

## JSC Board & Batten

Board and Batten Weatherboard Cladding

45mm Cavity on Rigid Underlay

Version 1.3 | 24/02/2025



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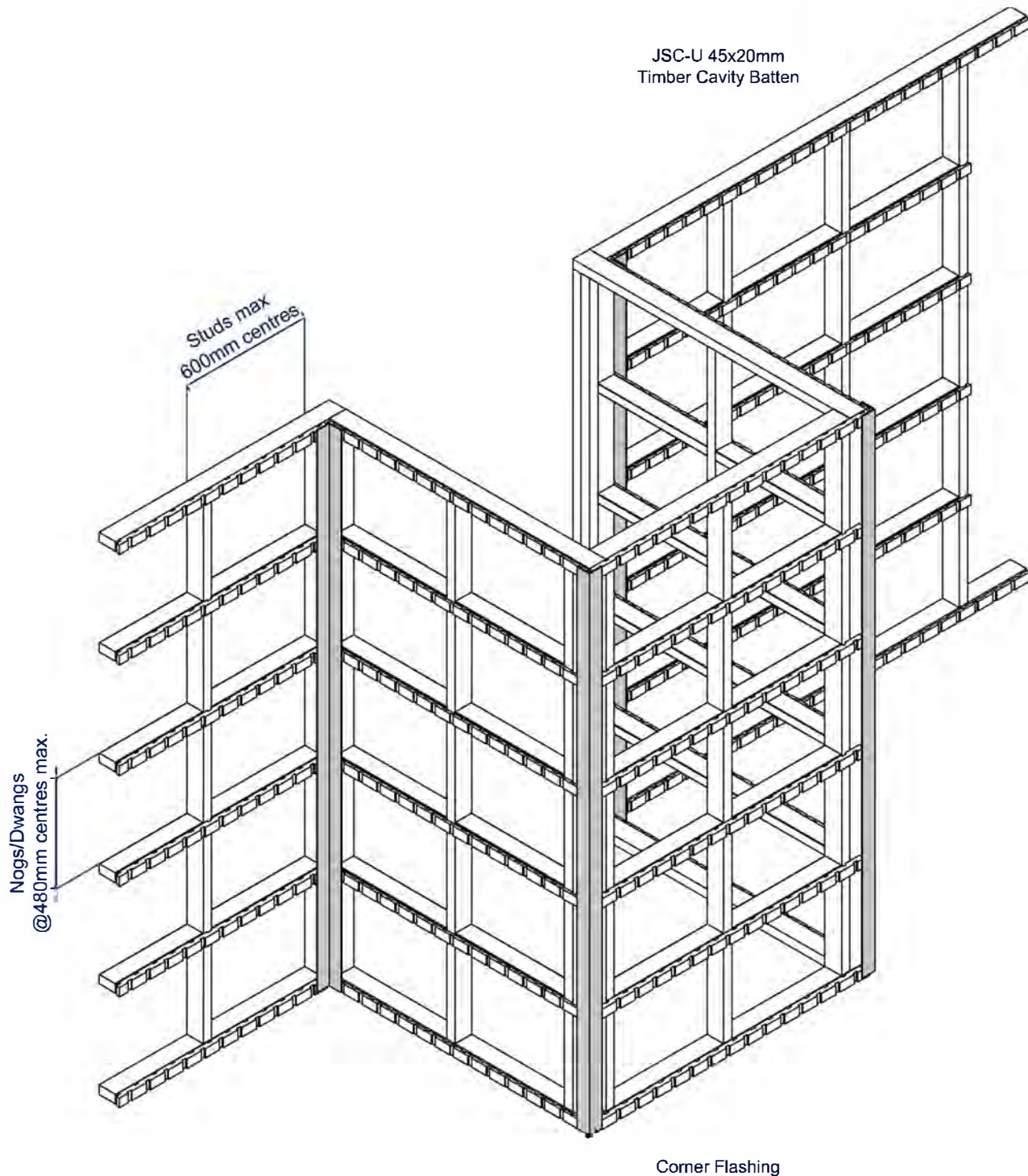
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## 20mm Cavity Batten Setout fixed Horizontally

