



# JSC VertiClad

Vertical Shiplap Weatherboard Cladding  
45mm Cavity on Flexible Underlay

Version 1.2 | 12/02/2024



PREMIUM ARCHITECTURAL  
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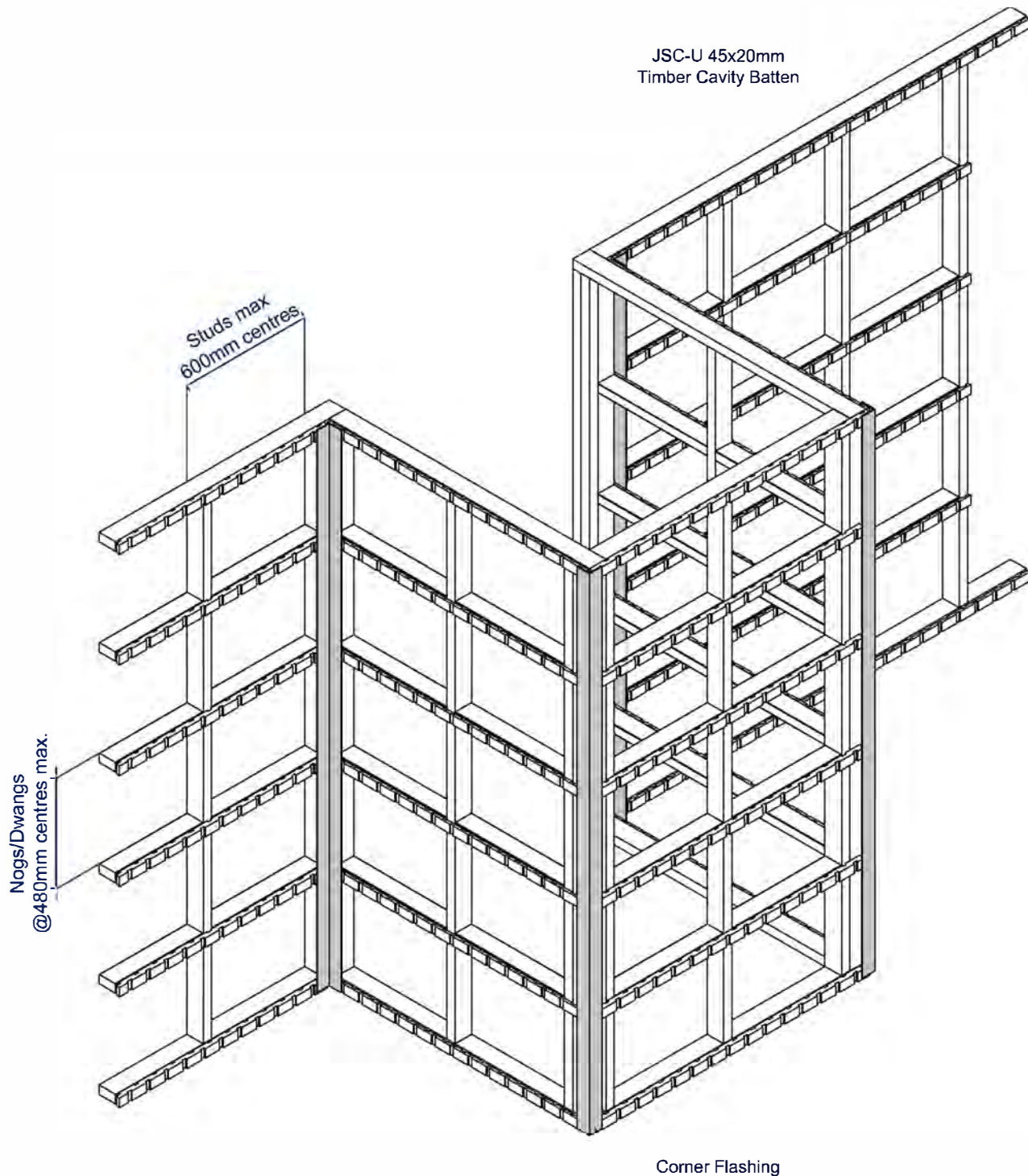
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### 20mm Cavity Setout Guide Fixed Horizontally

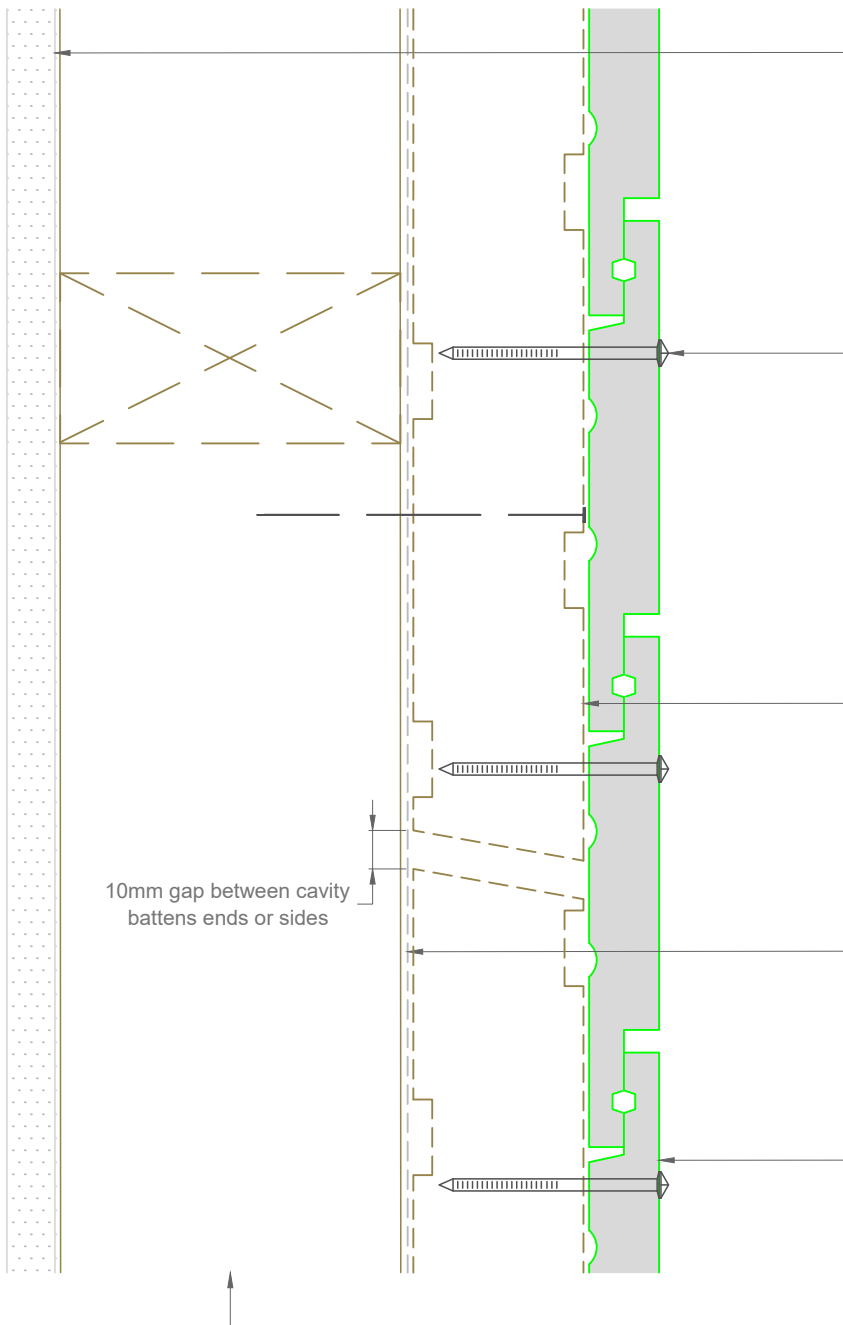
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## 20mm Cavity Batten Setout fixed Horizontally



**Note: This setout guide is for fixing JSC-U 45x20 mm Cavity Battens for Vertical weatherboard cladding**

## Plan View



Interior lining or use rigid wall underlay for unlined walls such as gable ends. See NZBC/E2 paragraph 9.1.4

Single fix at each nog with annular grooved stainless steel or silicon bronze nails as per NZBC/E2 Table 24

- Pre-drilled 1mm diameter smaller than nail gauge
- Nailed with a 2° upward slope
- 35mm min penetration into battens
- Nailed 10mm away from the edge of the lower board (35-40 mm from the edge of the board)
- Minimum 50mm from ends of boards except where shown otherwise

JSC-H H3.2 45x45mm treated timber castellated cavity batten

- 10mm gap between battens
- Always slope away from wall
- See JSC structural cavity batten fixing guide

Flexible or rigid wall underlay to comply with NZBC/E2 Table 23 installed to manufacturers specifications

JSC vertical shi lap weatherboard

- coated with approved suitable coating to all 4 sides and ends prior to installation
- 2mm expansion gap at the under lap

Framing to NZS 3604 or "fit for purpose"

**Note:** To be read in conjunction with complete JSC installation instructions • Details may be subject to change without notification

## Sectional Detail

**JV-F45-SEC01**

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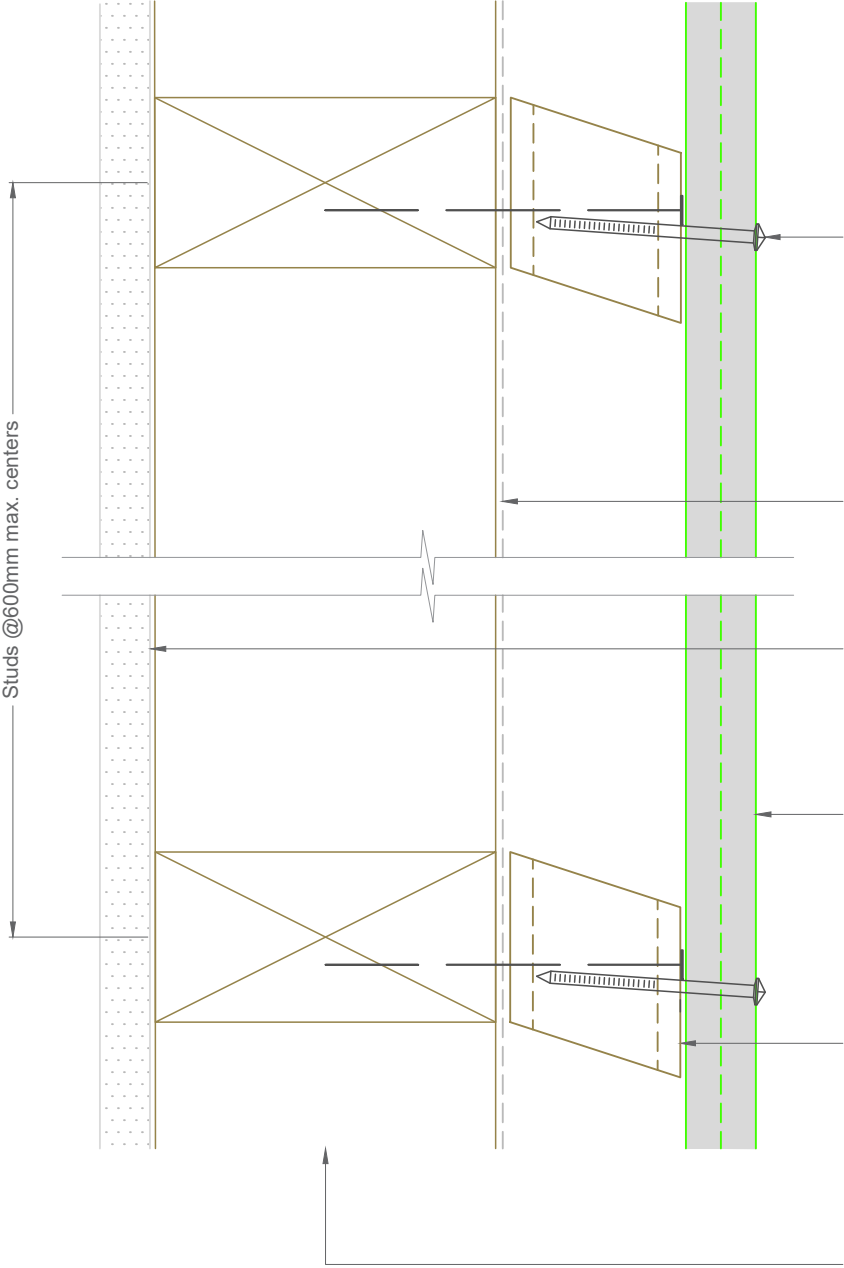
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# Cross Section View



