vertical cavity battens on a 20-30°angle, sloping away from the framing.
- Flexible flashing tape is recommended due to movement that may occur in corners but it is not required by E2/AS1.




- TO BE READ IN CONJUNCTION WITH COMPLETE JSC VERTICLAD SYSTEM LITERATURE

CodeMark CMNZ30084

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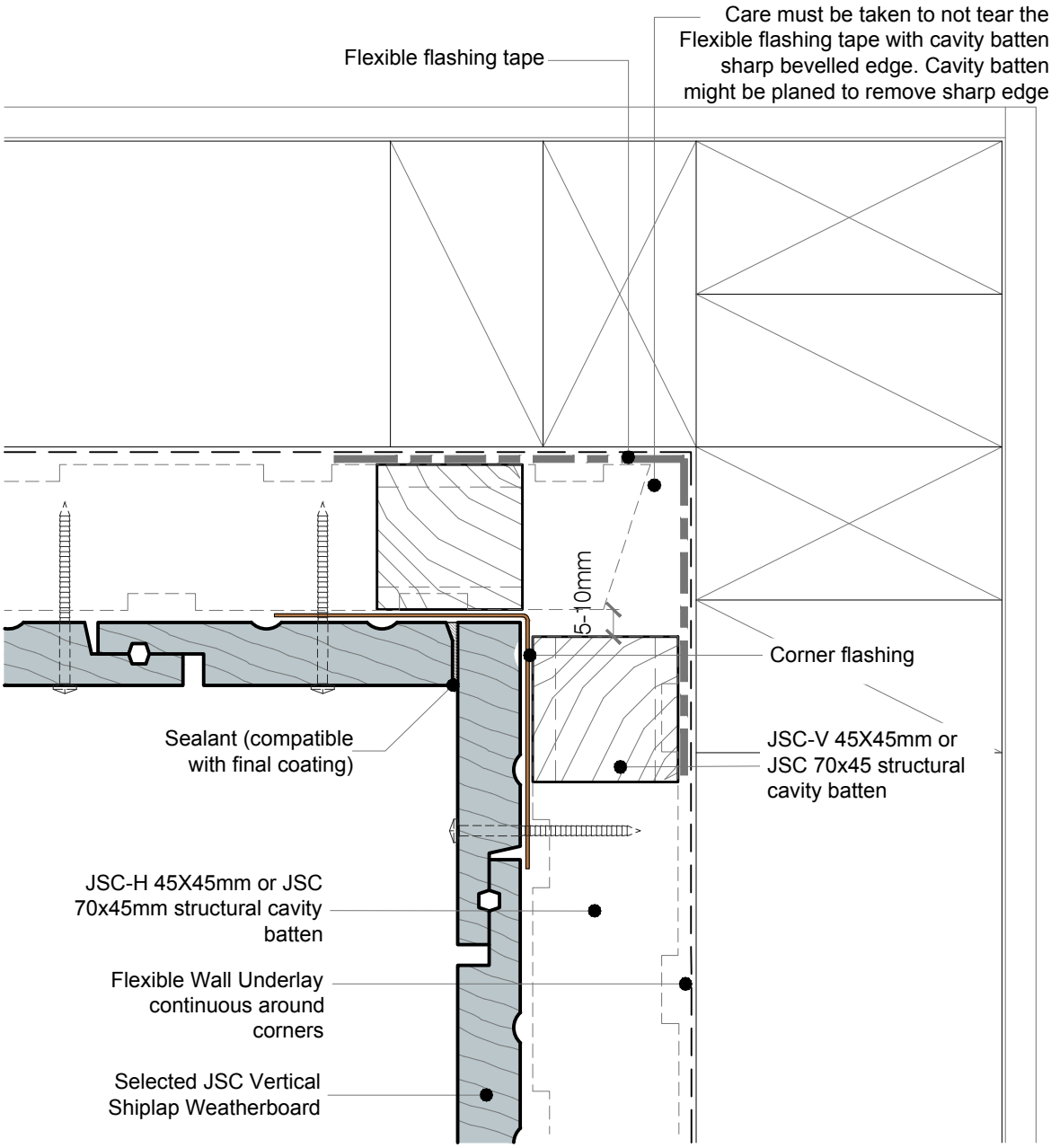
**TYPE**
VERTICAL SHIPLAP WB - 45mm CAVITY FIX

**NAME**
3D - Internal Corner - J44

- DETAILS MAY BE SUBJECT TO CHANGE WITHOUT NOTICE

SCAN IT FOR MORE INFORMATION

| DRAWING SCALE | ISSUE DATE |
|---|---|
| N.T.S. | 24/02/2025 |
| **DRAWING NUMBER** | **VERSION** |
| JSC 45CF VS61 | 2.5 |




NOTES:

- Machine cavity battens down as required (5mm max) to accommodate corner flashing.
- Cut horizontal and vertical cavity battens on a 20-30°angle, sloping away from the framing.
- Flexible flashing tape is recommended due to movement that may occur in corners but it is not required by E2/AS1.

- TO BE READ IN CONJUNCTION WITH COMPLETE JSC VERTICLAD SYSTEM LITERATURE

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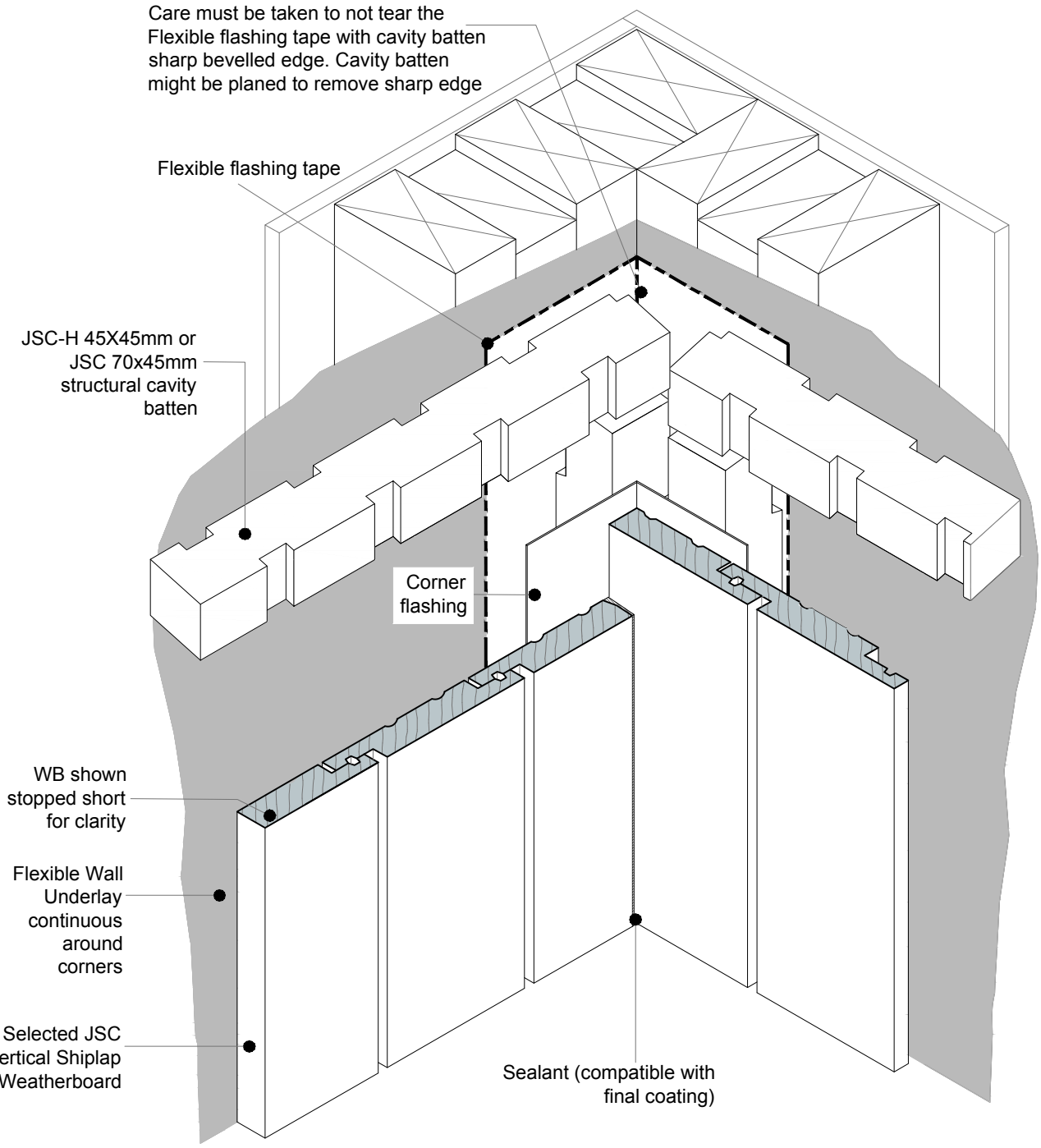
**TYPE**
VERTICAL SHIPLAP WB - 45mm CAVITY FIX

**NAME**
Internal Corner

- DETAILS MAY BE SUBJECT TO CHANGE WITHOUT NOTICE

SCAN IT FOR MORE INFORMATION

| DRAWING SCALE | ISSUE DATE |
|---|---|
| 1:2 @ A4 | 24/02/2025 |
| **DRAWING NUMBER** | **VERSION** |
| JSC 45CF VS62 | 2.5 |




- TO BE READ IN CONJUNCTION WITH COMPLETE JSC VERTICLAD SYSTEM LITERATURE

CodeMark CMNZ30084

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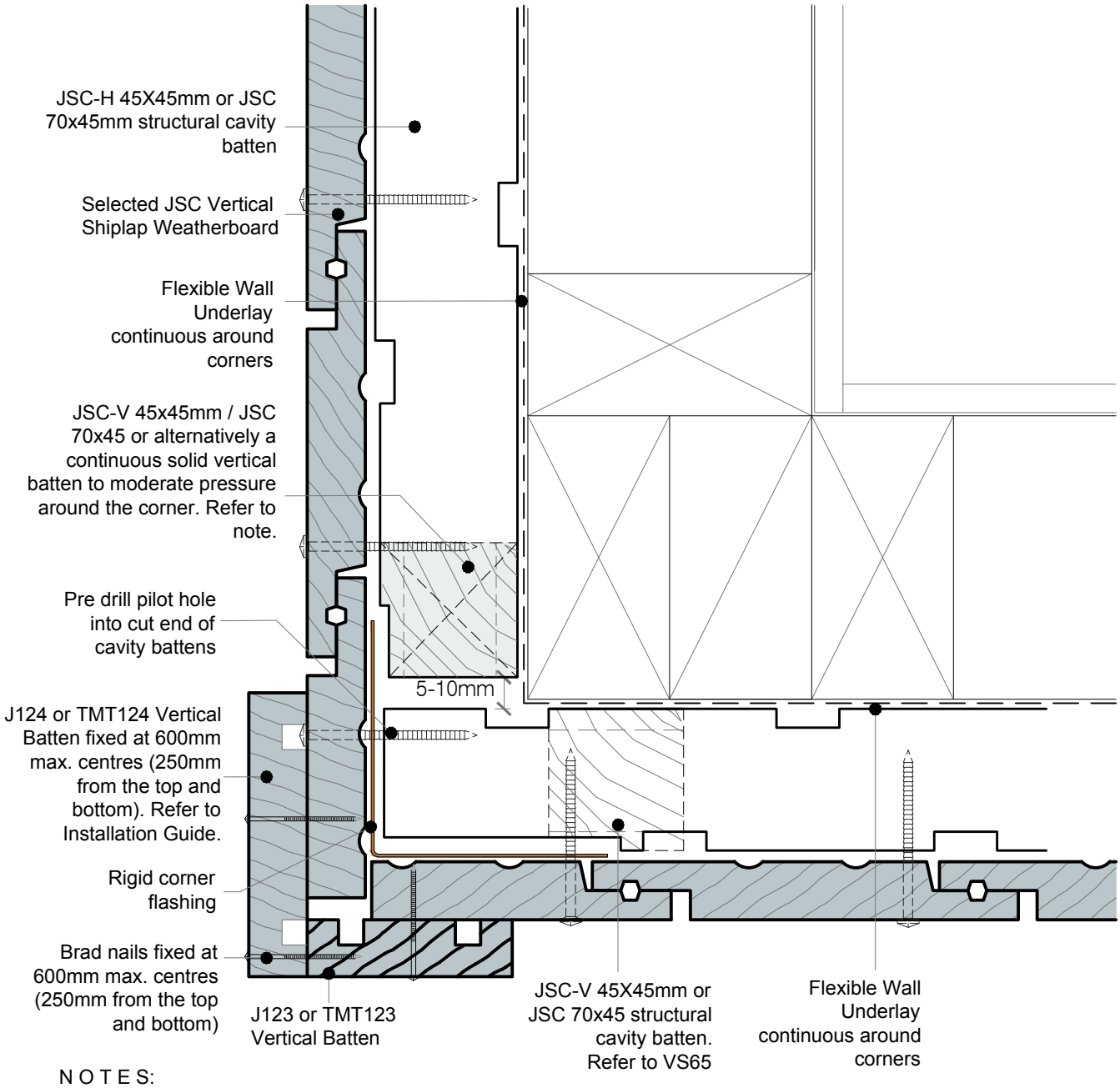
**TYPE**
VERTICAL SHIPLAP WB - 45mm CAVITY FIX