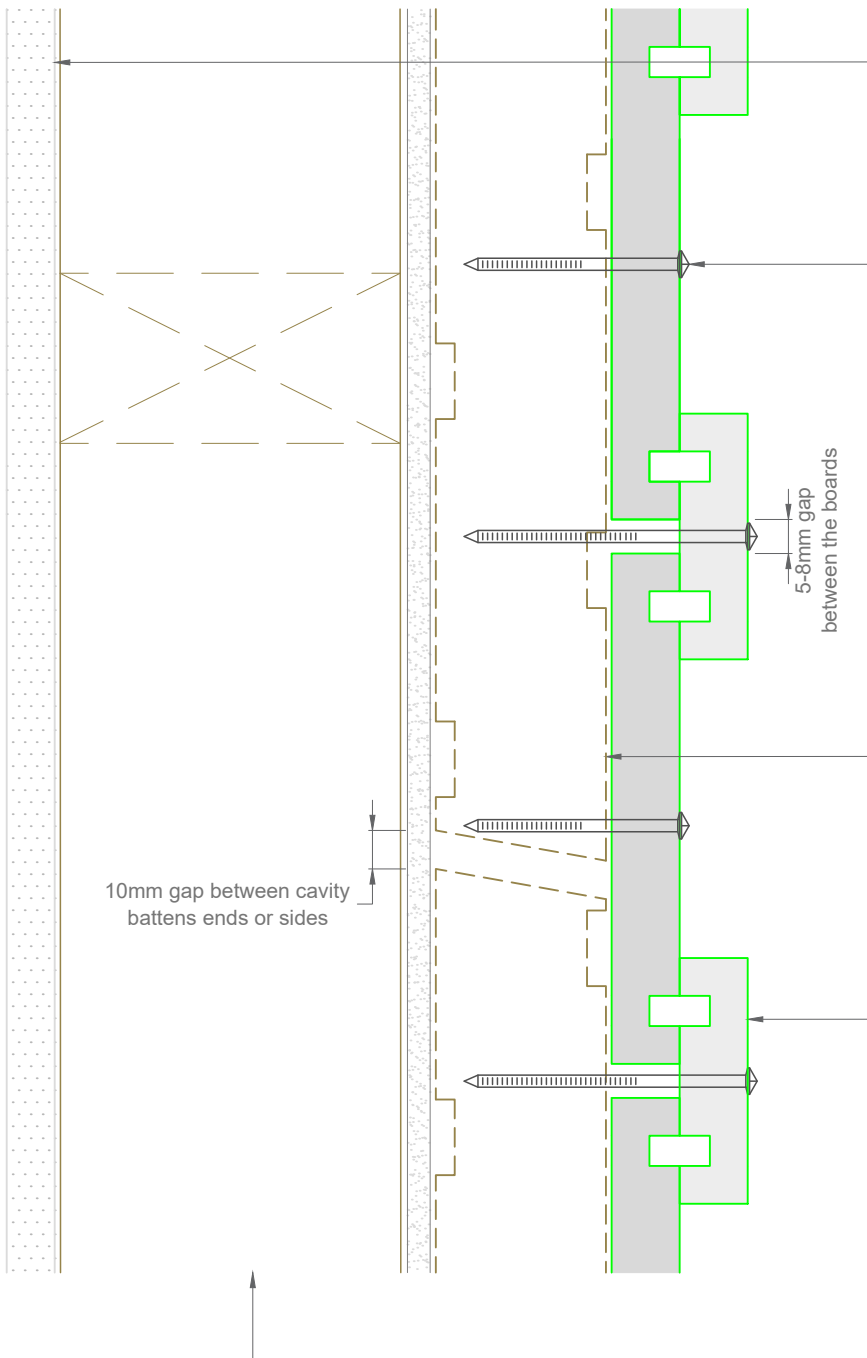


**Note: This setout guide is for fixing JSC-U 45x20 mm Cavity Battens for Vertical weatherboards.**



## Plan View

**CodeMark** CMNZ30083



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 at the center of the board or batten at max 480 centers

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

JSC board and batten weatherboard

- coated with approved suitable coating to all 4 sides and ends
- 40-50mm stainless steel clout to hold in place the cavity battens prior to board installation