Single fix at each stud with annular grooved stainless steel or silicon bronze nails as per NZBC/E2 Table 24

- Pre-drilled 1mm diameter smaller than nail gauge
- Nailed with a 2° upward slope
- 35mm min penetration into structural cavity batten
- Minimum 50mm from ends of boards except where shown otherwise

Flexible or Rigid wall underlay to comply with NZBC/E2 Table 23 installed to manufacturers specifications

Interior lining or use rigid wall underlay for unlined walls such as gable ends.  
See NZBC/E2 Paragraph 9.1.4

Selected Vertical Shiplap Weatherboard coated with approved coating to all 4 sides and ends before and during installation

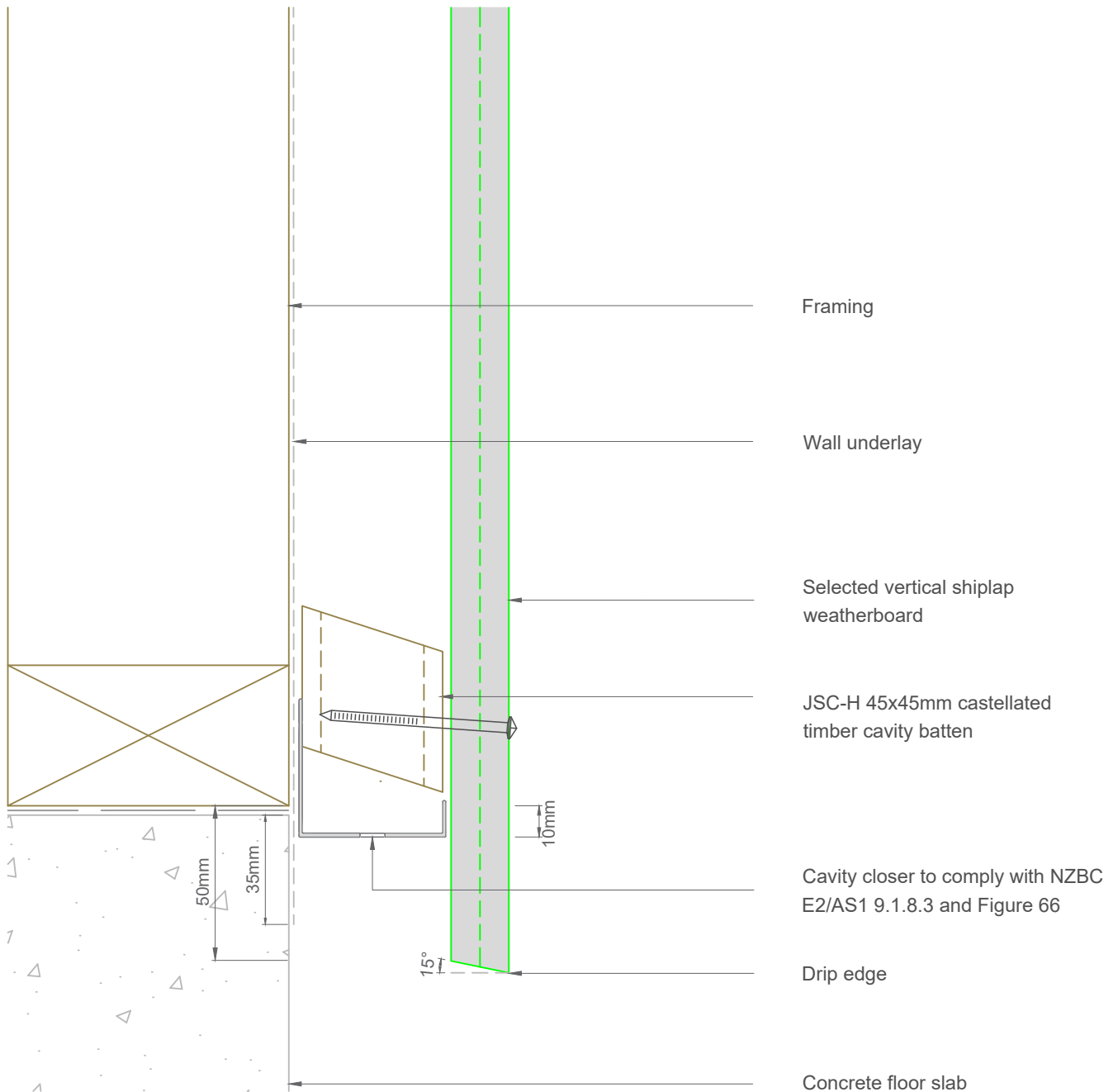
JSC-H H3.2 45x45mm treated timber castellated cavity batten

- Keep 10mm gap between the cavity battens except at bottom plate
- Cut ends of vertical battens to slope away from wall (10-15°)
- See JSC structural battens fixing guide

Framing to NZS 3604 or "fit for purpose"

**Note:** To be read in conjunction with complete JSC installation instructions • Details may be subject to change without notification

<b>Sectional Detail</b>	<b>JV-F45-SEC02</b>	<b>Scale:</b> 1:2 <b>Date:</b> 12/02/2024
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Note:- Maintain ground clearance as per NZBC/E2 paragraph 9.1.3.3 and Table 18

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## Bottom Plate Detail

**JV-F45-01**

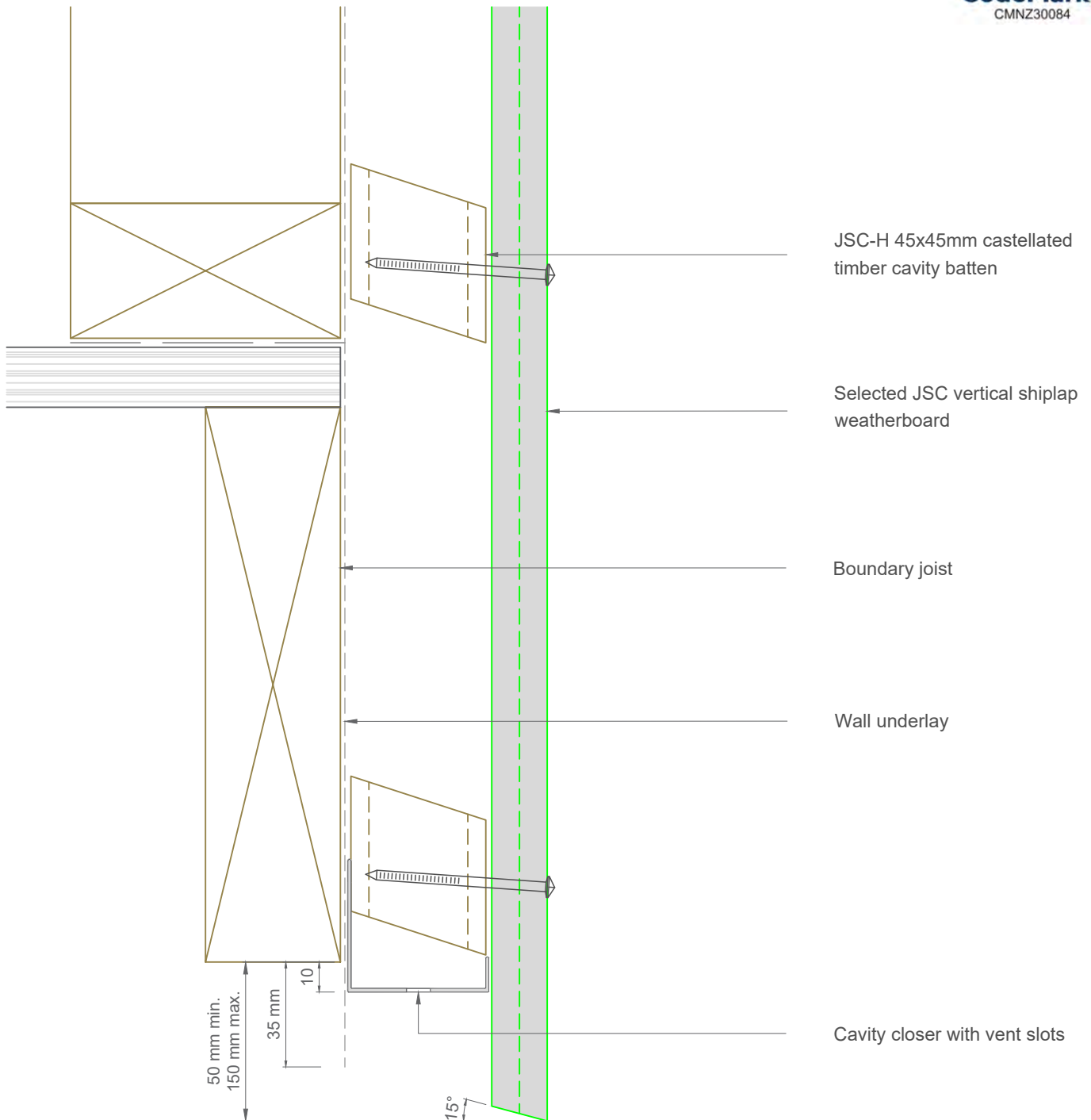
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Note:- Maintain ground clearance as per NZBC/E2 paragraph 9.1.3.3 and Table 18

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## Bottom Plate on Timber Detail