**NAME**
3D - Internal Corner

- DETAILS MAY BE SUBJECT TO CHANGE WITHOUT NOTICE

SCAN IT FOR MORE INFORMATION

| DRAWING SCALE | ISSUE DATE |
|---|---|
| N.T.S. | 24/02/2025 |
| **DRAWING NUMBER** | **VERSION** |
| JSC 45CF VS63 | 2.5 |




N O T E S:

- Machine cavity battens down as required (5mm max) to accommodate corner flashing.
- For Very High (VH) and Extra High (EH) wind zones, a solid batten (non-castellated) is required down one side of a significant external corner (change in elevation) to provide pressure isolation between elevations.
- JSC recommends this detail to be used for paint finished weatherboards.
- JSC recommends this detail to be used for pine weatherboards.

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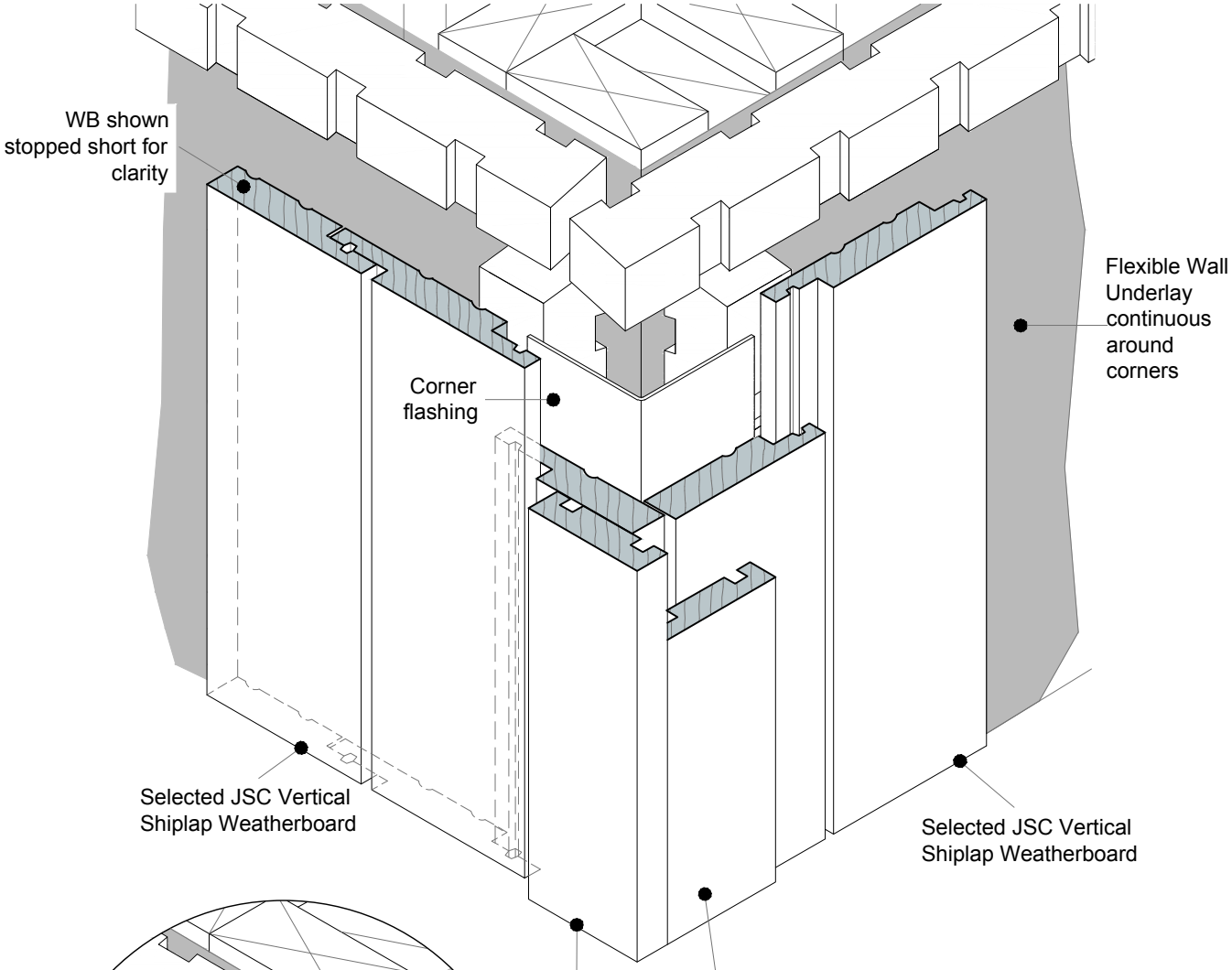
**TYPE**
VERTICAL SHIPLAP WB - 45mm CAVITY FIX

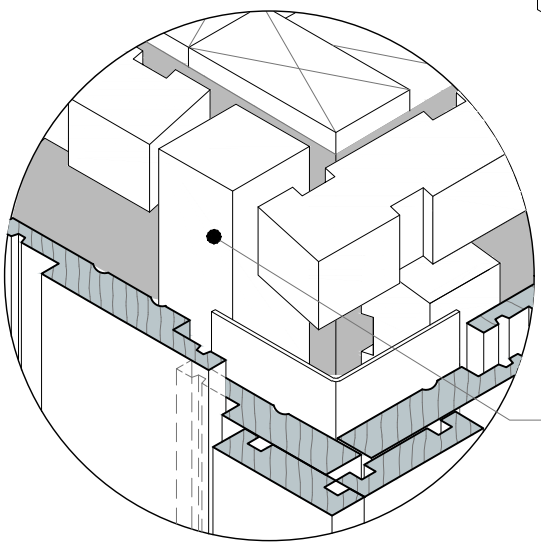
**NAME**
External Corner - Box Corner

- DETAILS MAY BE SUBJECT TO CHANGE WITHOUT NOTICE

SCAN IT FOR MORE INFORMATION

| DRAWING SCALE | ISSUE DATE |
|---|---|
| N.T.S. | 24/02/2025 |
| **DRAWING NUMBER** | **VERSION** |
| JSC 45CF VS64 | 2.5 |



Continuous solid vertical batten to moderate pressure around corner. Only required in Very High wind zones and above

N O T E S:

- JSC recommends this detail to be used fo paint finished weatherboards.
- JSC recommends this detail to be used fo pine weatherboards.

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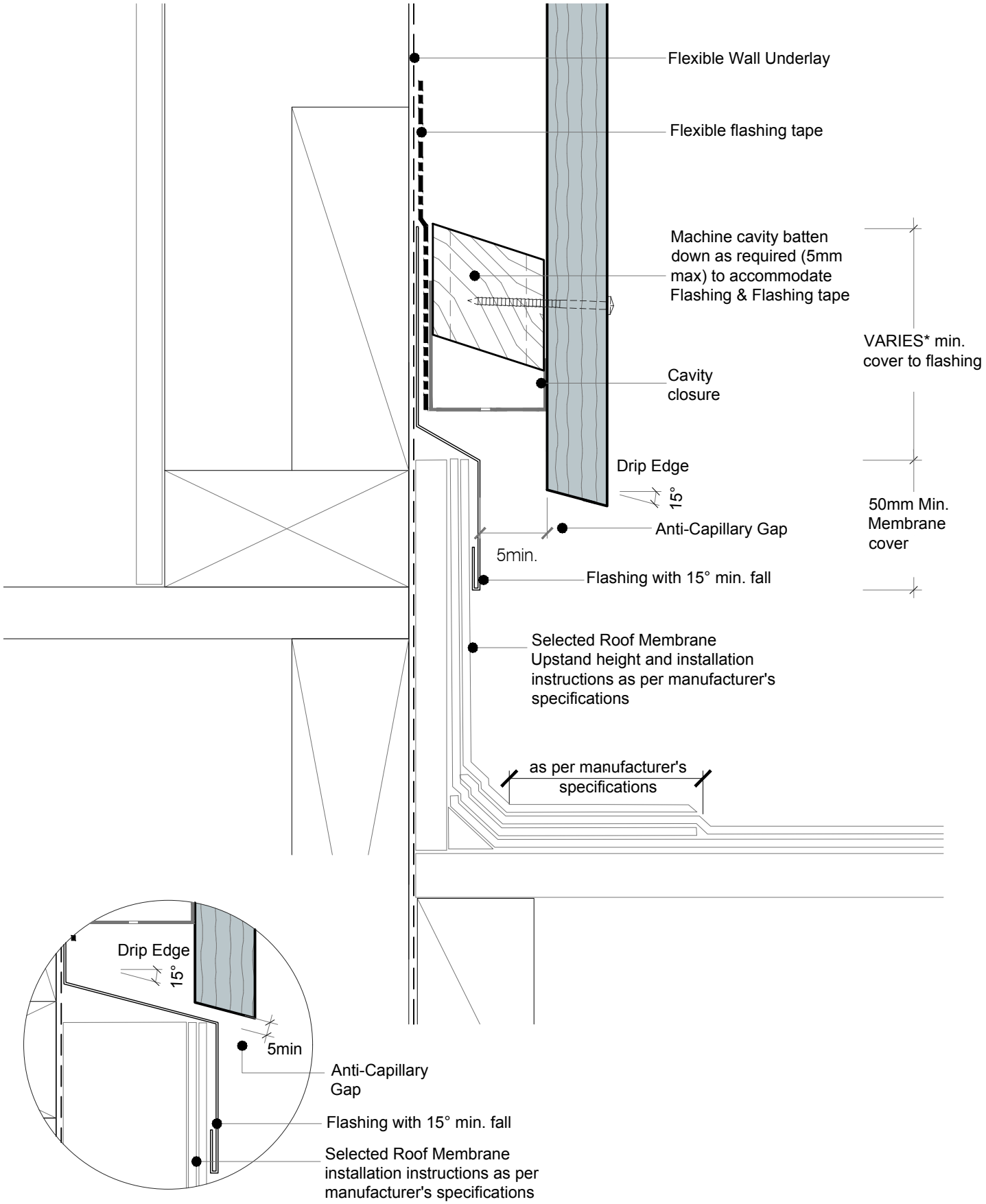
**TYPE**
VERTICAL SHIPLAP WB - 45mm CAVITY FIX

**NAME**
3D External Corner - Box Corner

- DETAILS MAY BE SUBJECT TO CHANGE WITHOUT NOTICE

SCAN IT FOR MORE INFORMATION

| DRAWING SCALE | ISSUE DATE |
|---|---|
| N.T.S. | 24/02/2025 |
| **DRAWING NUMBER** | **VERSION** |
| JSC 45CF VS65 | 2.5 |