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

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 - Rigid Underlay

**JVB-R45-SEC01**

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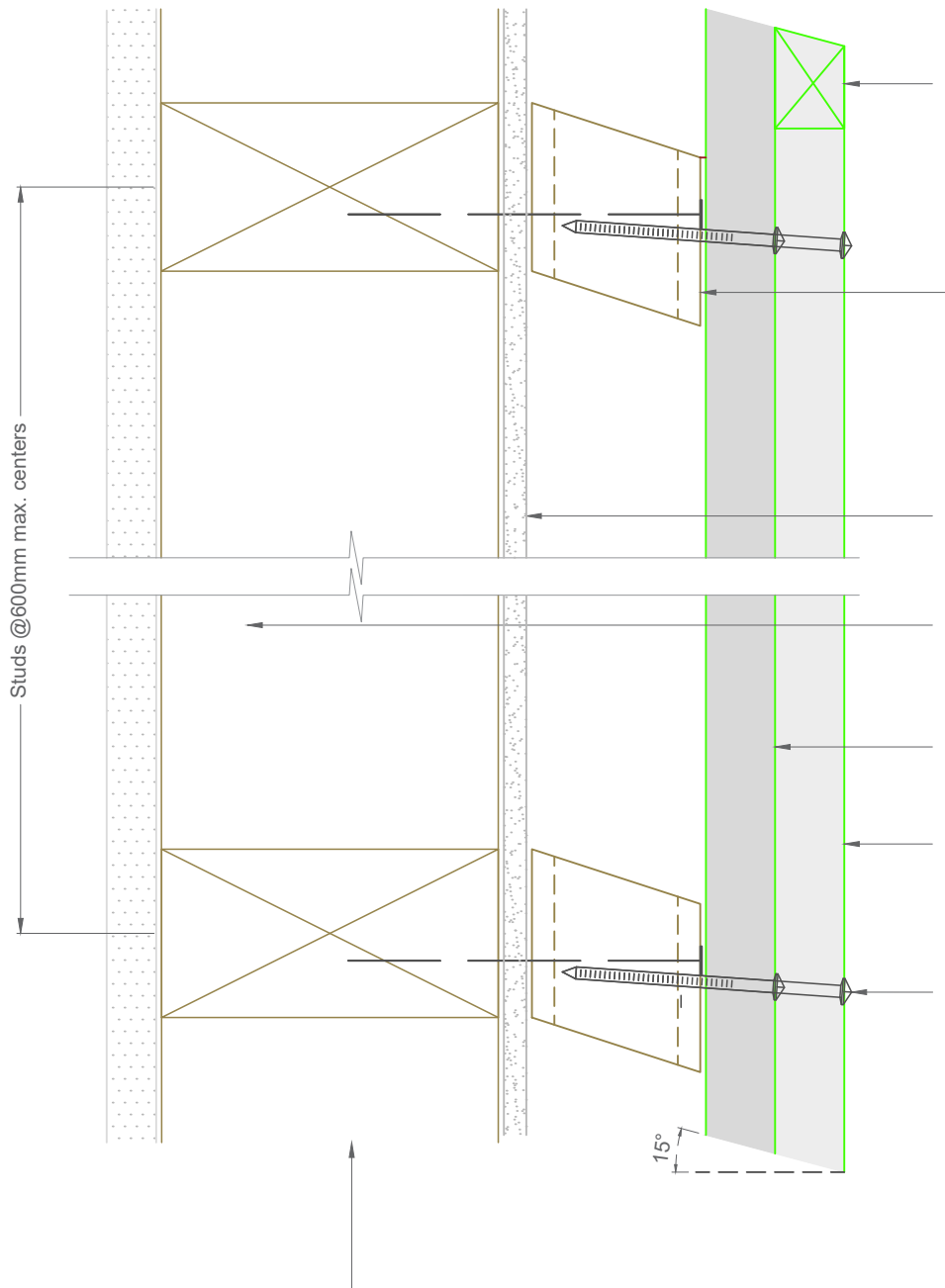
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# Cross Section View

**CodeMark** CMNZ30083



Batten used horizontally as a filler or packer with a 15° bevel on the top edge sloping away from wall

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

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

J120 or J121 coated with approved coating on all 4 sides

J123 or J124 coated with approved coating on all 4 sides

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
- 30mm min penetration into framing
- Nailed at the center of the board or batten at max 480mm centers

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 - Rigid Underlay

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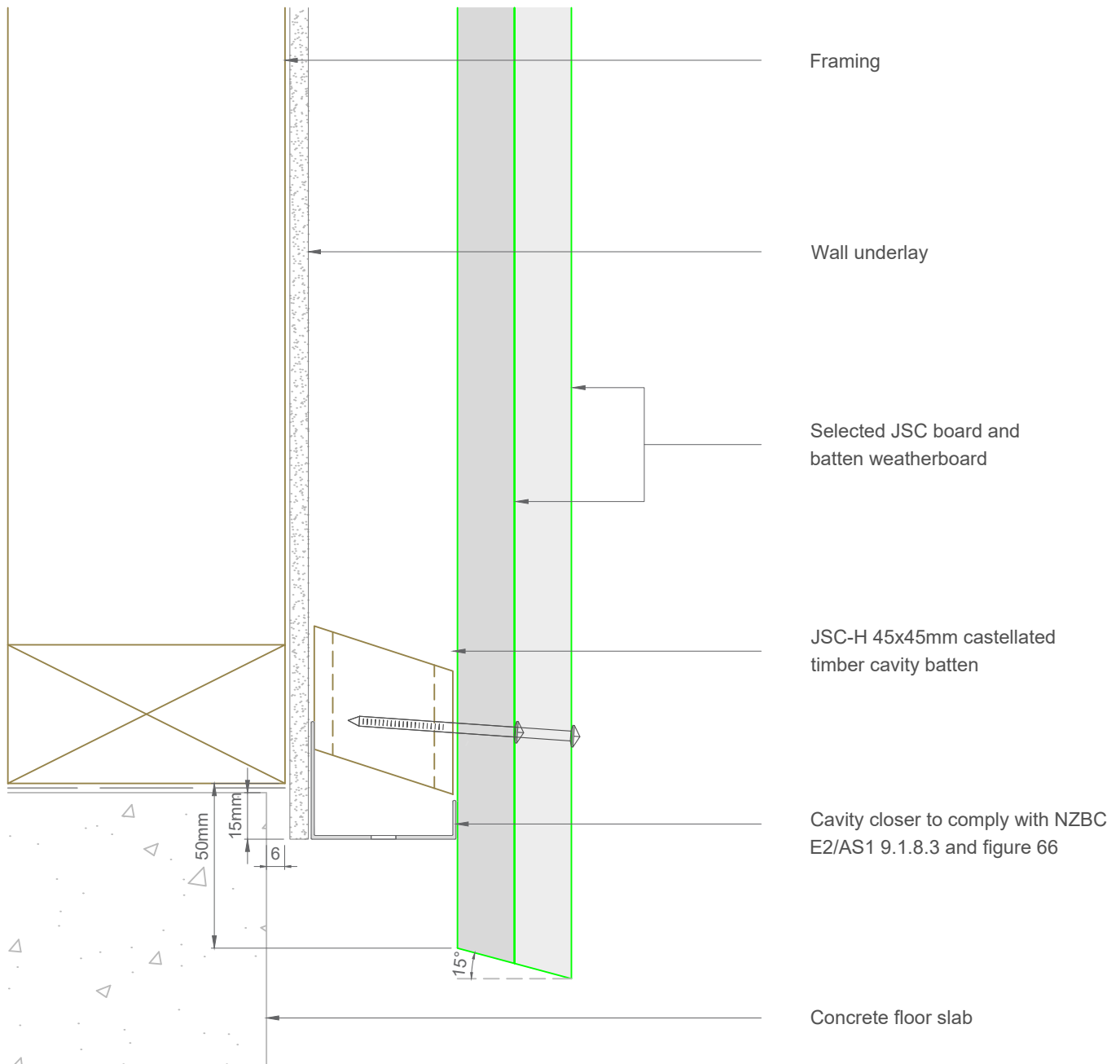
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Note:- Maintain ground clearance as per NZBC/E2 paragraph 9.1.3.3 and Table 18