**JV-F45-01A**

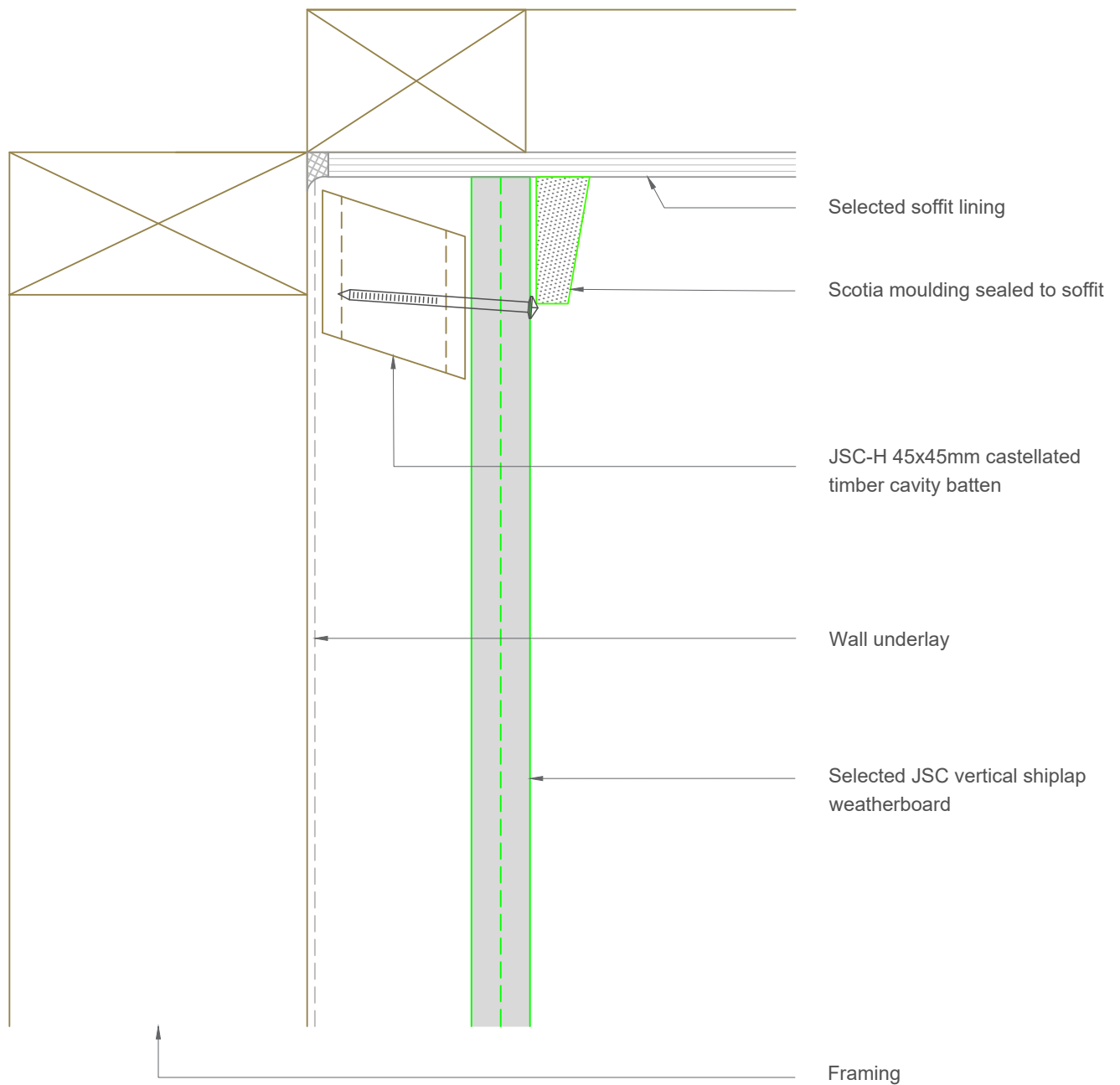
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## Top Plate Soffit Detail

**JV-F45-02**

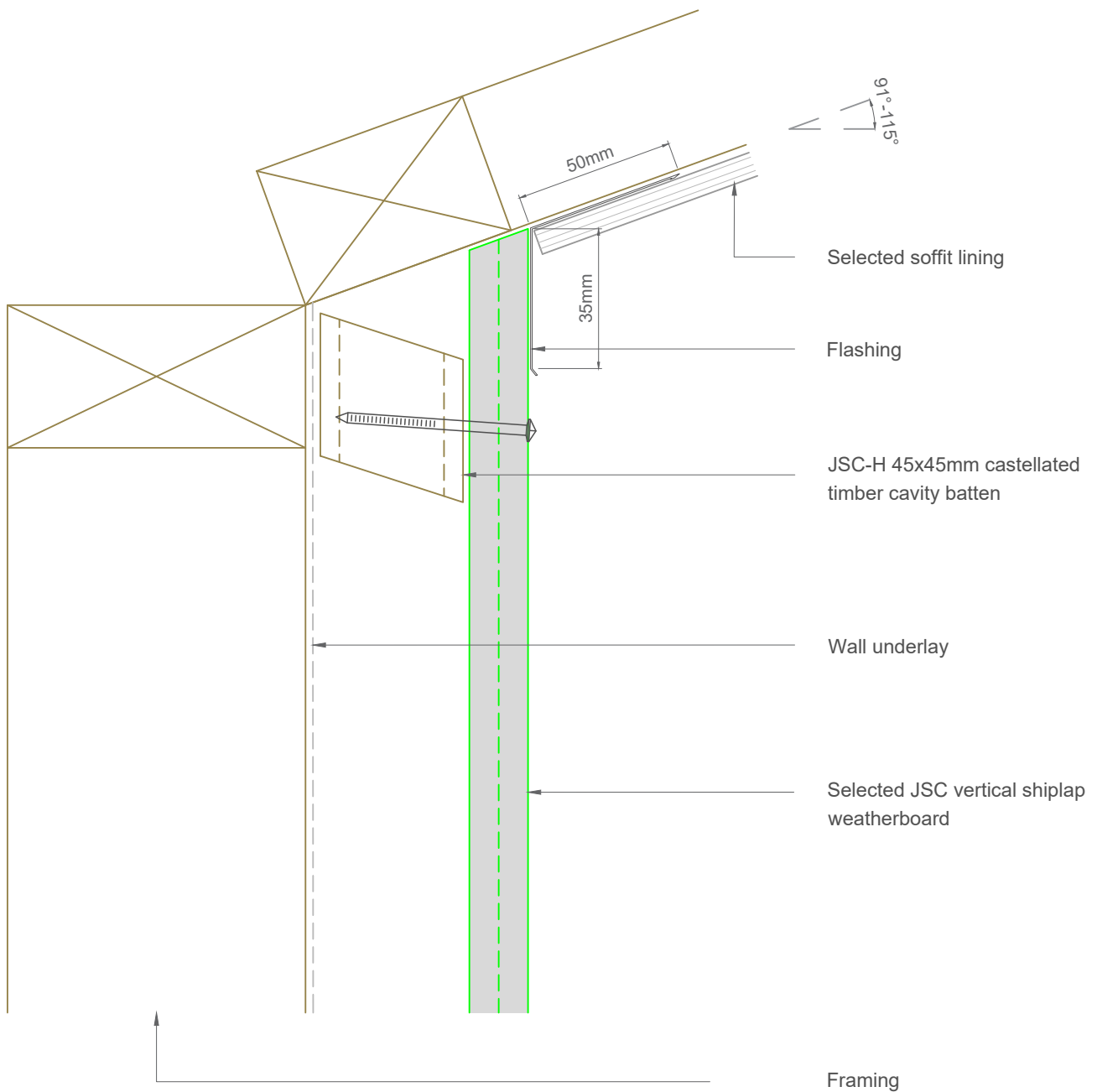
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## Raking Soffit Detail

**JV-F45-03**

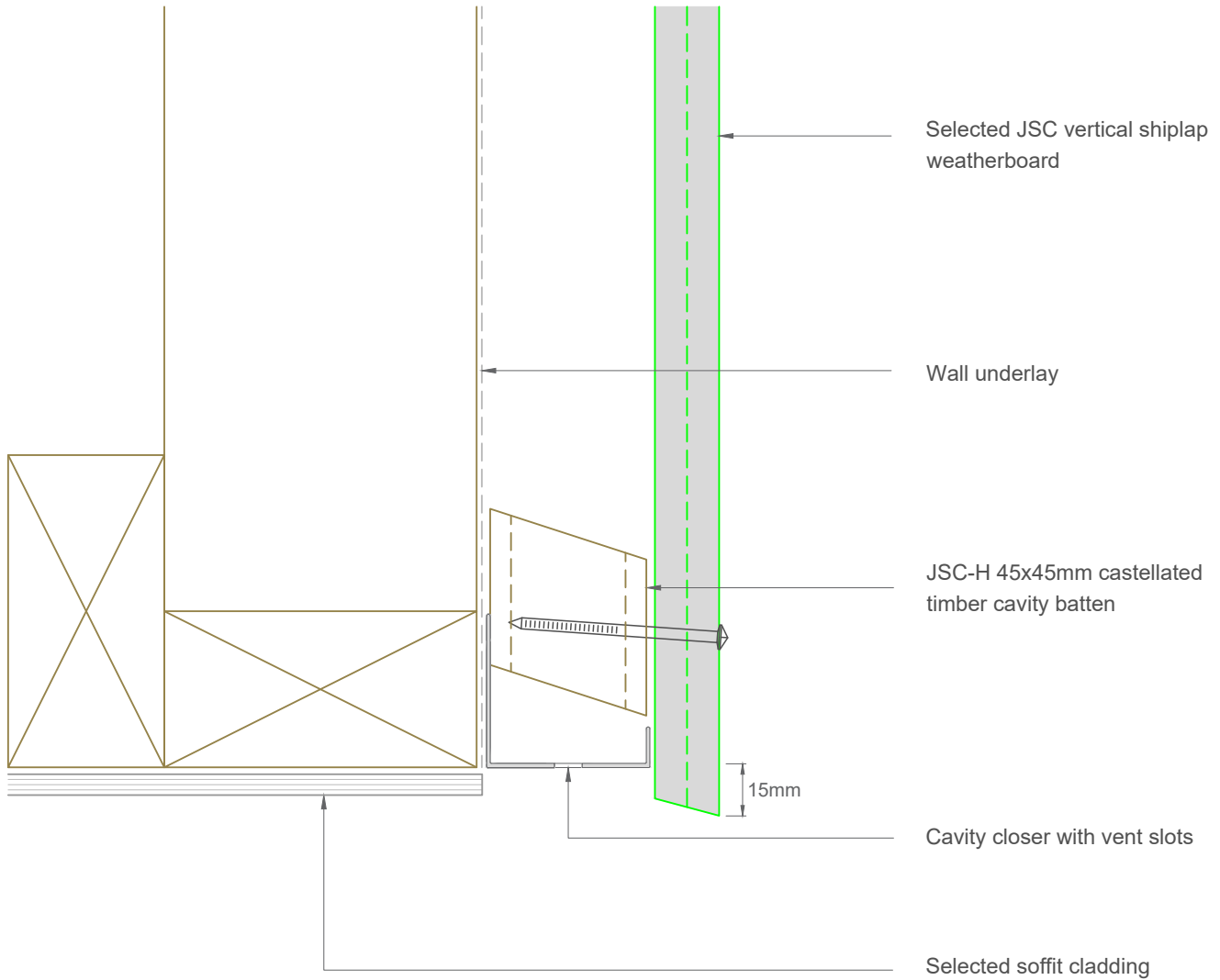
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## Bottom Plate Soffit Detail