- TO BE READ IN CONJUNCTION WITH COMPLETE JSC VERTICLAD SYSTEM LITERATURE

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**TYPE**
VERTICAL SHIPLAP WB - 45mm CAVITY FIX

**NAME**
Base of Wall, Membrane Roof

- DETAILS MAY BE SUBJECT TO CHANGE WITHOUT NOTICE

SCAN IT FOR MORE INFORMATION

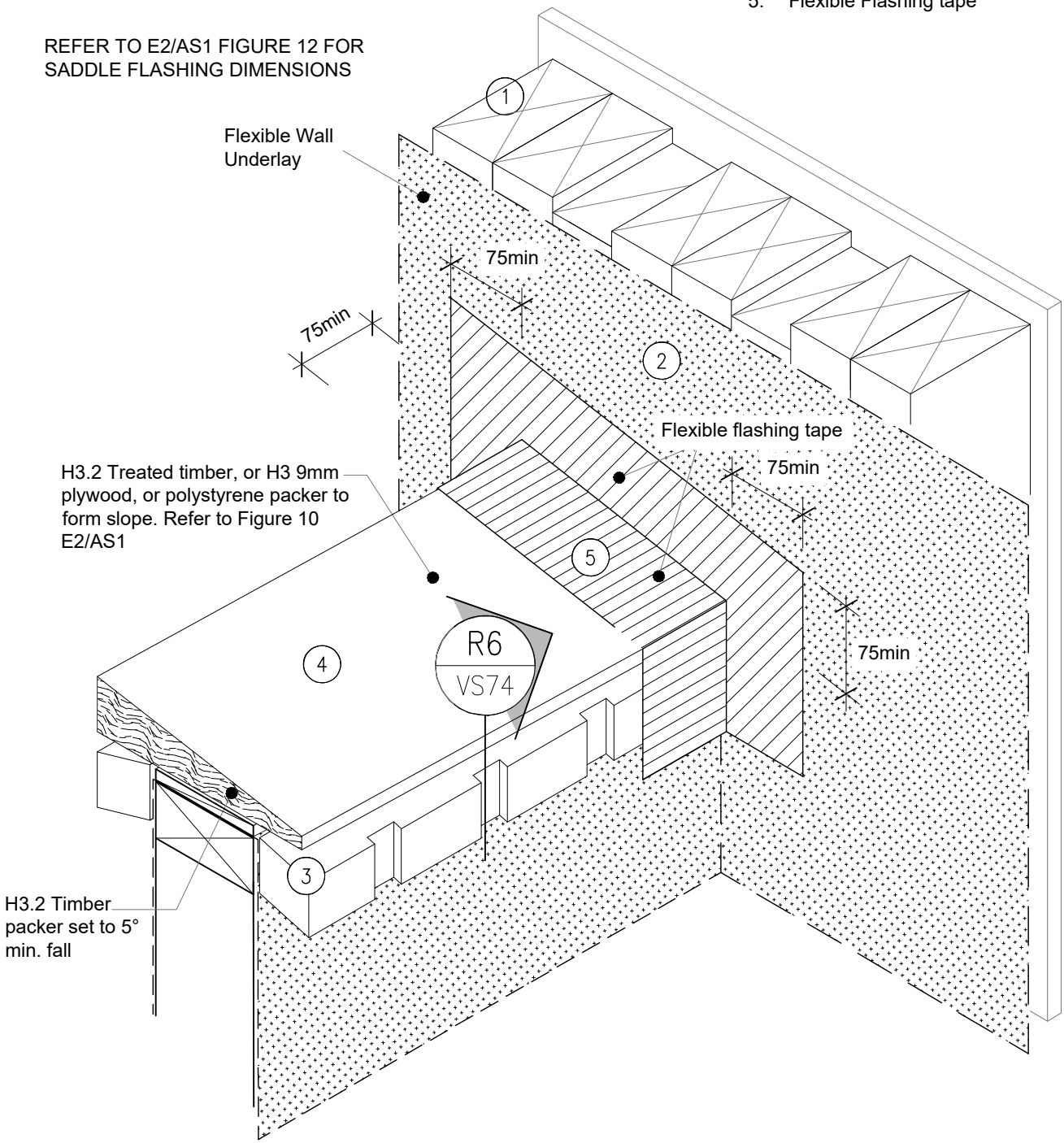
| DRAWING SCALE | ISSUE DATE |
|---|---|
| 1:2 @ A4 | 24/02/2025 |
| **DRAWING NUMBER** | **VERSION** |
| JSC 45CF VS70 | 2.5 |

SEQUENCE :

1. Framing
2. Wall Underlay
3. Parapet Cavity battens
4. Packer to form slope
5. Flexible Flashing tape

DETAIL NOTE :

REFER TO E2/AS1 FIGURE 12 FOR SADDLE FLASHING DIMENSIONS




- TO BE READ IN CONJUNCTION WITH COMPLETE JSC VERTICLAD SYSTEM LITERATURE

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TYPE
VERTICAL SHIPLAP WB - 45mm CAVITY FIX

NAME
Parapet Saddle Flashing - Stage One

- DETAILS MAY BE SUBJECT TO CHANGE WITHOUT NOTICE

SCAN IT FOR MORE INFORMATION

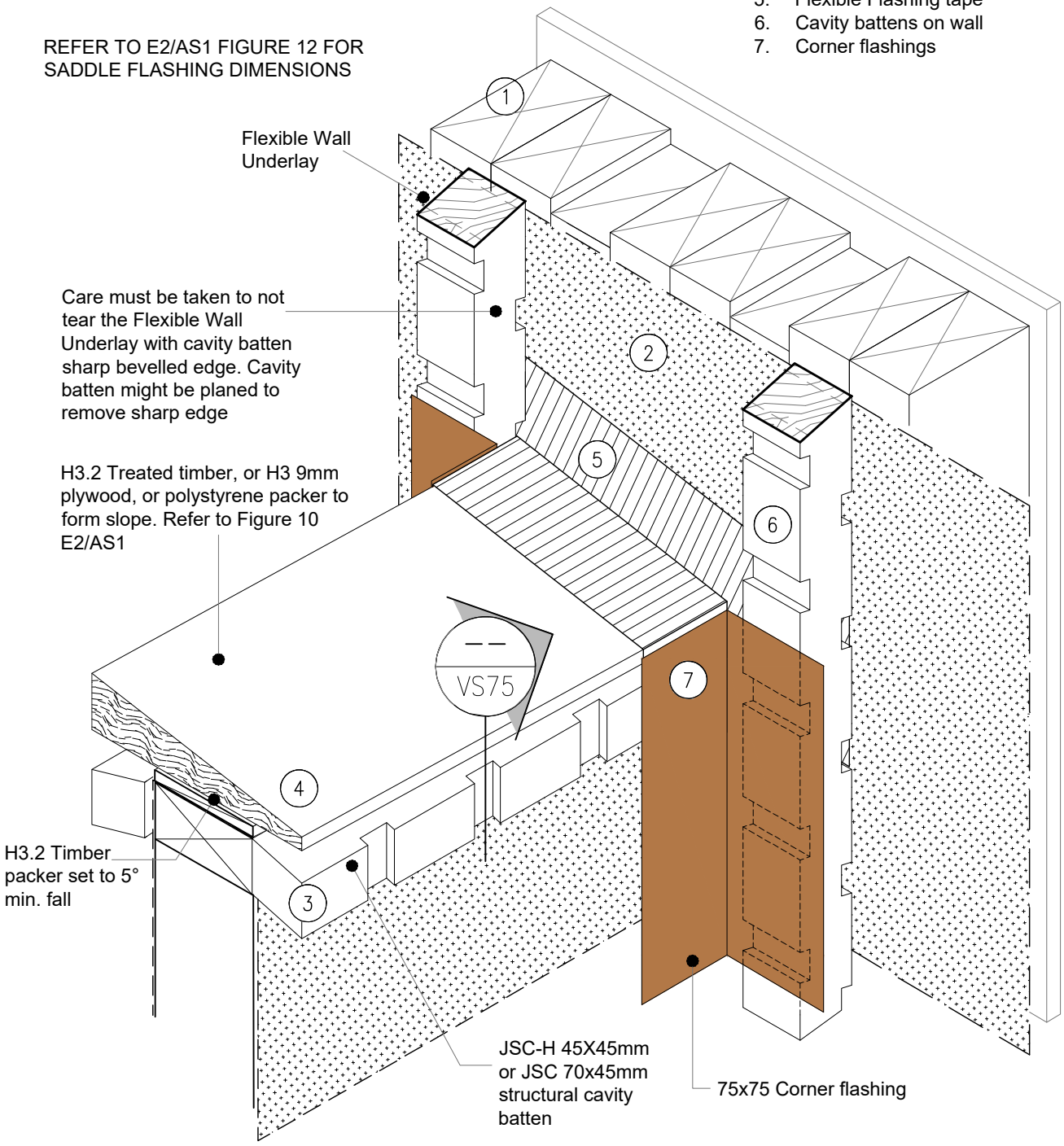
| DRAWING SCALE | ISSUE DATE |
|---|---|
| NTS | 24/02/2025 |
| DRAWING NUMBER | VERSION |
| JSC 45CF VS71a | 2.5 |

SEQUENCE :

1. Framing
2. Wall Underlay
3. Parapet Cavity battens
4. Packer to form slope
5. Flexible Flashing tape
6. Cavity battens on wall
7. Corner flashings

DETAIL NOTE :

REFER TO E2/AS1 FIGURE 12 FOR SADDLE FLASHING DIMENSIONS




- TO BE READ IN CONJUNCTION WITH COMPLETE JSC VERTICLAD SYSTEM LITERATURE

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**TYPE**
VERTICAL SHIPLAP WB - 45mm CAVITY FIX

**NAME**
Parapet Saddle Flashing - Stage Two

- DETAILS MAY BE SUBJECT TO CHANGE WITHOUT NOTICE

SCAN IT FOR MORE INFORMATION

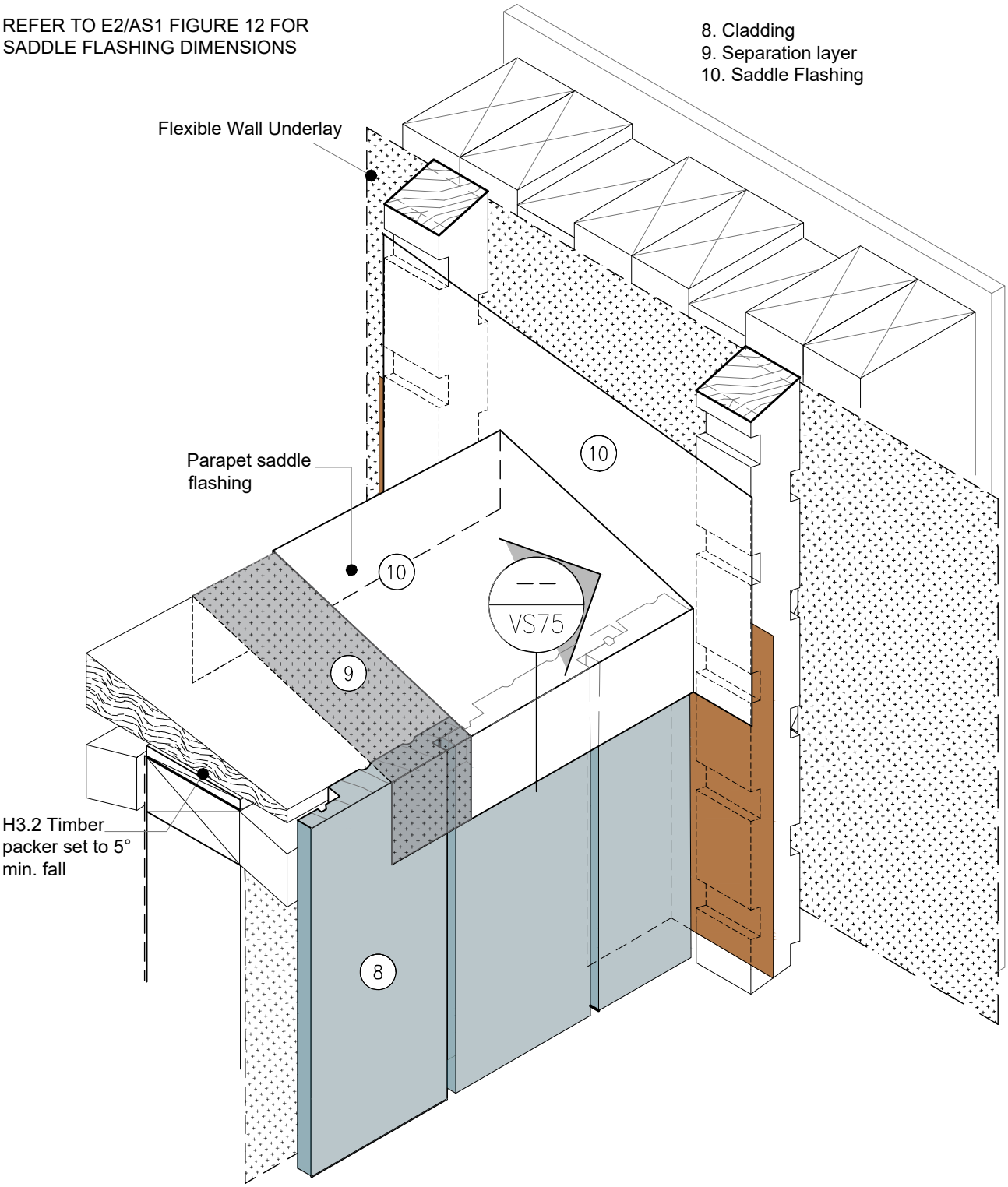
| DRAWING SCALE | ISSUE DATE |
|---|---|
| NTS | 24/02/2025 |
| **DRAWING NUMBER** | **VERSION** |
| JSC 45CF VS71b | 2.5 |