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## Bottom Plate Detail - Rigid Underlay

**JVB-R45-01**

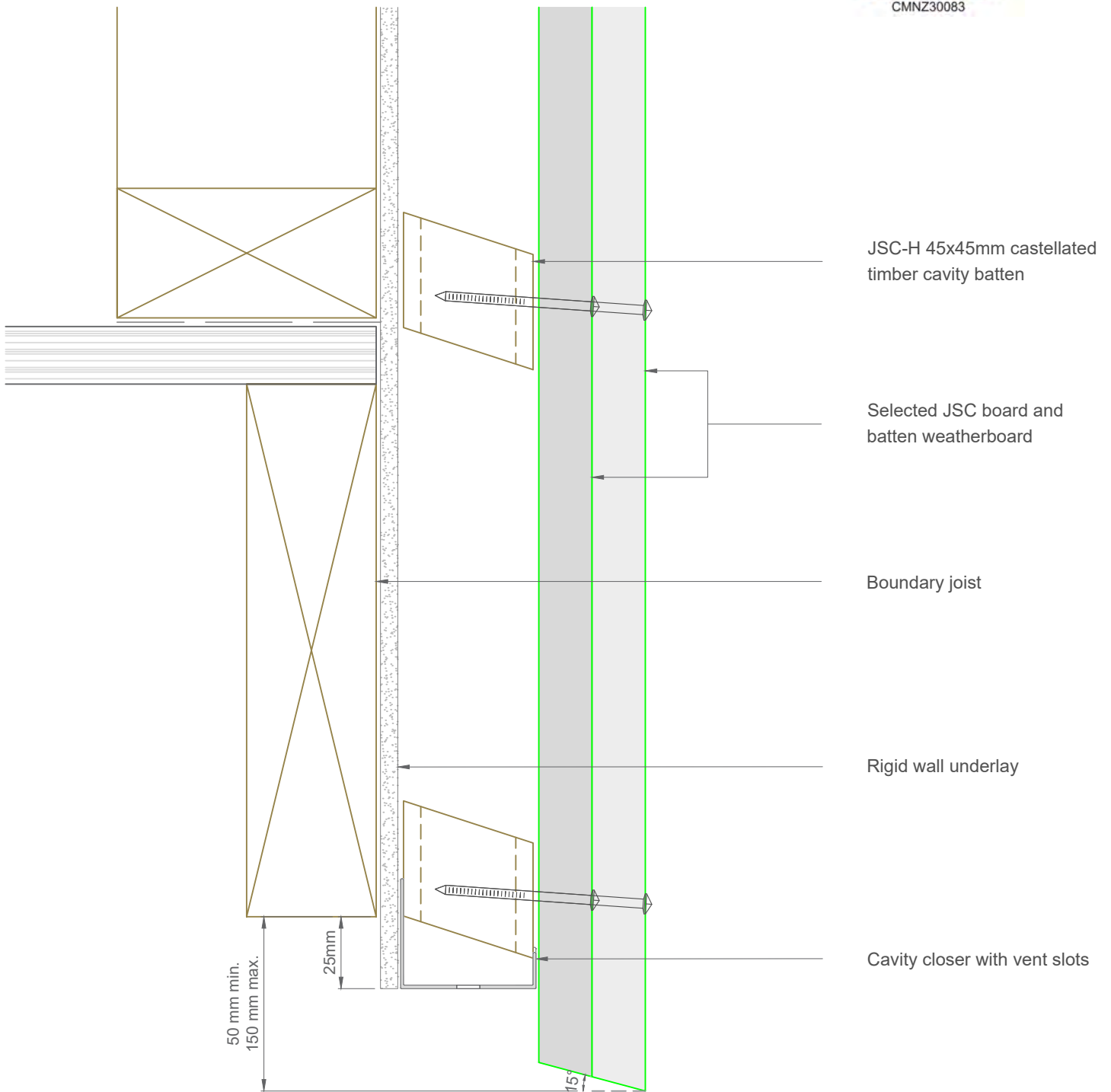
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Note:- Maintain ground clearance as per NZBC/E2 paragraph 9.1.3.3 and Table 18