**JV-F45-04**

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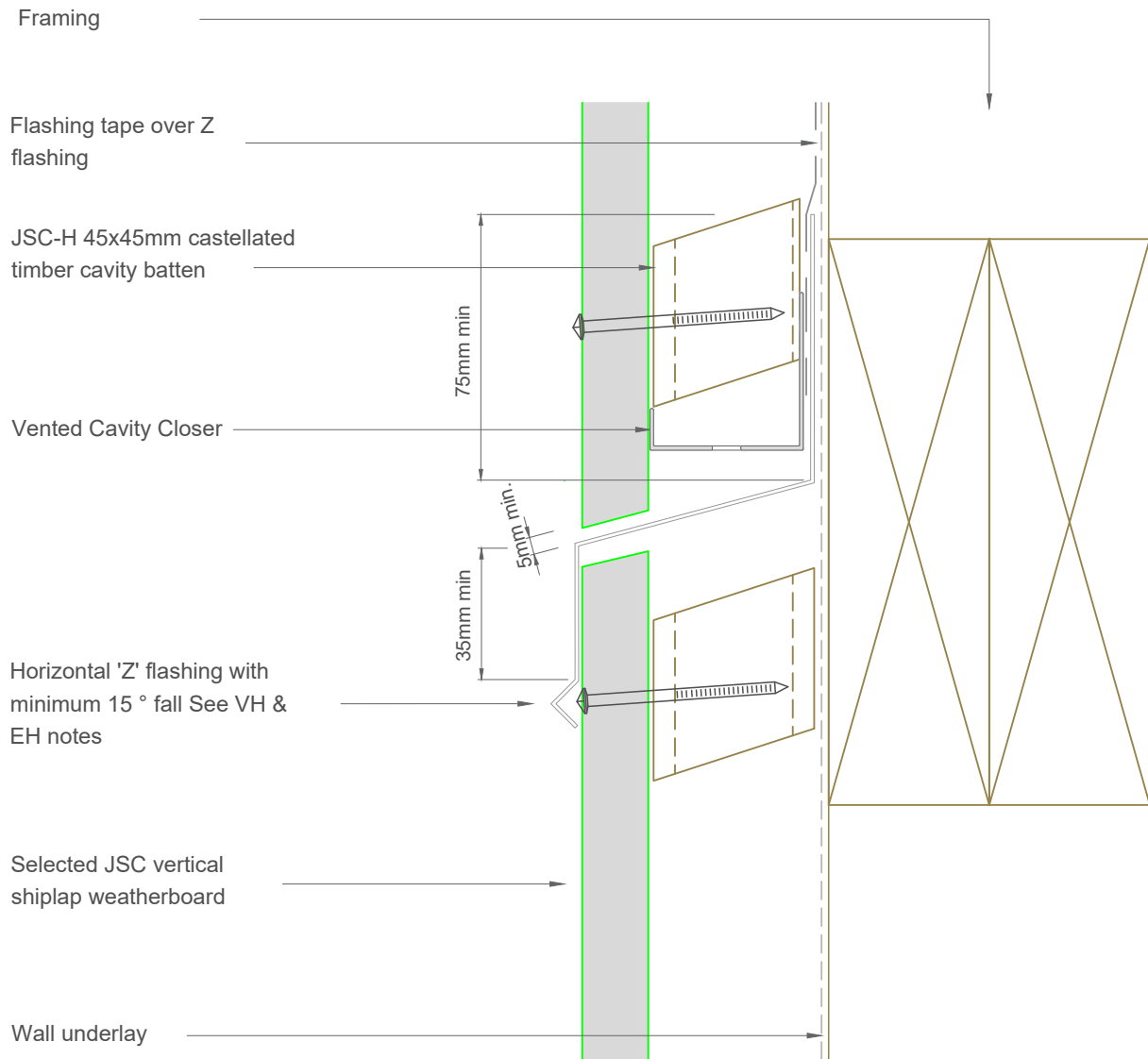
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## Inter Storey Junction Detail

**JV-F45-05**

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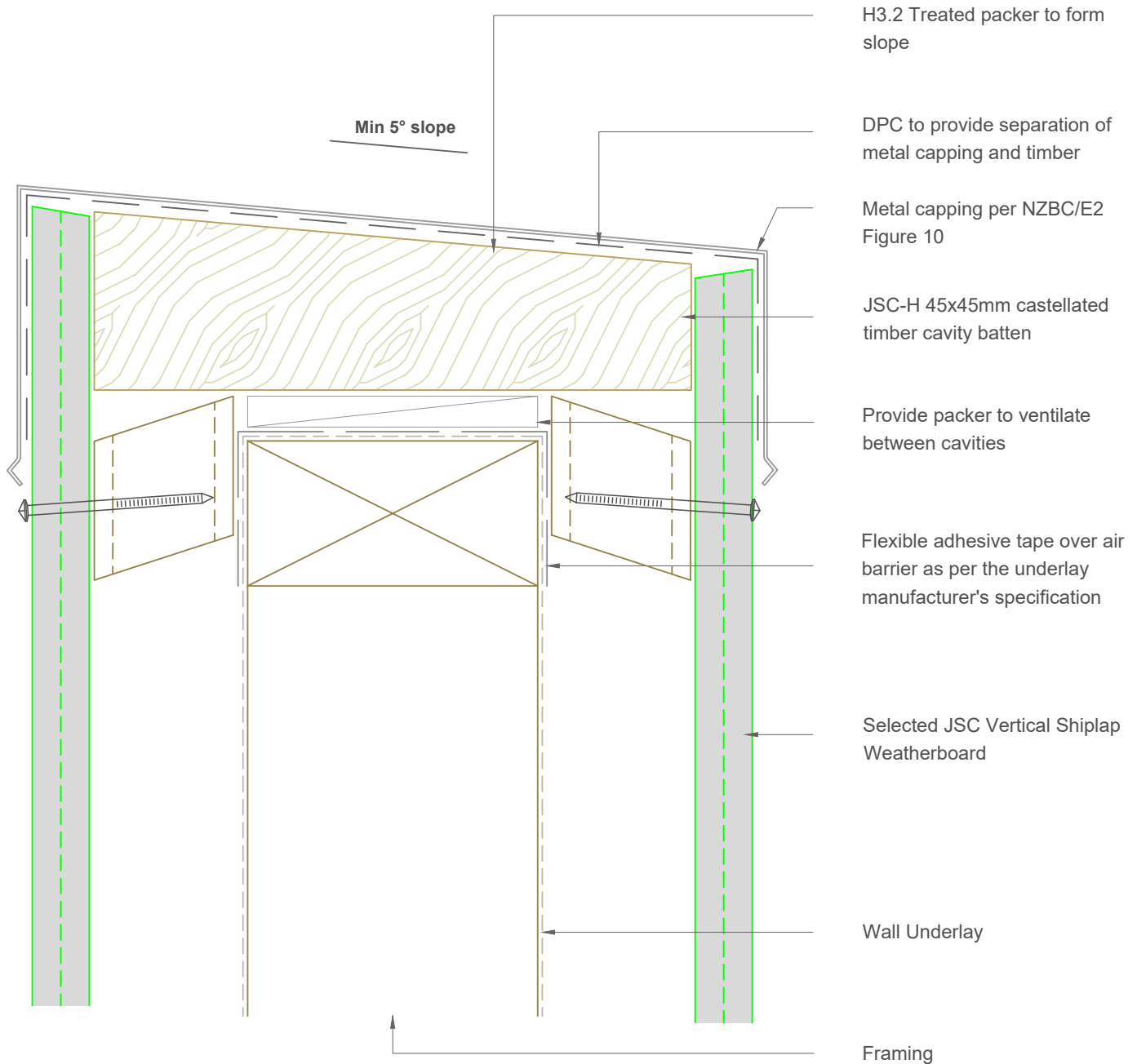
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Note:- Parapet Design & installation should comply to NZBC/E2 Section 6

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## Parapet Detail

**JV-F45-06**

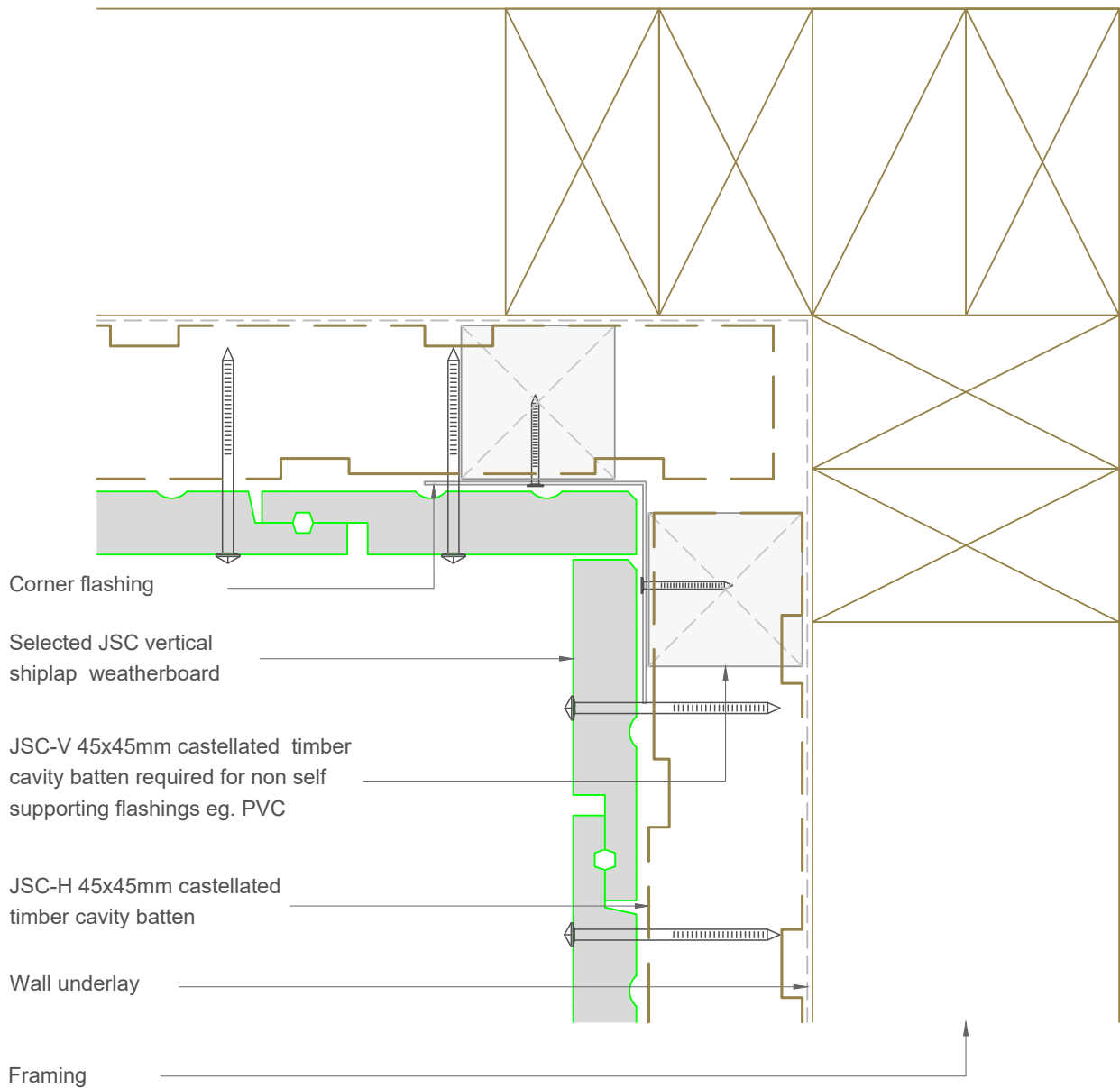
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## Internal Corner Detail