DETAIL NOTE :

REFER TO E2/AS1 FIGURE 12 FOR SADDLE FLASHING DIMENSIONS

SEQUENCE :

8. Cladding
9. Separation layer
10. Saddle Flashing

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**TYPE**
VERTICAL SHIPLAP WB - 45mm CAVITY FIX

**NAME**
Parapet Saddle Flashing - Stage Three

- DETAILS MAY BE SUBJECT TO CHANGE WITHOUT NOTICE

SCAN IT FOR MORE INFORMATION

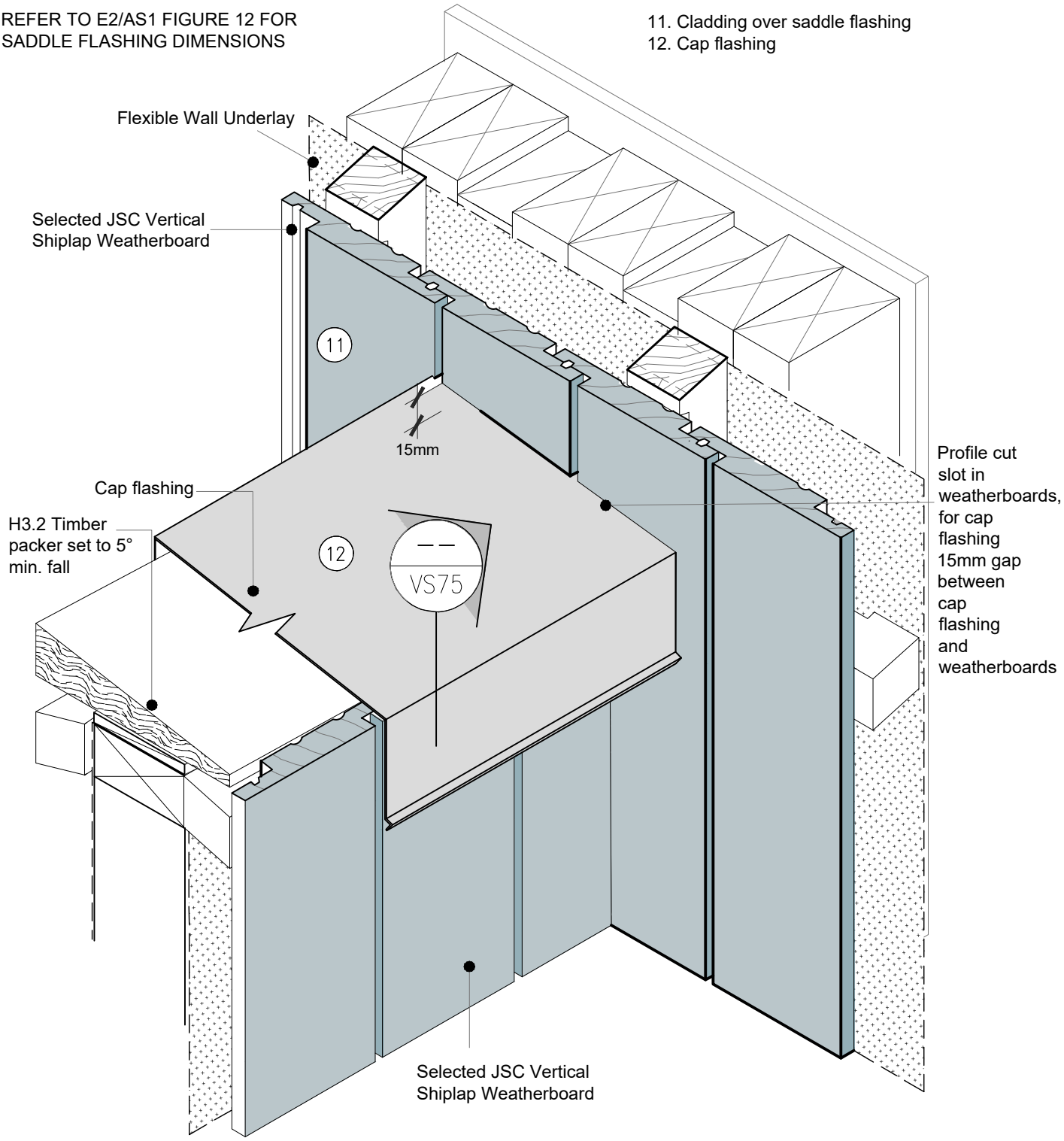
| DRAWING SCALE | ISSUE DATE |
|---|---|
| NTS | 24/02/2025 |
| **DRAWING NUMBER** | **VERSION** |
| JSC 45CF VS71c | 2.5 |

DETAIL NOTE :

REFER TO E2/AS1 FIGURE 12 FOR SADDLE FLASHING DIMENSIONS

SEQUENCE :

11. Cladding over saddle flashing
12. Cap flashing




- TO BE READ IN CONJUNCTION WITH COMPLETE JSC VERTICLAD SYSTEM LITERATURE

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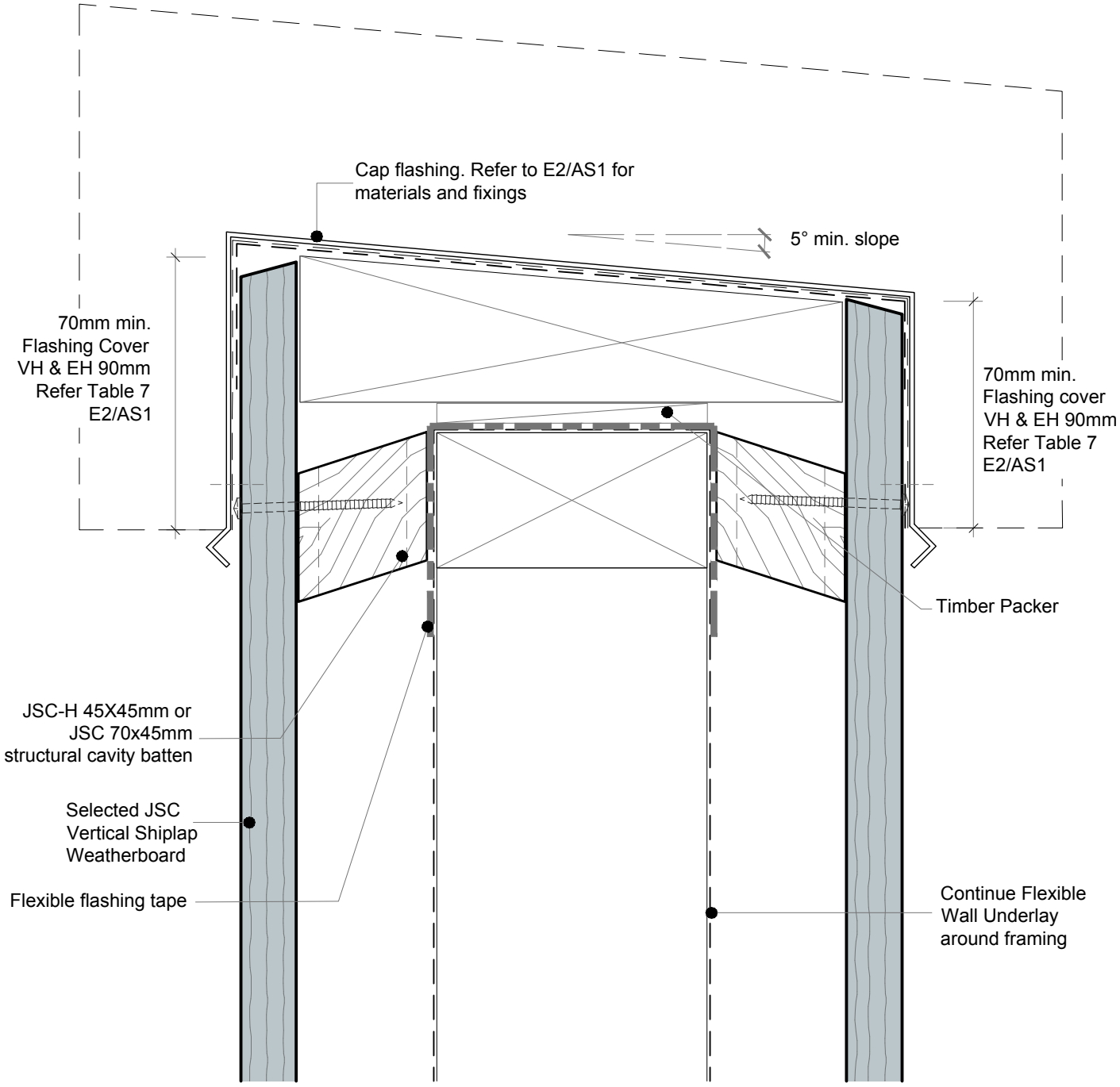
**TYPE**
VERTICAL SHIPLAP WB - 45mm CAVITY FIX

**NAME**
Parapet Saddle Flashing - Stage Four

- DETAILS MAY BE SUBJECT TO CHANGE WITHOUT NOTICE

SCAN IT FOR MORE INFORMATION

| DRAWING SCALE | ISSUE DATE |
|---|---|
| NTS | 24/02/2025 |
| **DRAWING NUMBER** | **VERSION** |
| JSC 45CF VS71d | 2.5 |