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## Bottom Plate on Timber Detail - Rigid Underlay

**JVB-R45-01A**

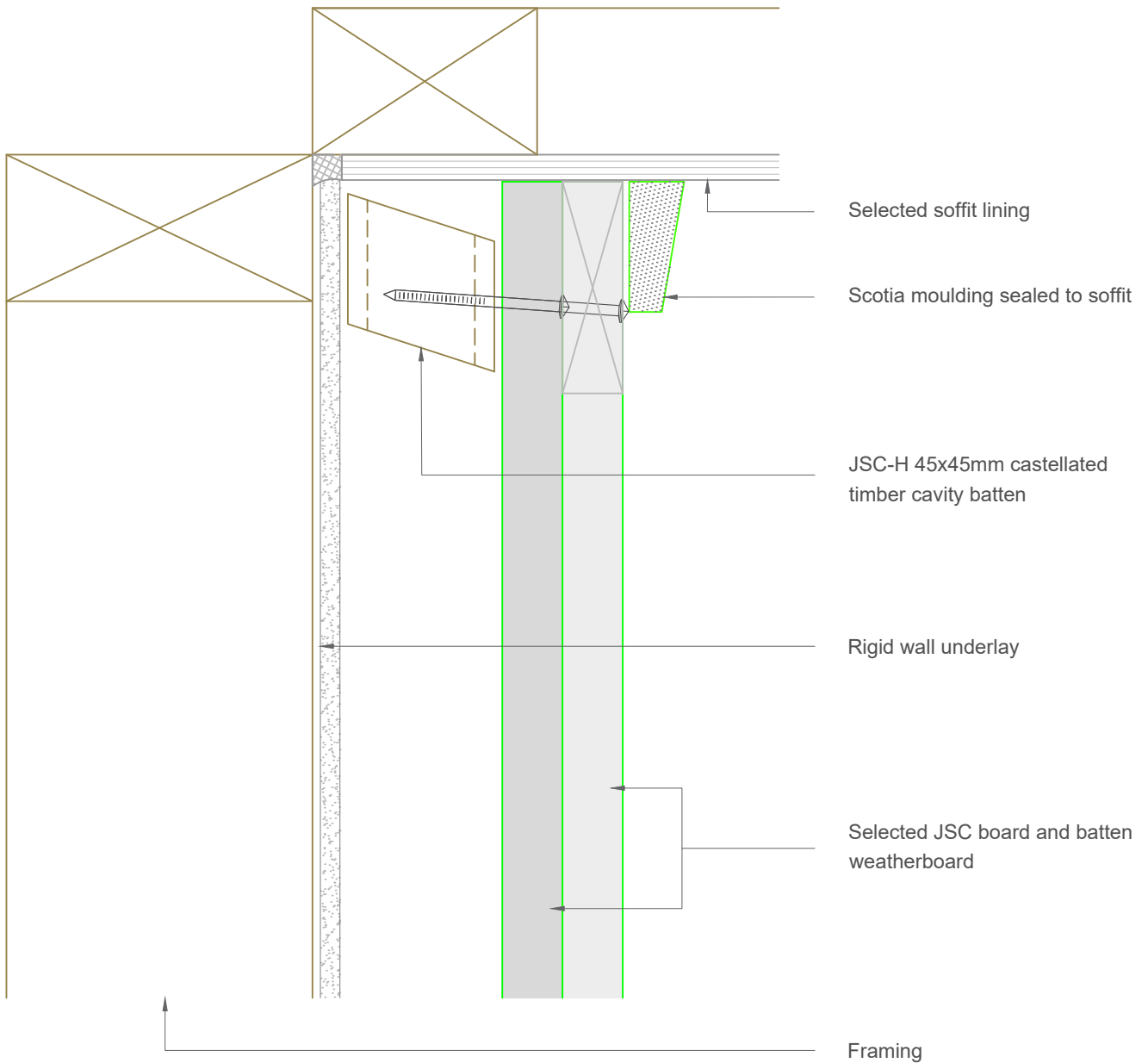
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## Top Plate Soffit Detail - Rigid Underlay