**JV-F45-10**

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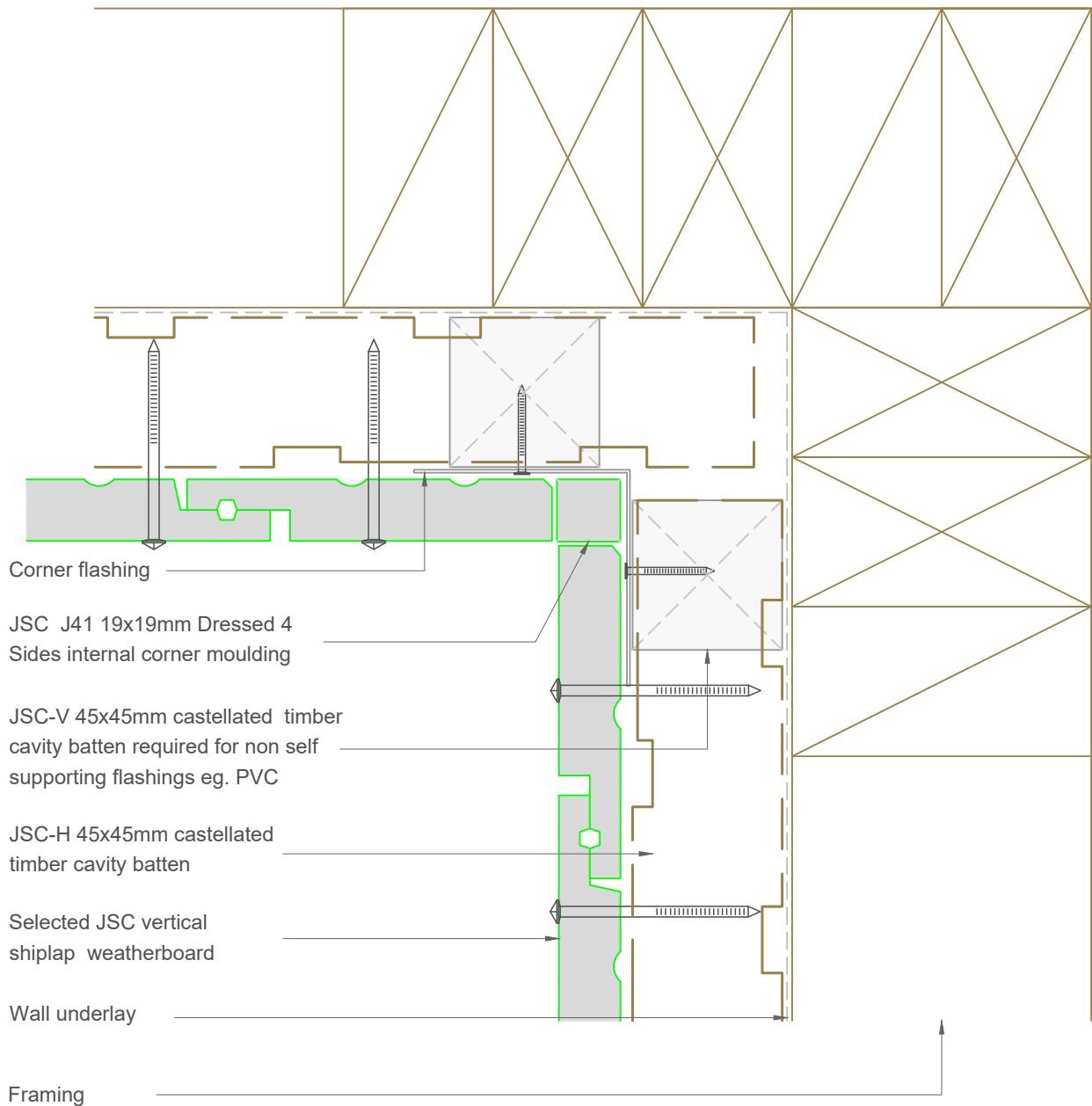
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## Internal Corner Detail

**JV-F45-11**

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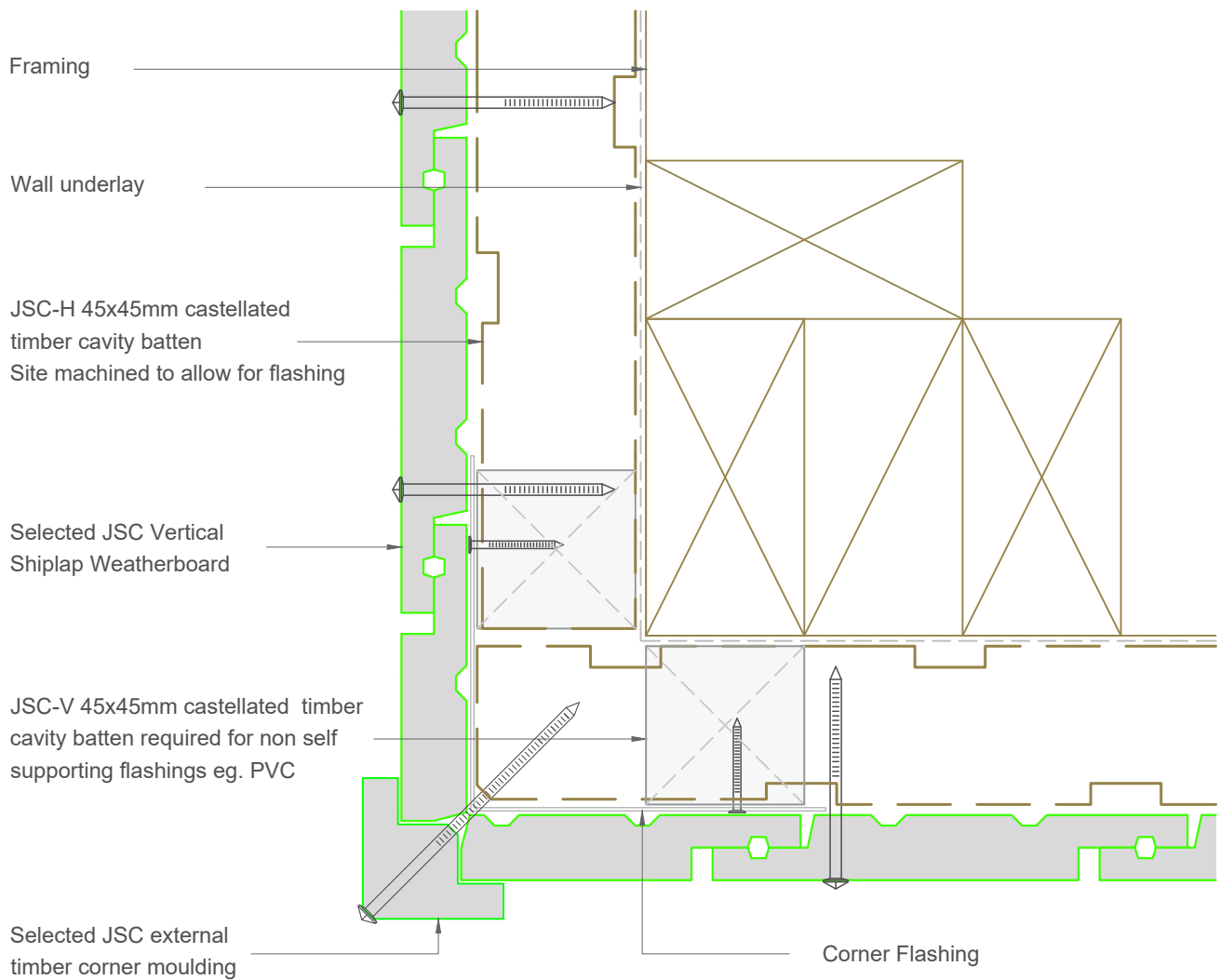
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## External Corner Detail

**JV-F45-13**

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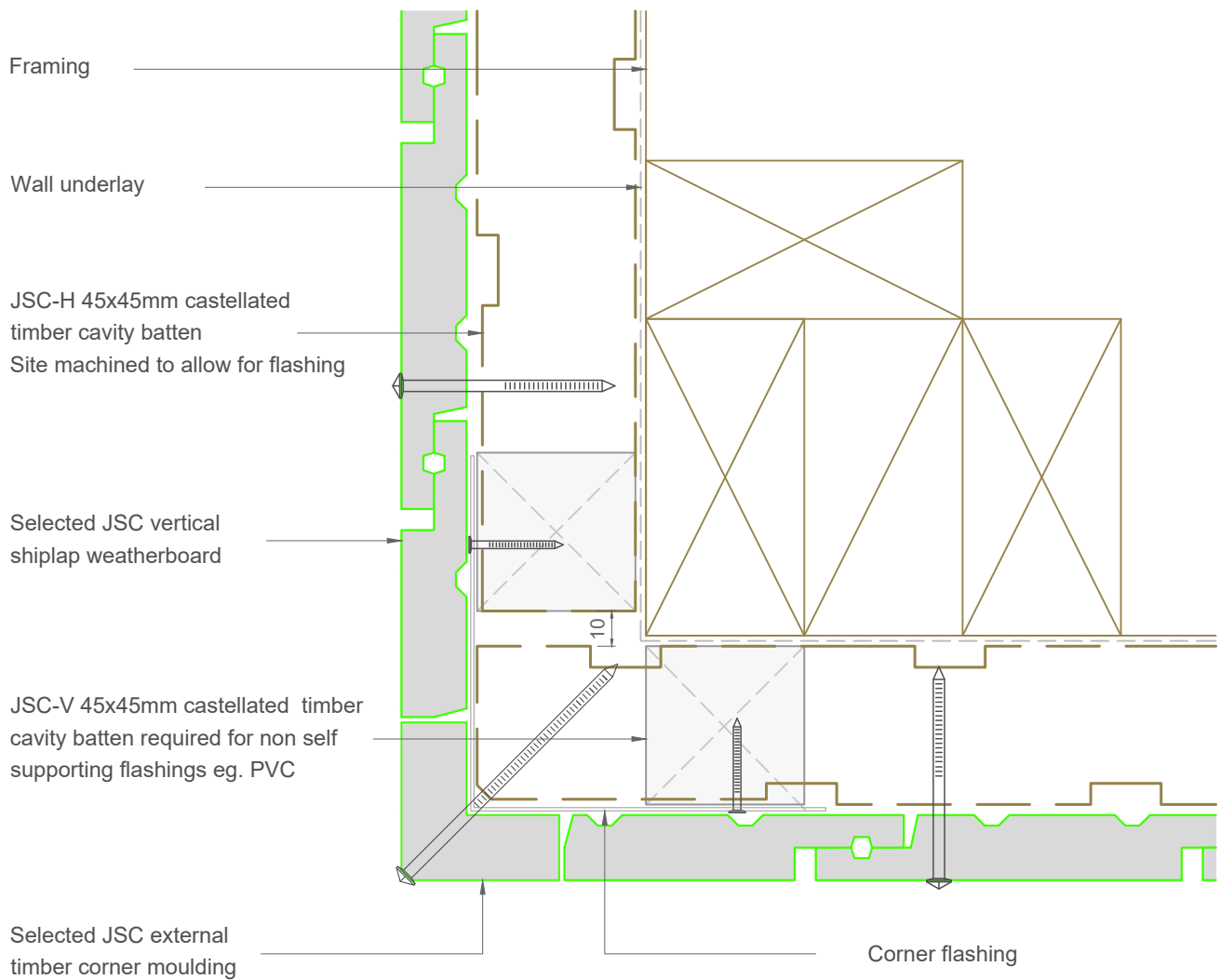
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## External Corner Detail