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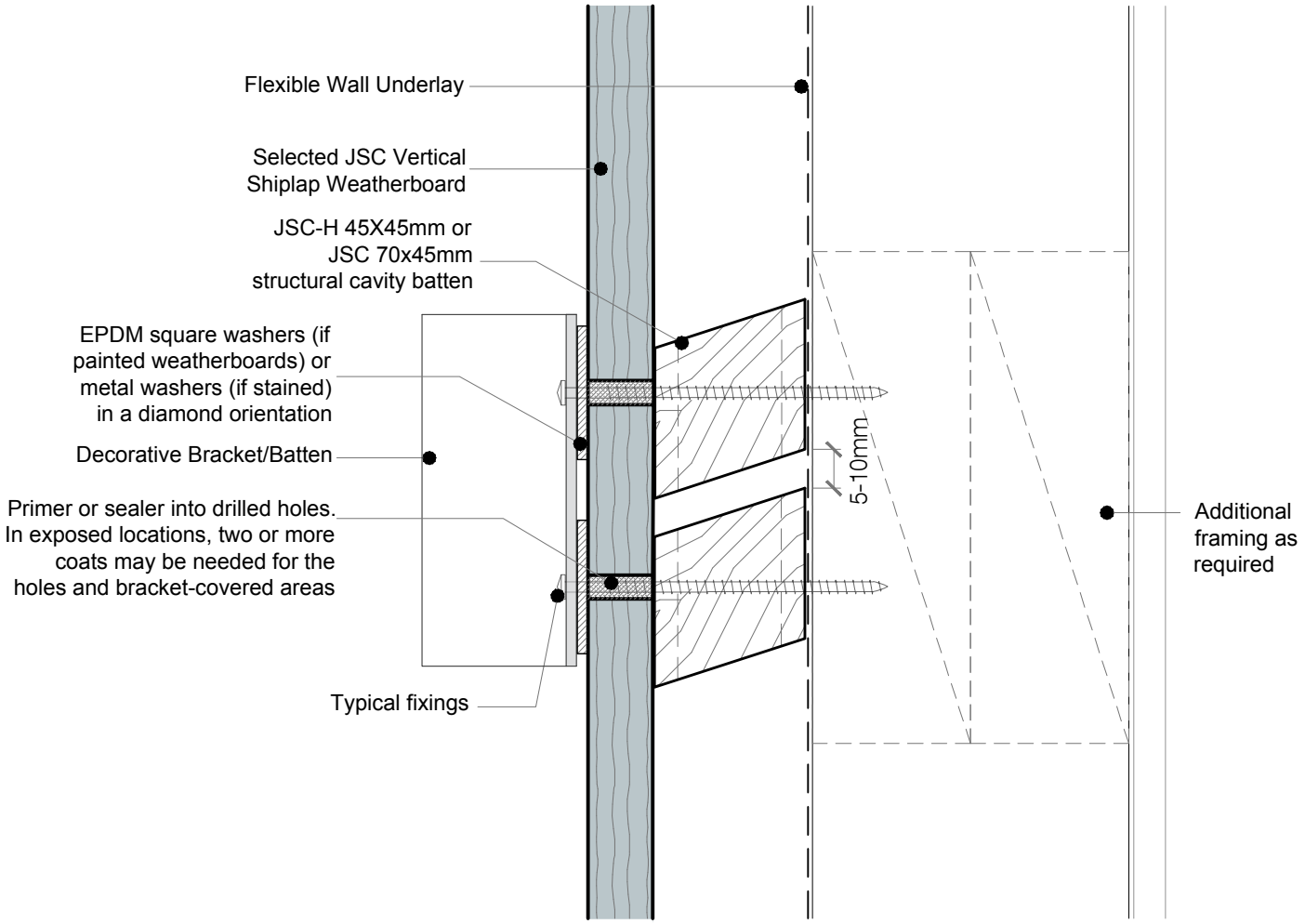
**TYPE**
VERTICAL SHIPLAP WB - 45mm CAVITY FIX

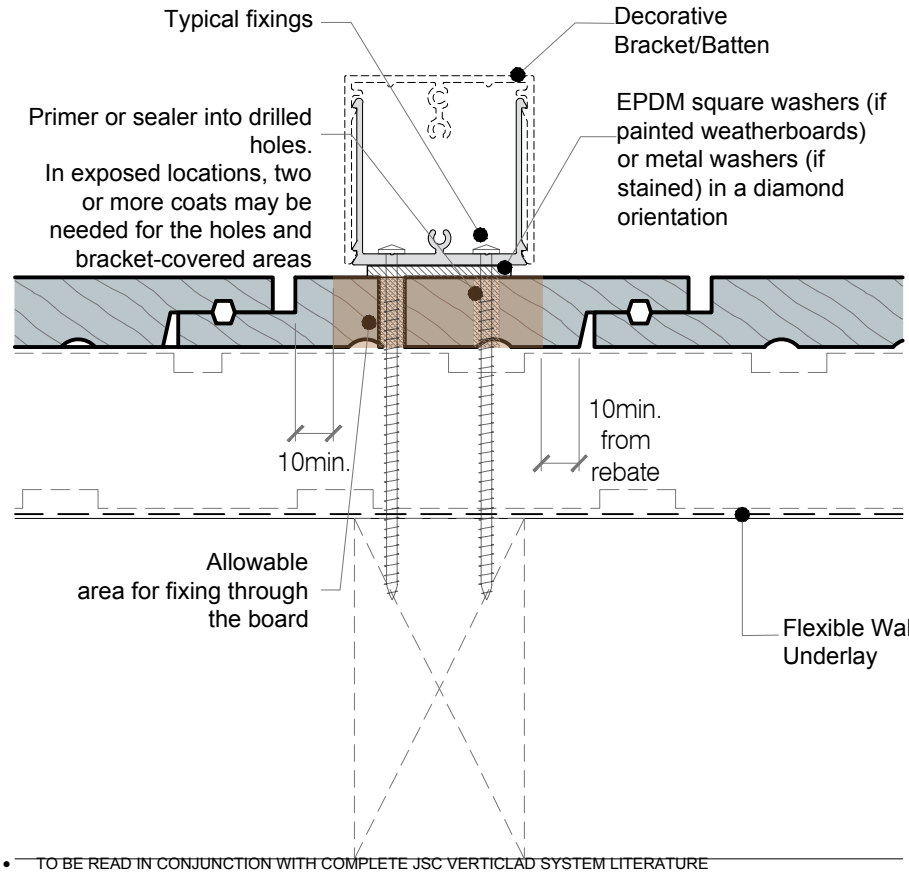
**NAME**
Parapet Detail

- DETAILS MAY BE SUBJECT TO CHANGE WITHOUT NOTICE

SCAN IT FOR MORE INFORMATION

| DRAWING SCALE | ISSUE DATE |
|---|---|
| NTS | 24/02/2025 |
| **DRAWING NUMBER** | **VERSION** |
| JSC 45CF VS75 | 2.5 |




NOTES:

- This detail is to show penetration through the cladding. Framing structure and fixings as per NZS3604:2011 or Specific engineered design.
- Refer to this detail as a principle rather than specific instruction.
- Durable and compatible materials as specified in E2/AS1 Tables 22 and 23.
- If bracket fixings interfere with weatherboard laps, consider an alternative, such as an offset bracket.
- Fixings should be sufficient for the load, with this detail intended for low to medium forces (decorative batten)

Any penetration or contact with the cladding should:

- Be coated for water resistance (e.g., two coats of stain).
- Be inspectable; avoid hidden high-risk penetrations.
- Be maintainable; brackets should be removable for inspection or treatment of weatherboards.

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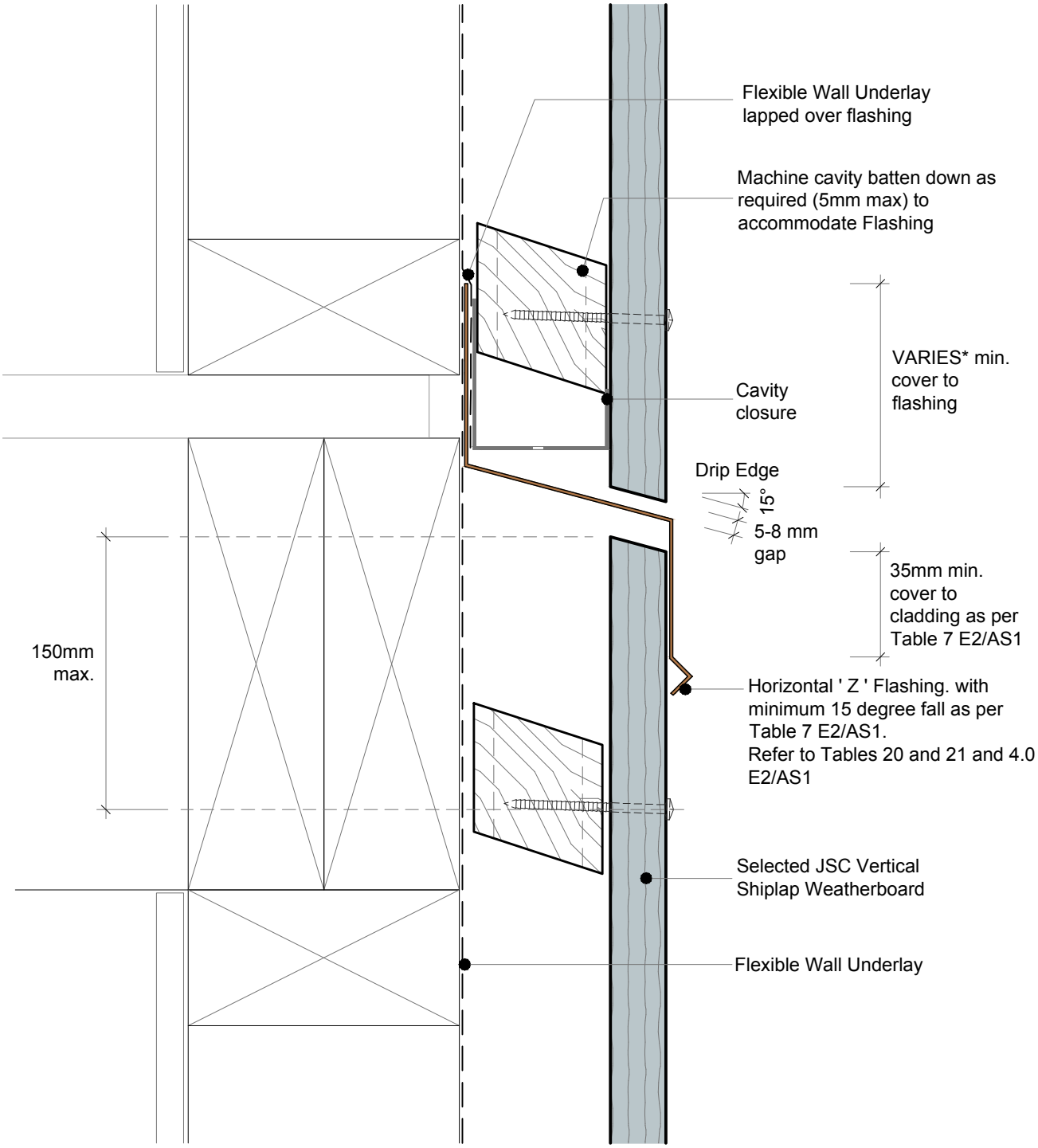
TYPE
VERTICAL SHIPLAP WB - 45mm CAVITY FIX

NAME
Decorative Bracket - Batten Detail

- DETAILS MAY BE SUBJECT TO CHANGE WITHOUT NOTICE

SCAN IT FOR MORE INFORMATION

| DRAWING SCALE | ISSUE DATE |
|---|---|
| NTS | 24/02/2025 |
| **DRAWING NUMBER** | **VERSION** |
| JSC 45CF VS77 | 2.5 |




*JSC recommends no hooks or hems. Therefore, the flashing upstand dimensions must be increased by 25 mm in accordance with E2/AS1, Section 4.5.1