**JVB-R45-02**

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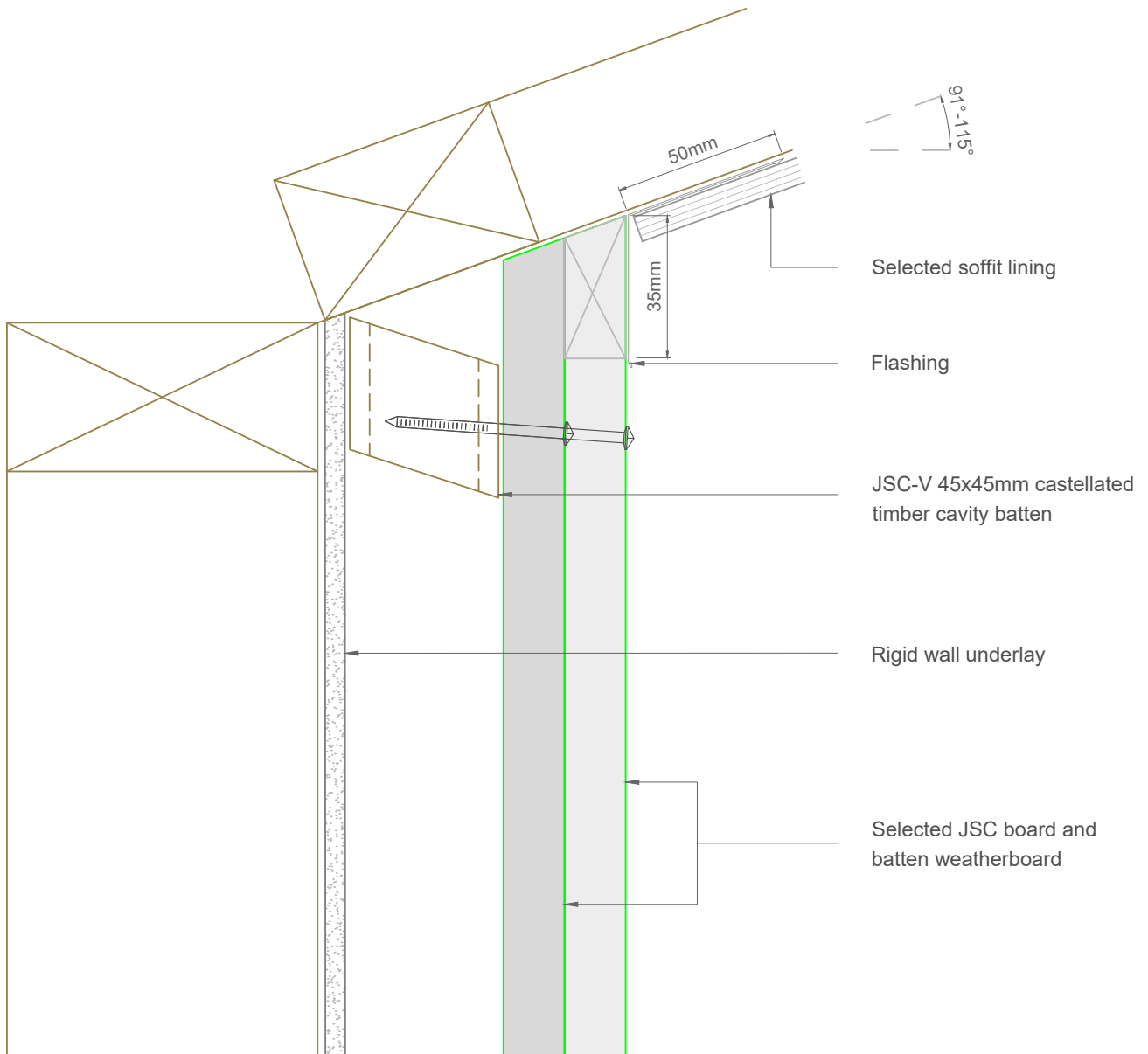
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## Raking Soffit Detail - Rigid Underlay