**JV-F45-14**

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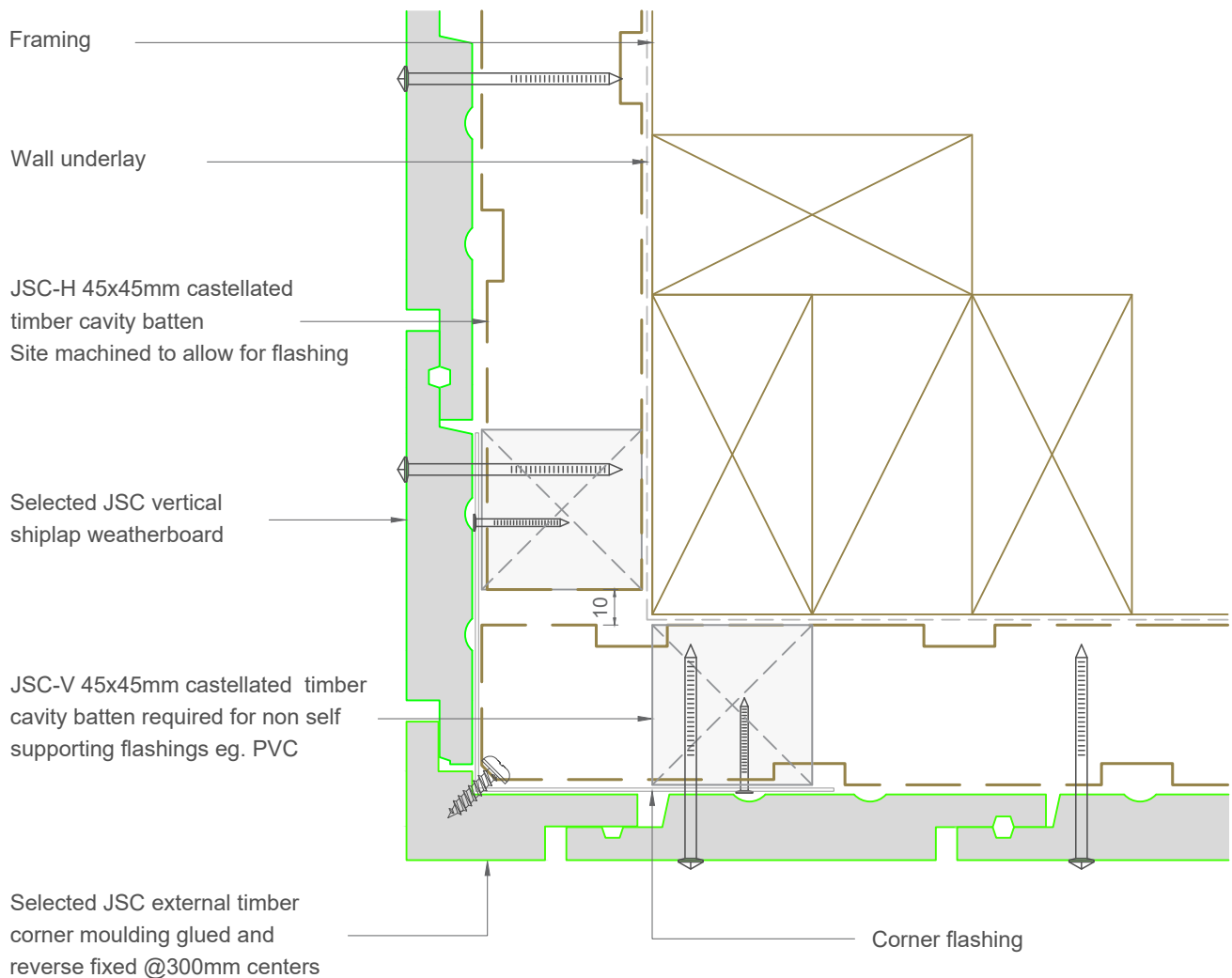
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## External Corner Detail

**JV-F45-16**

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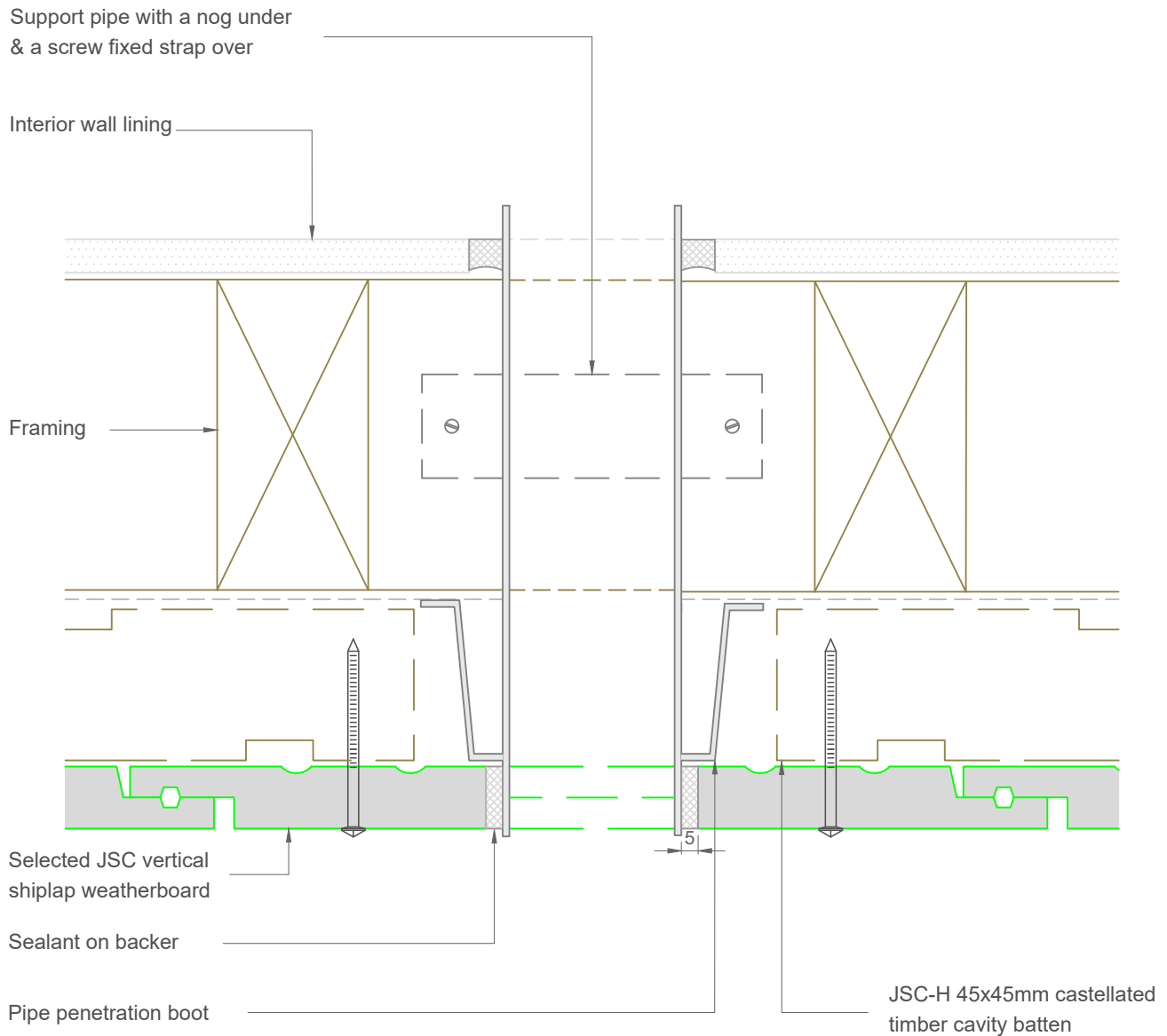
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## Pipe Penetration Detail

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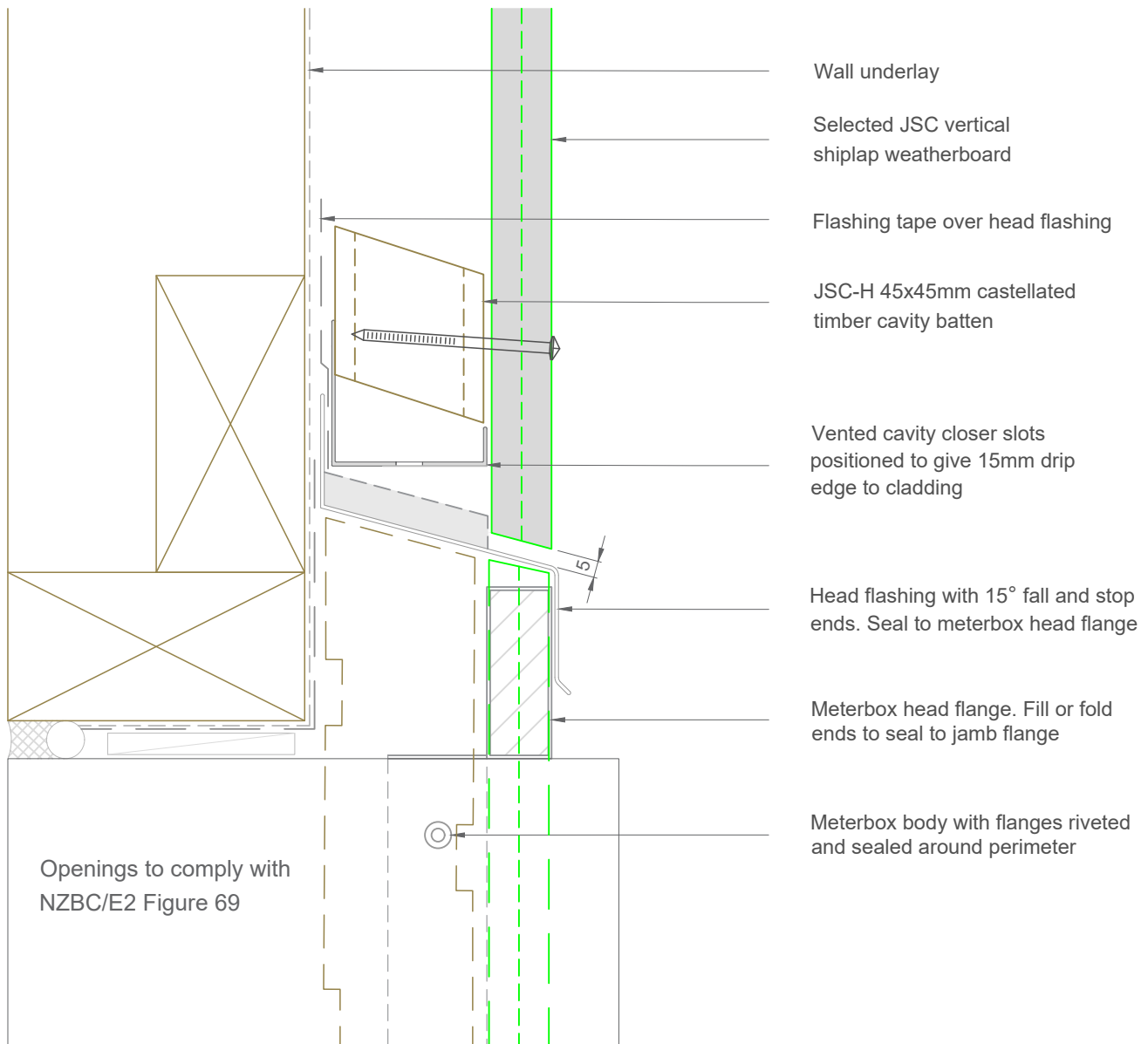
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## Meterbox Head Detail