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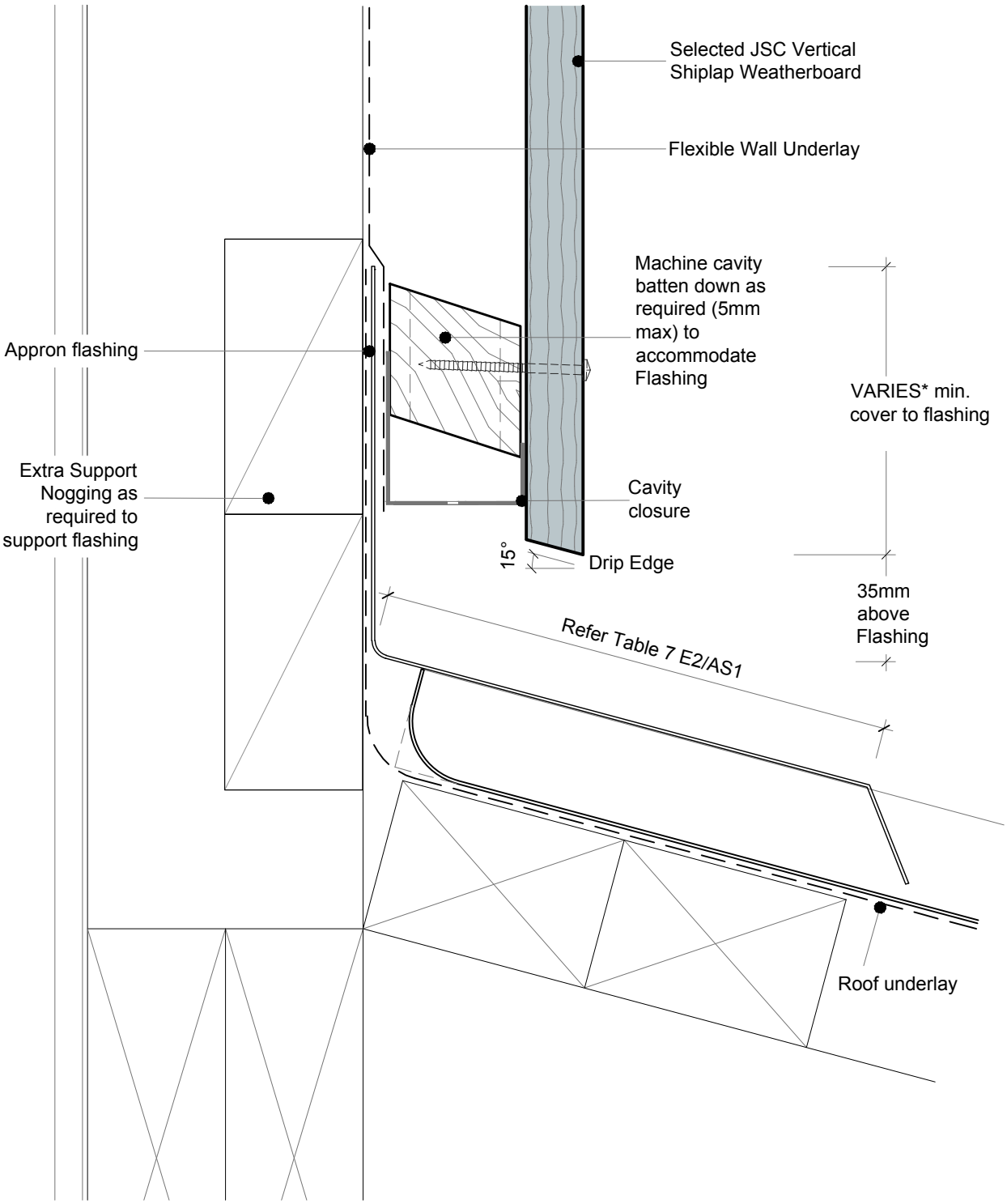
**TYPE**
VERTICAL SHIPLAP WB - 45mm CAVITY FIX

**NAME**
Inter Storey Joint

- DETAILS MAY BE SUBJECT TO CHANGE WITHOUT NOTICE

SCAN IT FOR MORE INFORMATION

| DRAWING SCALE | ISSUE DATE |
|---|---|
| 1:2 @ A4 | 24/02/2025 |
| **DRAWING NUMBER** | **VERSION** |
| JSC 45CF VS80 | 2.5 |

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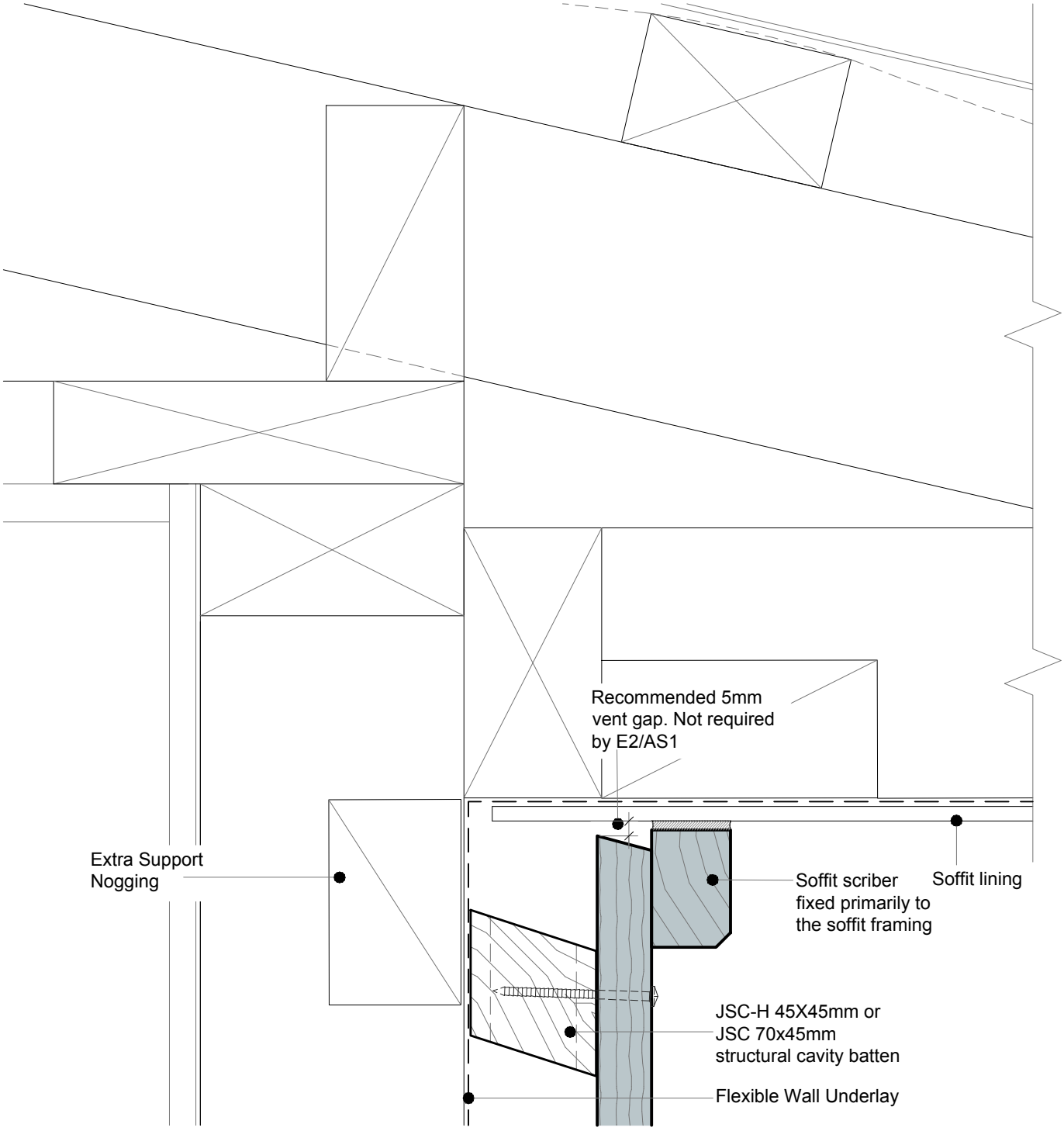
**TYPE**
VERTICAL SHIPLAP WB - 45mm CAVITY FIX

**NAME**
Apron Flashing Roof To Wall Junction

- DETAILS MAY BE SUBJECT TO CHANGE WITHOUT NOTICE

SCAN IT FOR MORE INFORMATION

| DRAWING SCALE | ISSUE DATE |
|---|---|
| 1:2 @ A4 | 24/02/2025 |
| **DRAWING NUMBER** | **VERSION** |
| JSC 45CF VS81 | 2.5 |

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**TYPE**
VERTICAL SHIPLAP WB - 45mm CAVITY FIX

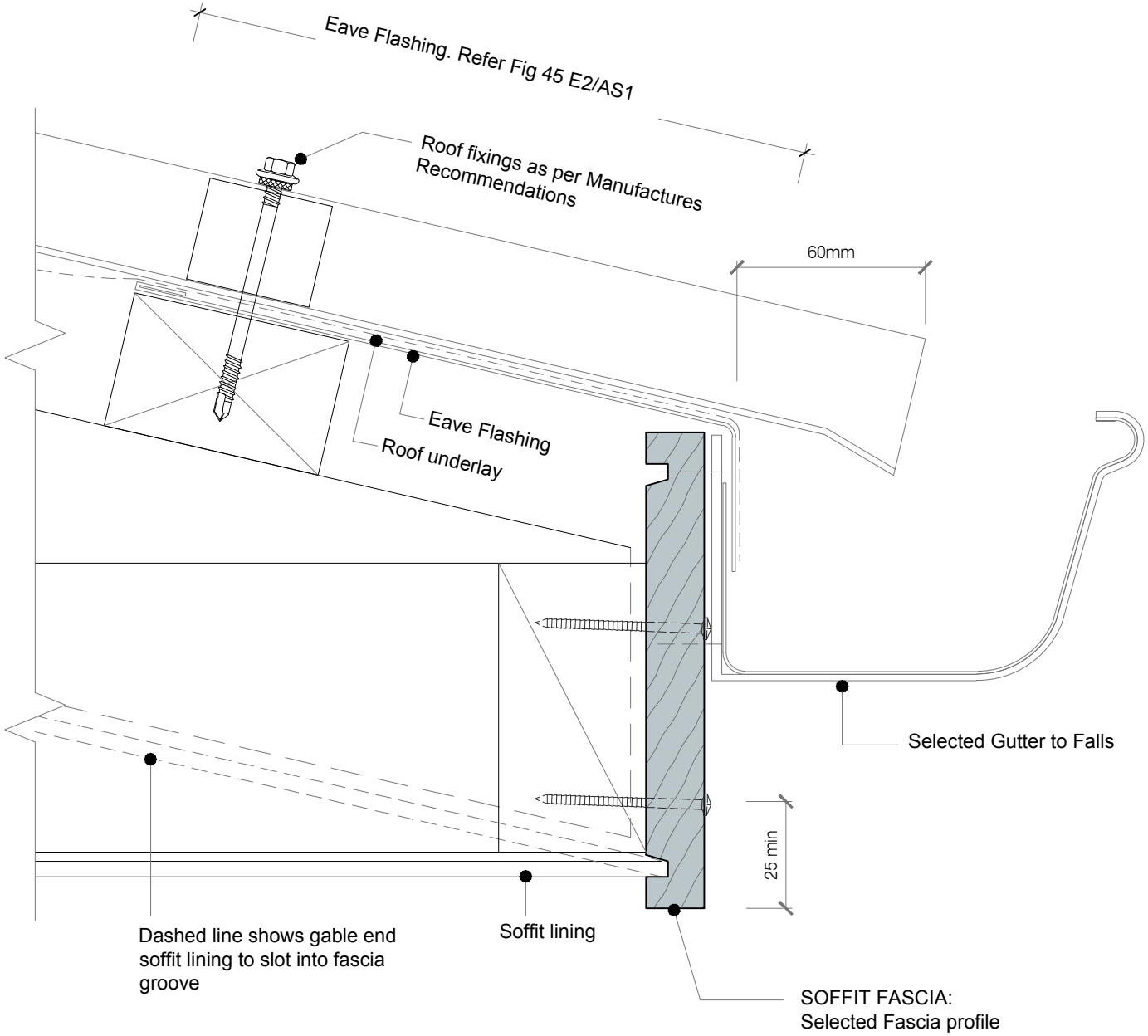
**NAME**
Soffit Detail at Wall

- DETAILS MAY BE SUBJECT TO CHANGE WITHOUT NOTICE

SCAN IT FOR MORE INFORMATION

| DRAWING SCALE | ISSUE DATE |
|---|---|
| 1:2 @ A4 | 24/02/2025 |
| **DRAWING NUMBER** | **VERSION** |
| JSC 45CF VS82 | 2.5 |