**JVB-R45-03**

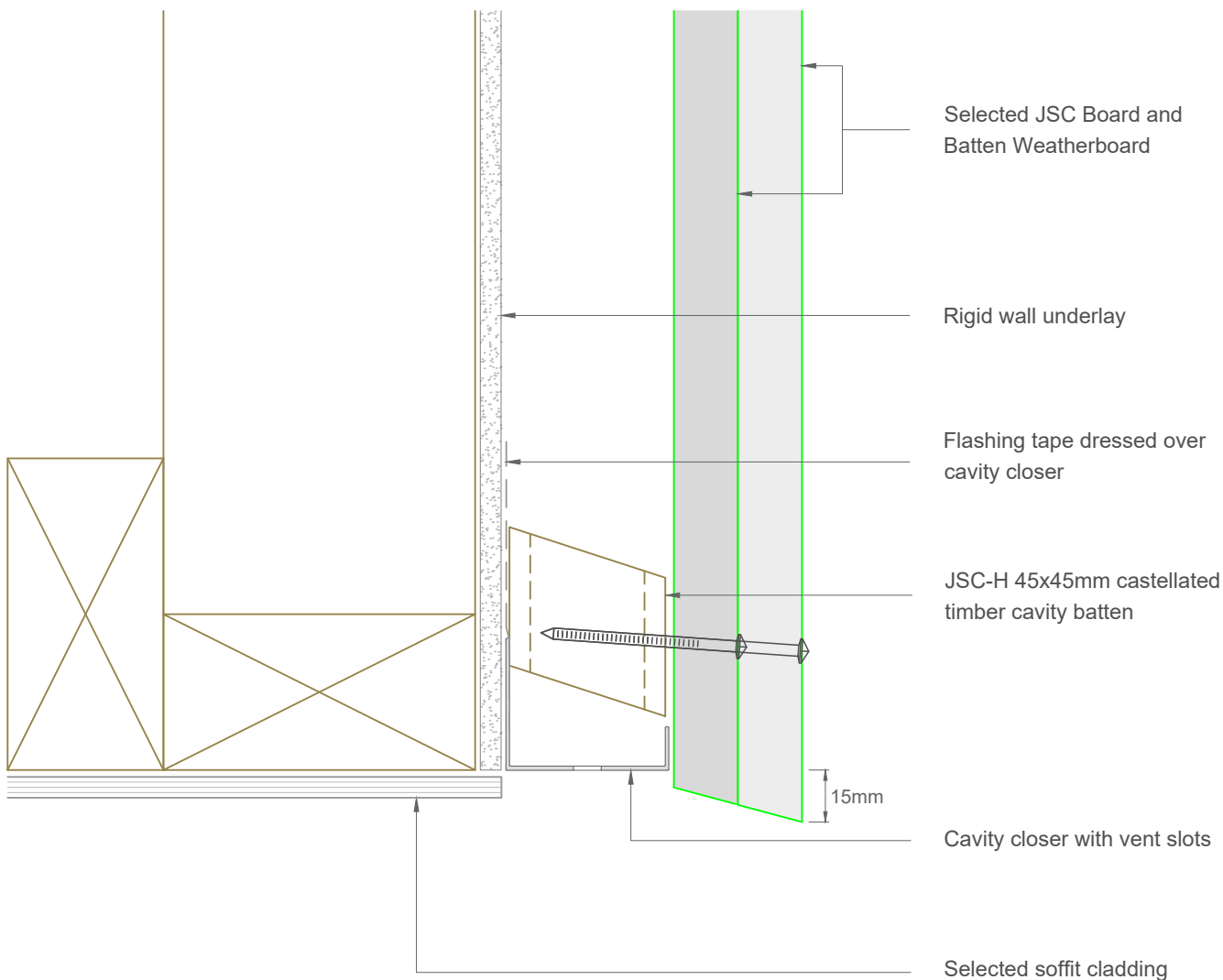
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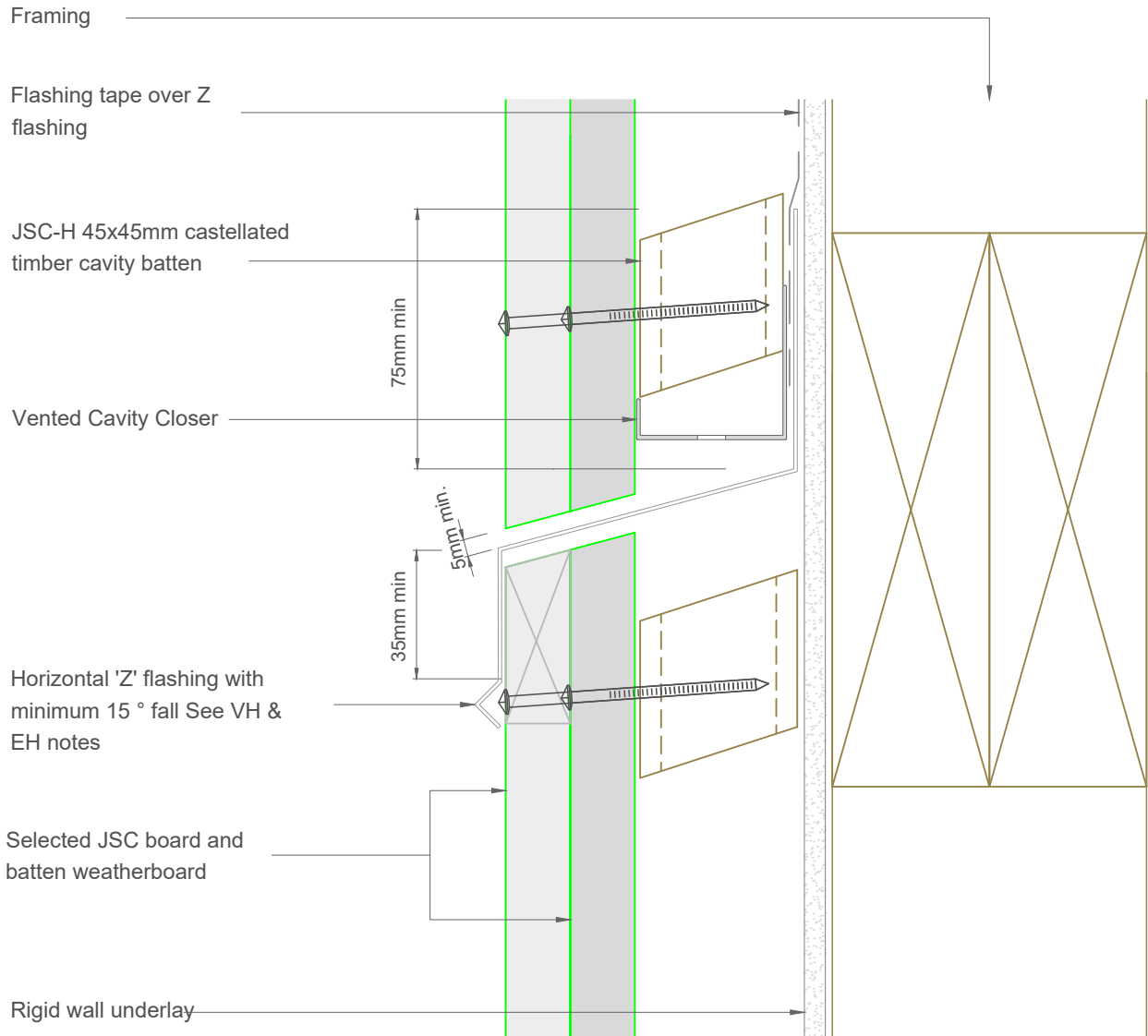
**Note:** To be read in conjunction with complete JSC installation instructions • Details may be subject to change without notification