**JV-F45-25**

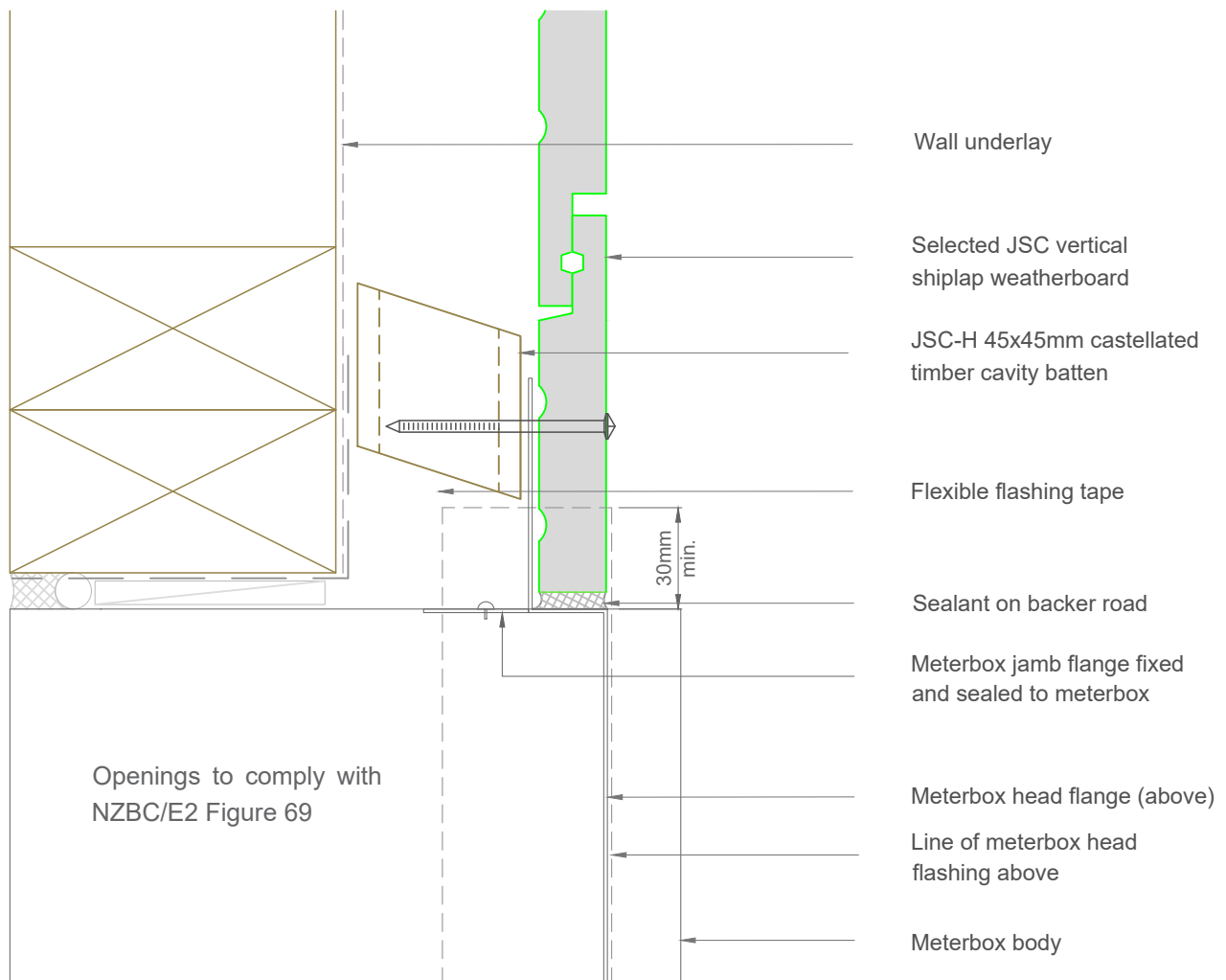
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## Meterbox Jamb Detail

**JV-F45-26**

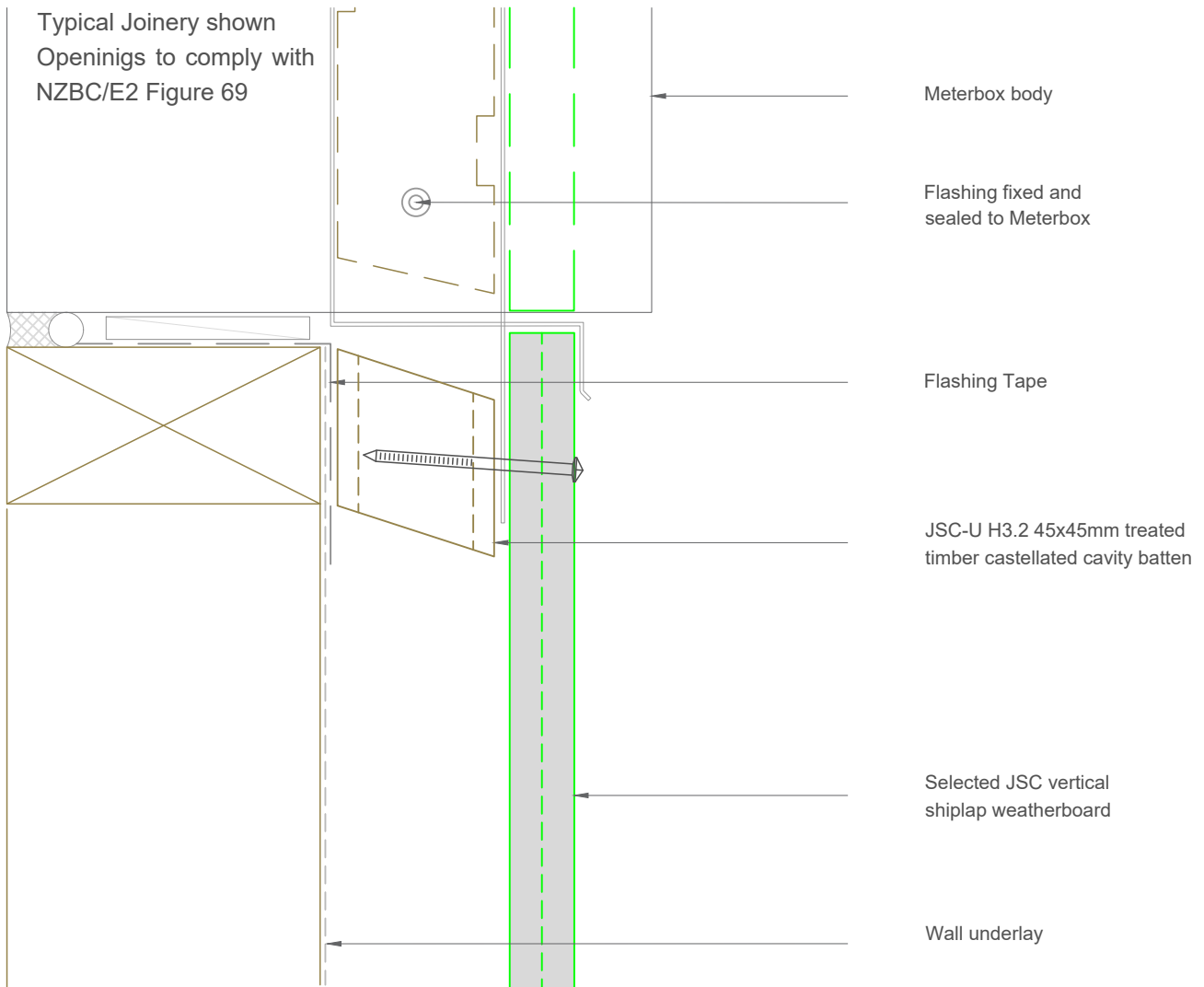
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## Meterbox Sill Detail

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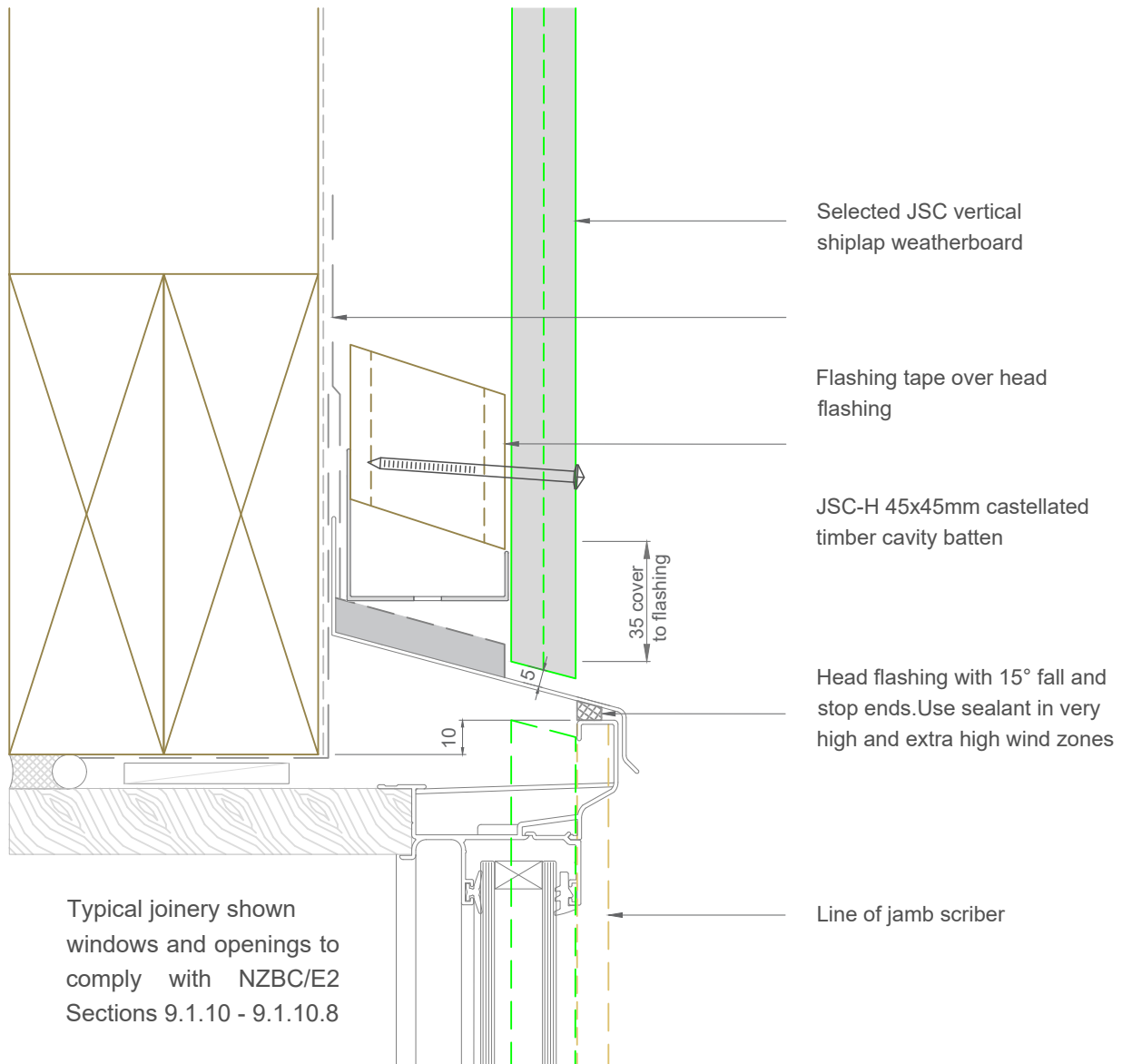
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## Window Head Detail