Flashing Required When
1. Roof Pitch 10° or less
2. Soffit 100mm or less
3. Wind Zone VH or EH

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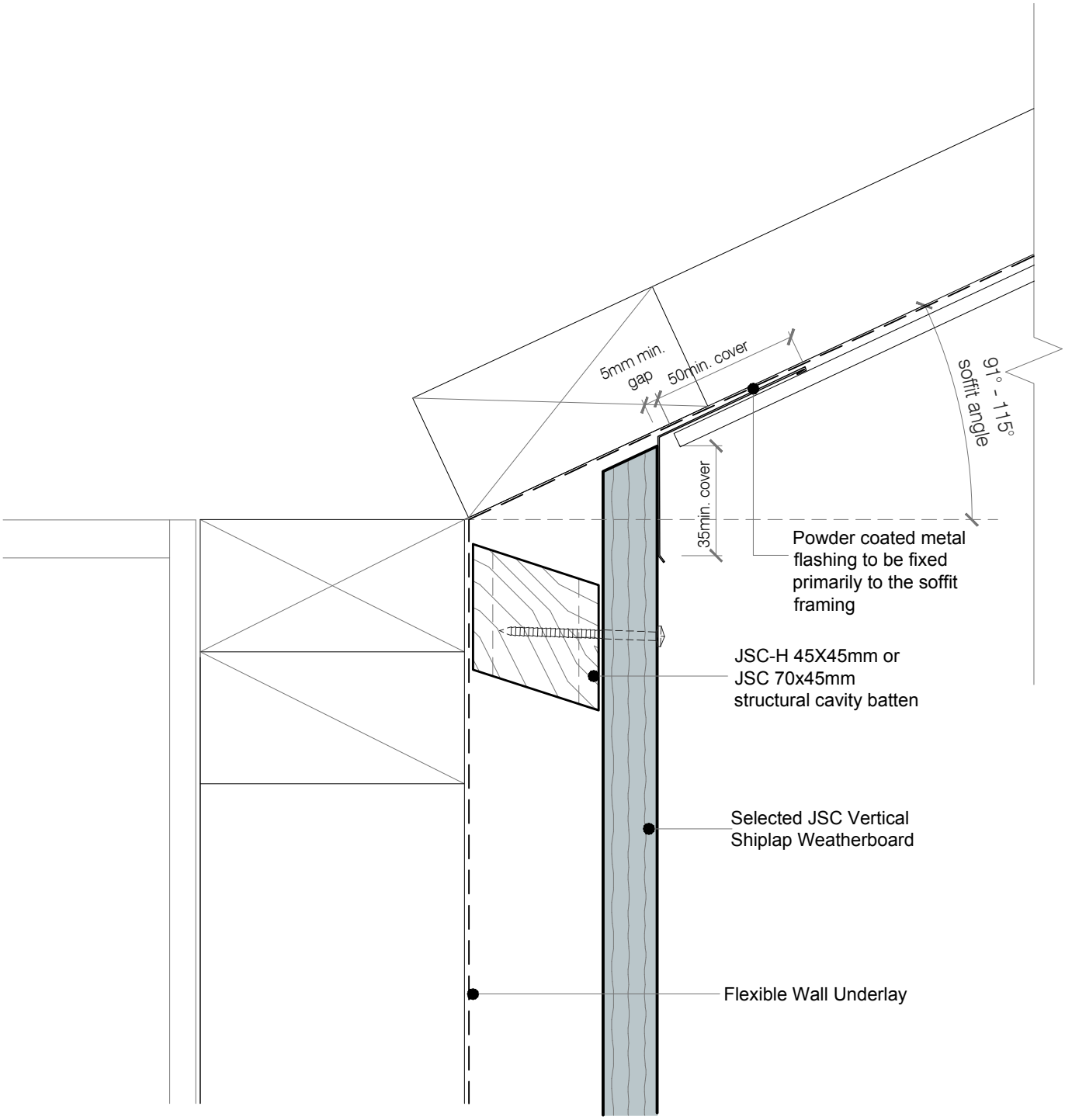
**TYPE**
VERTICAL SHIPLAP WB - 45mm CAVITY FIX

**NAME**
Soffit Detail at Fascia

- DETAILS MAY BE SUBJECT TO CHANGE WITHOUT NOTICE

SCAN IT FOR MORE INFORMATION

| DRAWING SCALE | ISSUE DATE |
|---|---|
| 1:2 @ A4 | 24/02/2025 |
| **DRAWING NUMBER** | **VERSION** |
| JSC 45CF VS83 | 2.5 |

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CodeMark CMNZ30084

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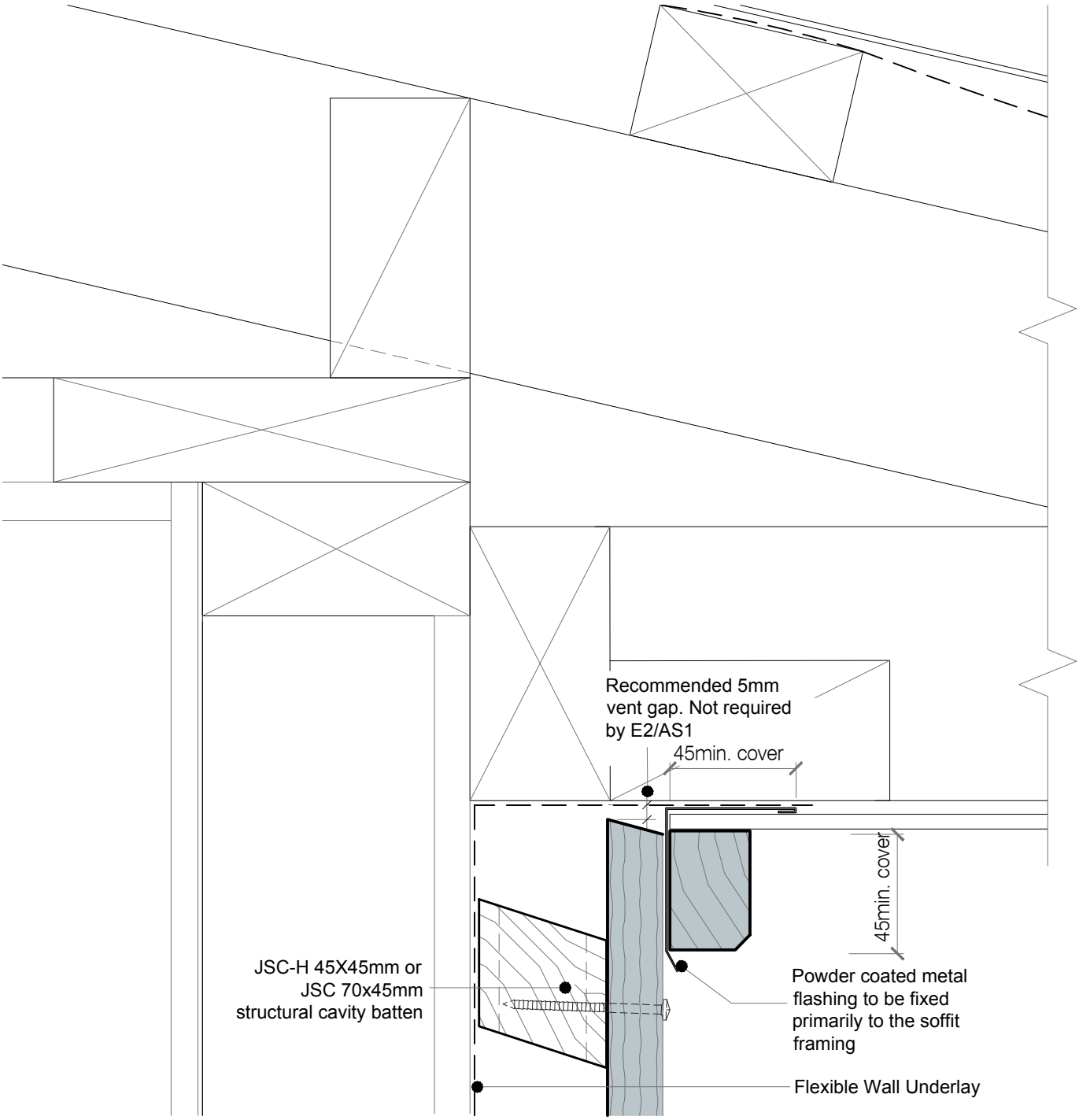
**TYPE**
VERTICAL SHIPLAP WB - 45mm CAVITY FIX

**NAME**
Raking Soffit Detail at Wall

- DETAILS MAY BE SUBJECT TO CHANGE WITHOUT NOTICE

SCAN IT FOR MORE INFORMATION

| DRAWING SCALE | ISSUE DATE |
|---|---|
| 1:2 @ A4 | 24/02/2025 |
| **DRAWING NUMBER** | **VERSION** |
| JSC 45CF VS84 | 2.5 |




DETAIL NOTES :

1. 45° max. fall along soffit juntion
2. Refer to BRANZ Build 158-27 - Build Right Soffit Details at Gable Verge

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**TYPE**
VERTICAL SHIPLAP WB - 45mm CAVITY FIX

**NAME**
Gable Soffit Detail at Wall

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SCAN IT FOR MORE INFORMATION

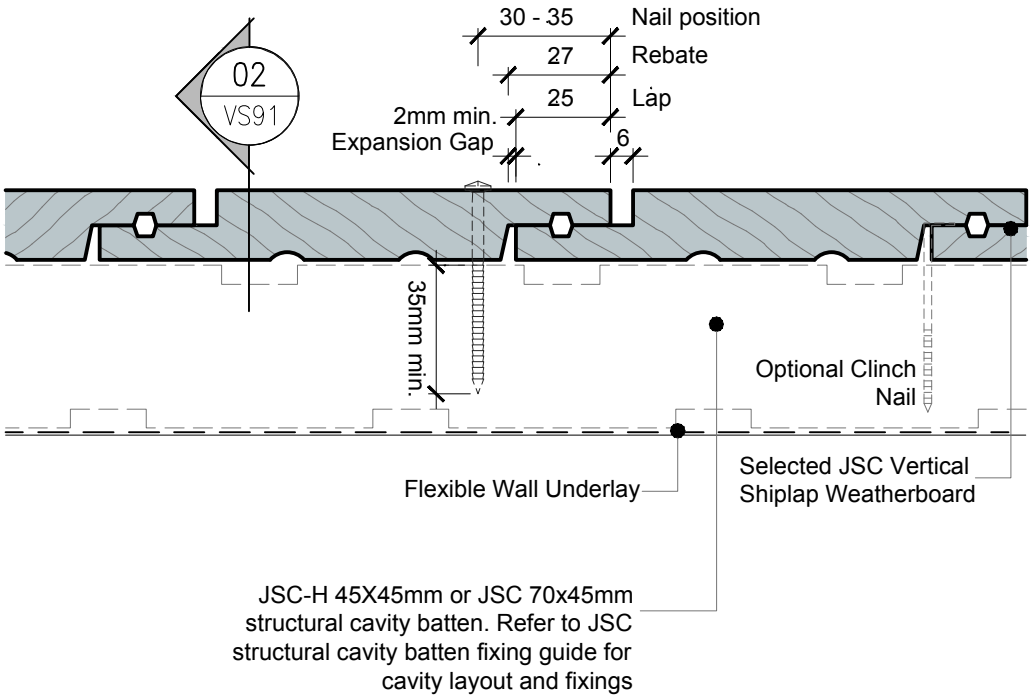
| DRAWING SCALE | ISSUE DATE |
|---|---|
| 1:2 @ A4 | 24/02/2025 |
| **DRAWING NUMBER** | **VERSION** |
| JSC 45CF VS85 | 2.5 |

Weatherboards:

- Single fix at each cavity batten with annular grooved nails (stainless steel 316 or silicon bronze) as per NZBC E2/AS1 Table 24
- Pre-drill holes approximately 1mm smaller than the nail gauge. Example: For a 75mm nail, use a 2.5mm drill
- Nailed with slight (2°+) upward slope
- Fixings to achieve a minimum of 35mm penetration into the cavity battens
- Minimum 50mm from the ends of boards
- Use an accurate packer in the negative detail. Do not rely on clinch nails for spacing

Cavity battens

- Will be fixed structurally to the framing. The fixings must achieve a minimum fixing tension of 1.8kN to 2.2kN. Refer to JSC Structural Cavity Batten fixing guide
- Must always be installed sloping away from the framing
- Must have a 5-10mm gap between them




## Plan Section 01

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TYPE
VERTICAL SHIPLAP WB - 45mm CAVITY FIX

NAME
Weatherboard Fixing - Plan Section

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SCAN IT FOR MORE INFORMATION

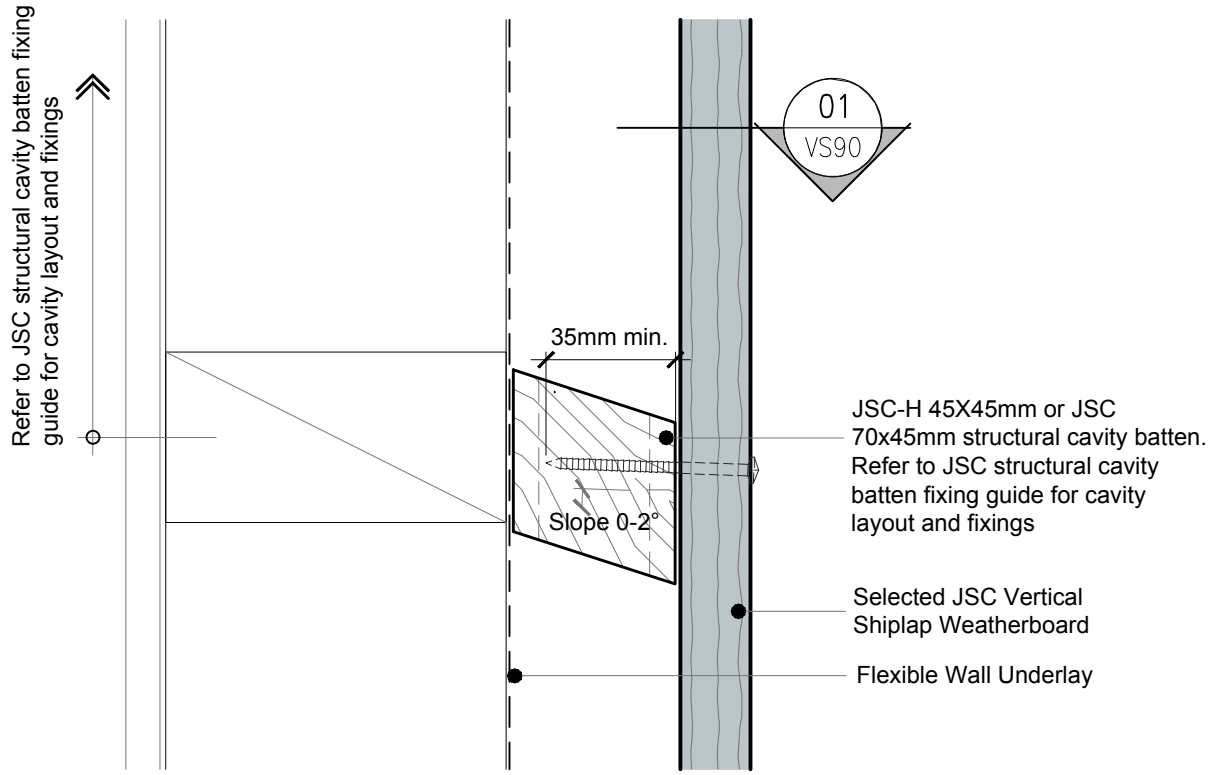
| DRAWING SCALE | ISSUE DATE |
|---|---|
| 1:2 @ A4 | 24/02/2025 |
| DRAWING NUMBER | VERSION |
| JSC 45CF VS90 | 2.5 |

Weatherboards:

- Single fix at each cavity batten with annular grooved nails (stainless steel 316 or silicon bronze) as per NZBC E2/AS1 Table 24
- Pre-drill holes approximately 1mm smaller than the nail gauge. Example: For a 75mm nail, use a 2.5mm drill
- Nailed with slight (2°+) upward slope
- Fixings to achieve a minimum of 35mm penetration into the cavity battens
- Minimum 50mm from the ends of boards
- Use an accurate packer in the negative detail. Do not rely on clinch nails for spacing

Cavity battens

- Will be fixed structurally to the framing. The fixings must achieve a minimum fixing tension of 1.8kN to 2.2kN. Refer to JSC Structural Cavity Batten fixing guide
- Must always be installed sloping away from the framing
- Must have a 5-10mm gap between them




## Cross Section 02

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**TYPE**
VERTICAL SHIPLAP WB - 45mm CAVITY FIX

**NAME**
Weatherboard Fixing - Cross Section

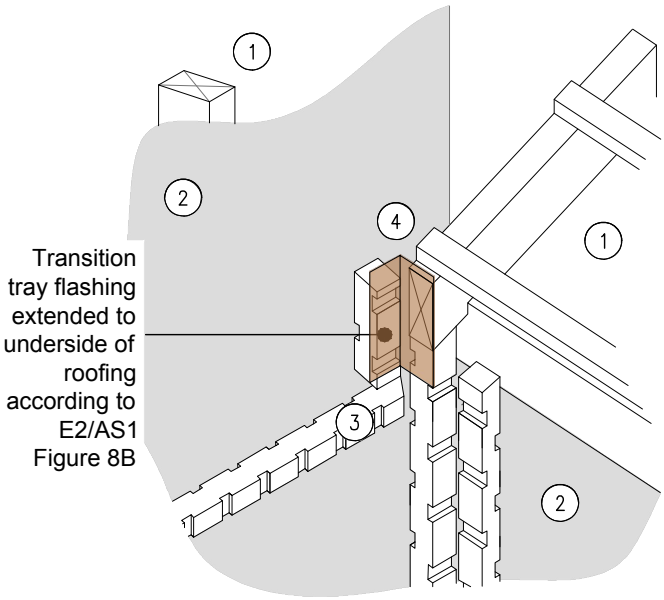
- DETAILS MAY BE SUBJECT TO CHANGE WITHOUT NOTICE

SCAN IT FOR MORE INFORMATION

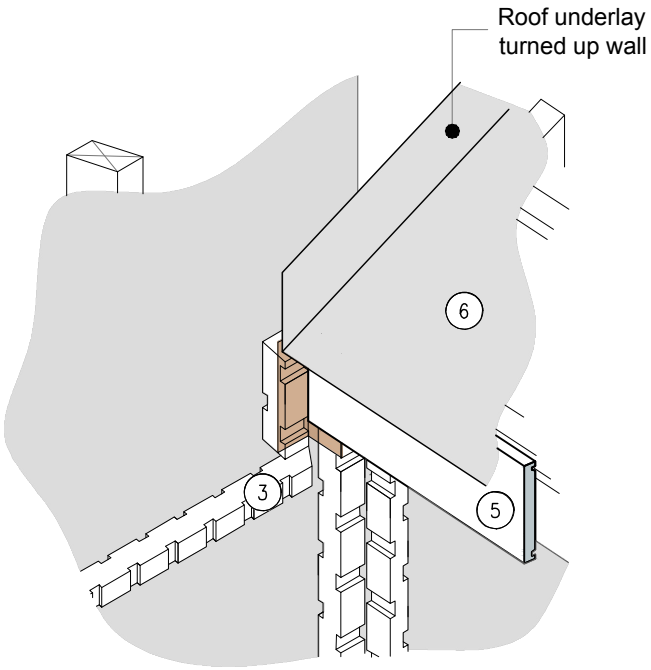
| DRAWING SCALE | ISSUE DATE |
|---|---|
| 1:2 @ A4 | 24/02/2025 |
| **DRAWING NUMBER** | **VERSION** |
| JSC 45CF VS91 | 2.5 |

SEQUENCE :

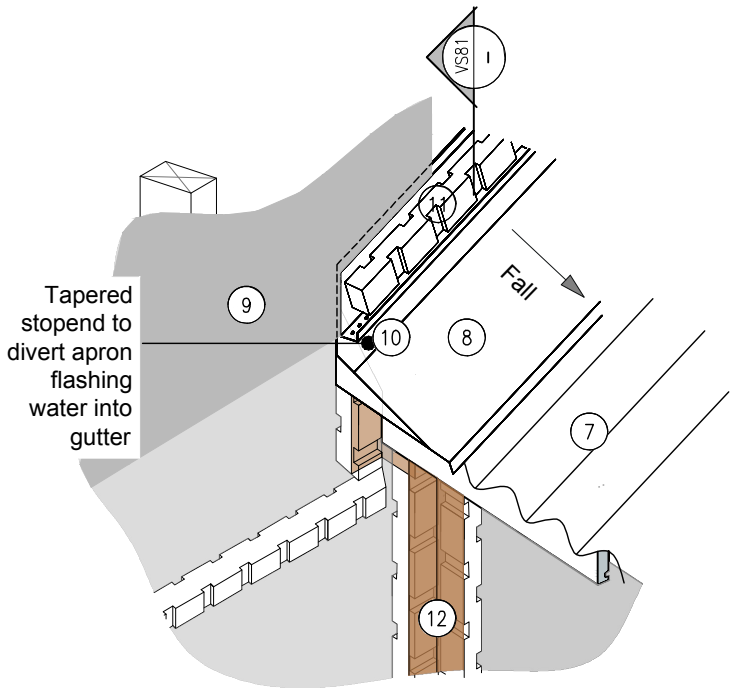
1. Roof and Wall Framing
2. Wall Underlay
3. Cavity Battens
4. Transition Flashing
5. Fascia Board
6. Roof Underlay
7. Roofing
8. Apron Flashing
9. Wall Underlay (lap over Apron Flashing)
10. Cavity Closure
11. Cavity Battens (above Apron Flashing)
12. Corner Flashing
13. Cladding
14. Gutter



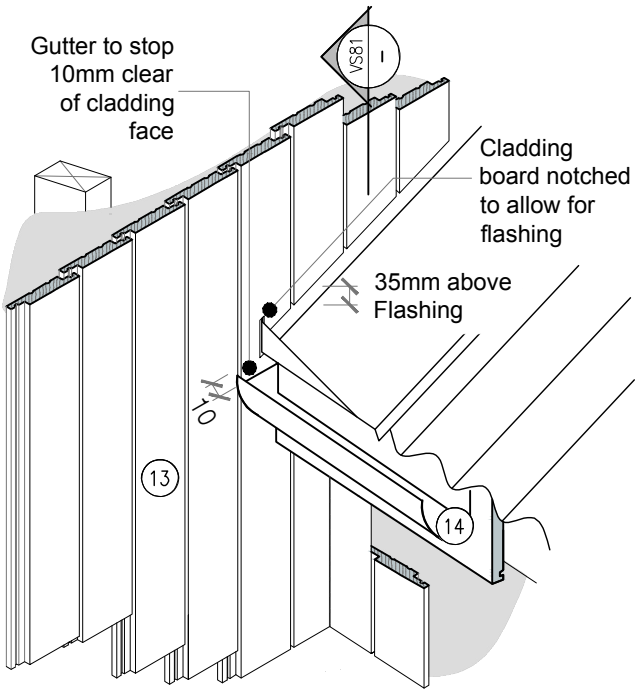

STAGE ONE




STAGE TWO




STAGE THREE




STAGE FOUR

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**TYPE**
VERTICAL SHIPLAP WB - 45mm CAVITY FIX

**NAME**
Apron Flashing Gutter to Wall Junction

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| DRAWING SCALE | ISSUE DATE |
|---|---|
| 1:2 @ A4 | 24/02/2025 |
| **DRAWING NUMBER** | **VERSION** |
| JSC 45CF VS92 | 2.5 |