**JV-F45-30**

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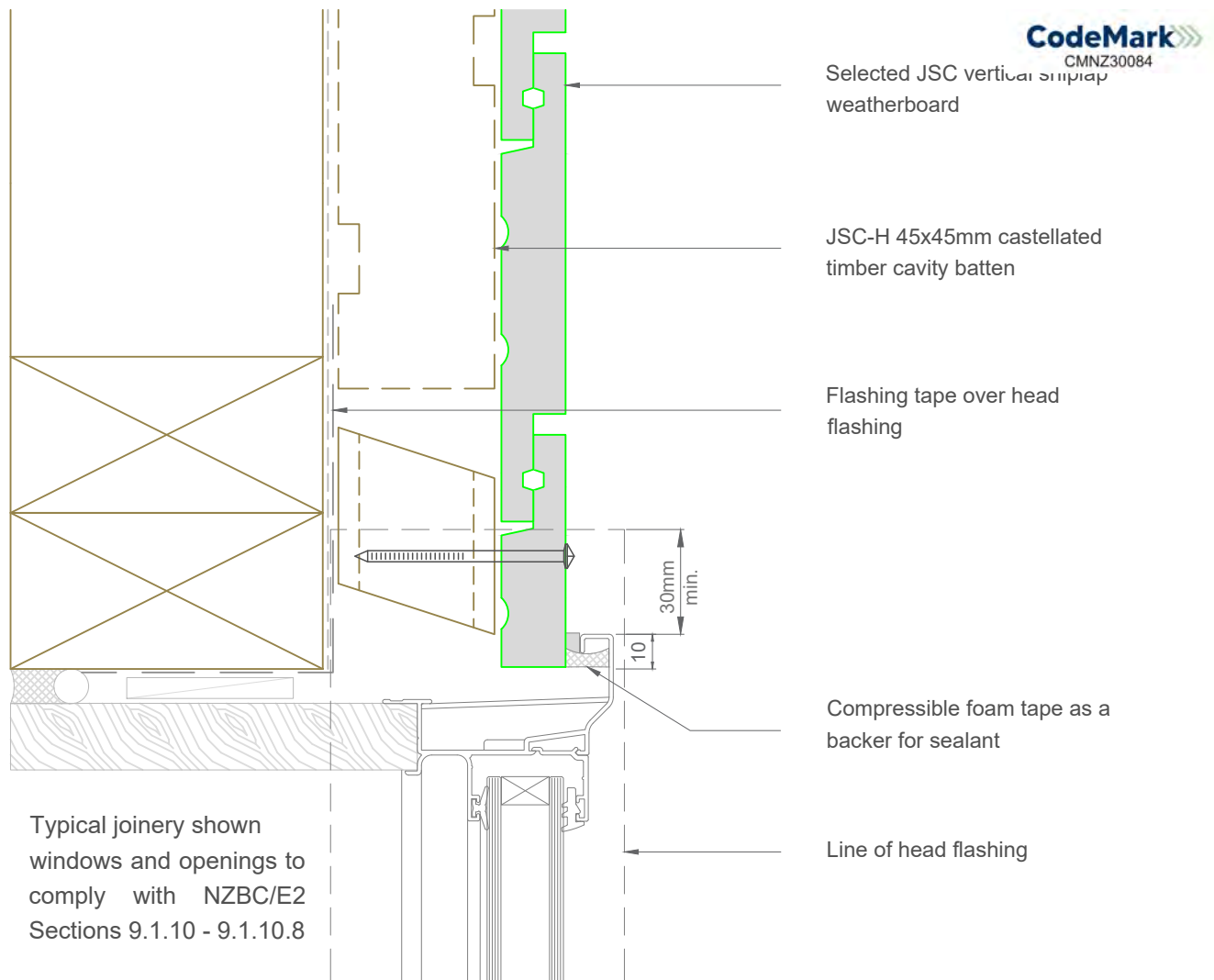
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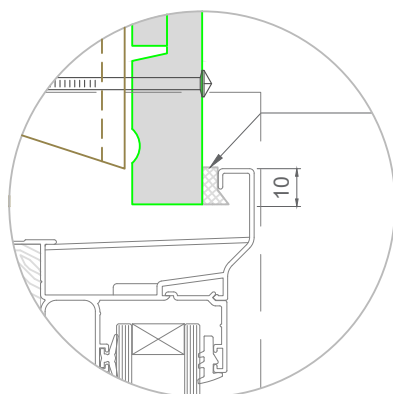
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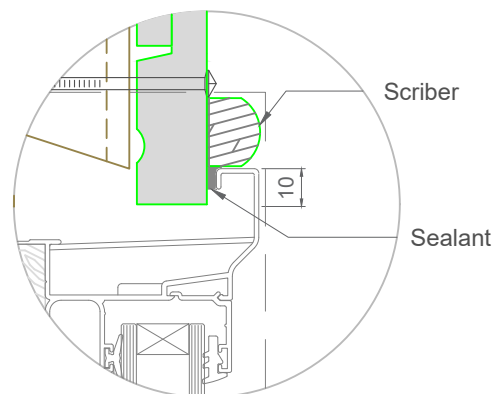
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#### Optional



NB: Foam tape to be durable and compatible with weatherboard coating



NB: Scribe sealed to weatherboard using bead of compatible sealant

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## Window Jamb Detail

**JV-F45-31**

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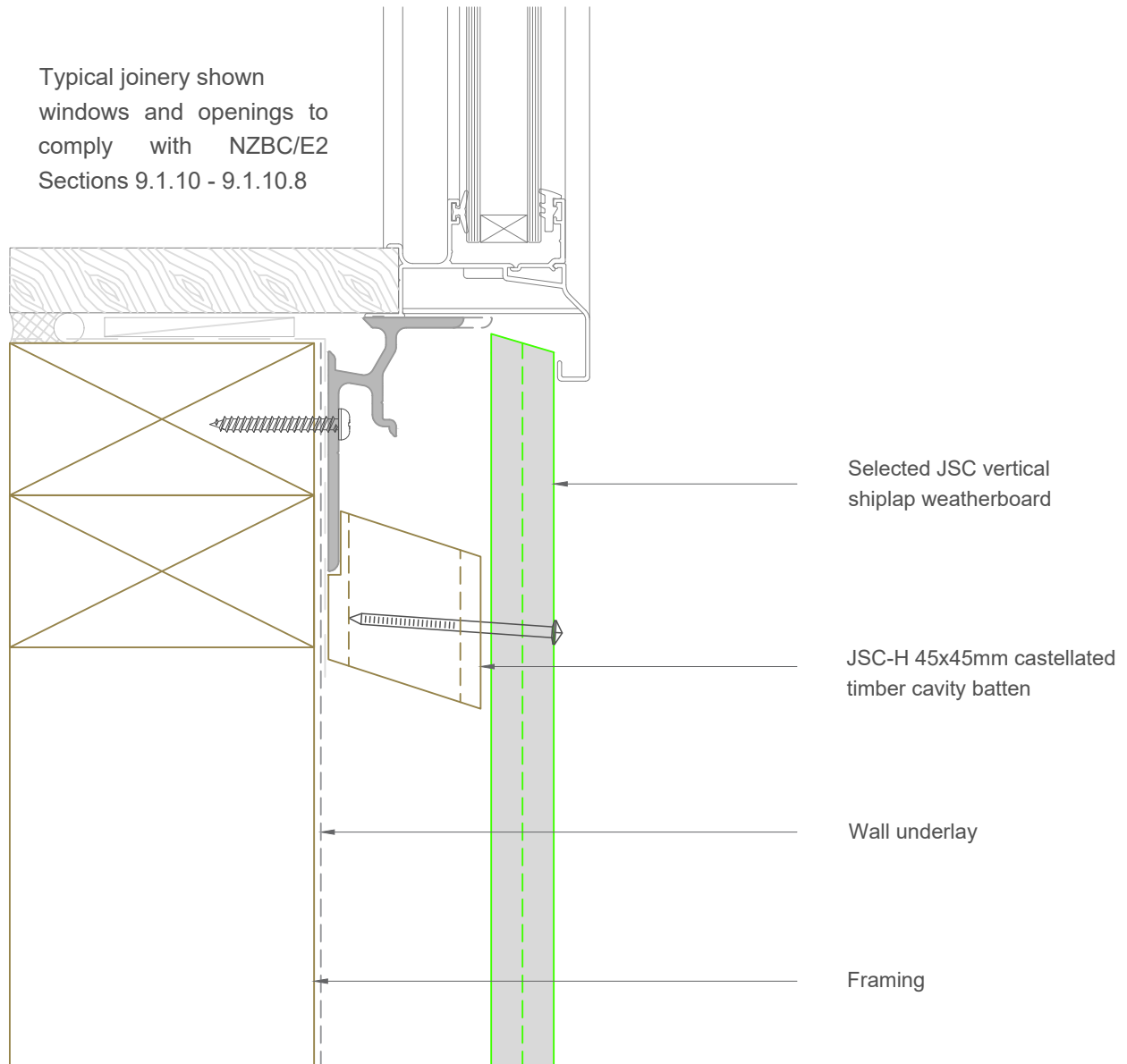
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Typical joinery shown  
windows and openings to  
comply with NZBC/E2  
Sections 9.1.10 - 9.1.10.8



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## Window Sill Detail

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