<b>Bottom Plate Soffit Detail</b> - Rigid Underlay	<b>JVB-R45-04</b>	<b>Scale:</b> 1:2 <b>Date:</b> 24/02/2025
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## Inter Storey Junction Detail - Rigid Underlay

**JVB-R45-05**

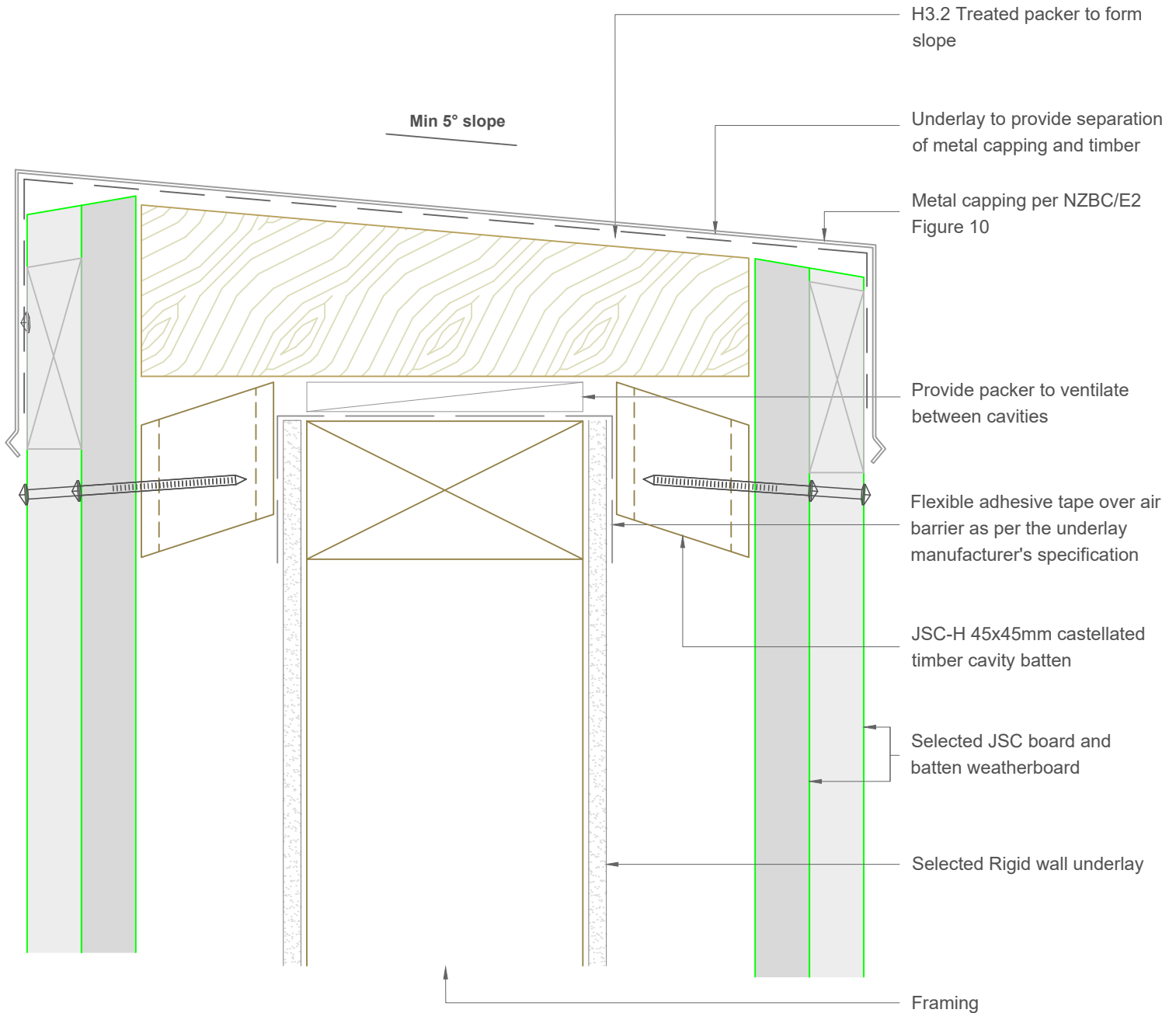
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Note:- Parapet Design & installation should comply to NZBC/E2 Section 6

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## Parapet Detail - Rigid Underlay

**JVB-R45-06**

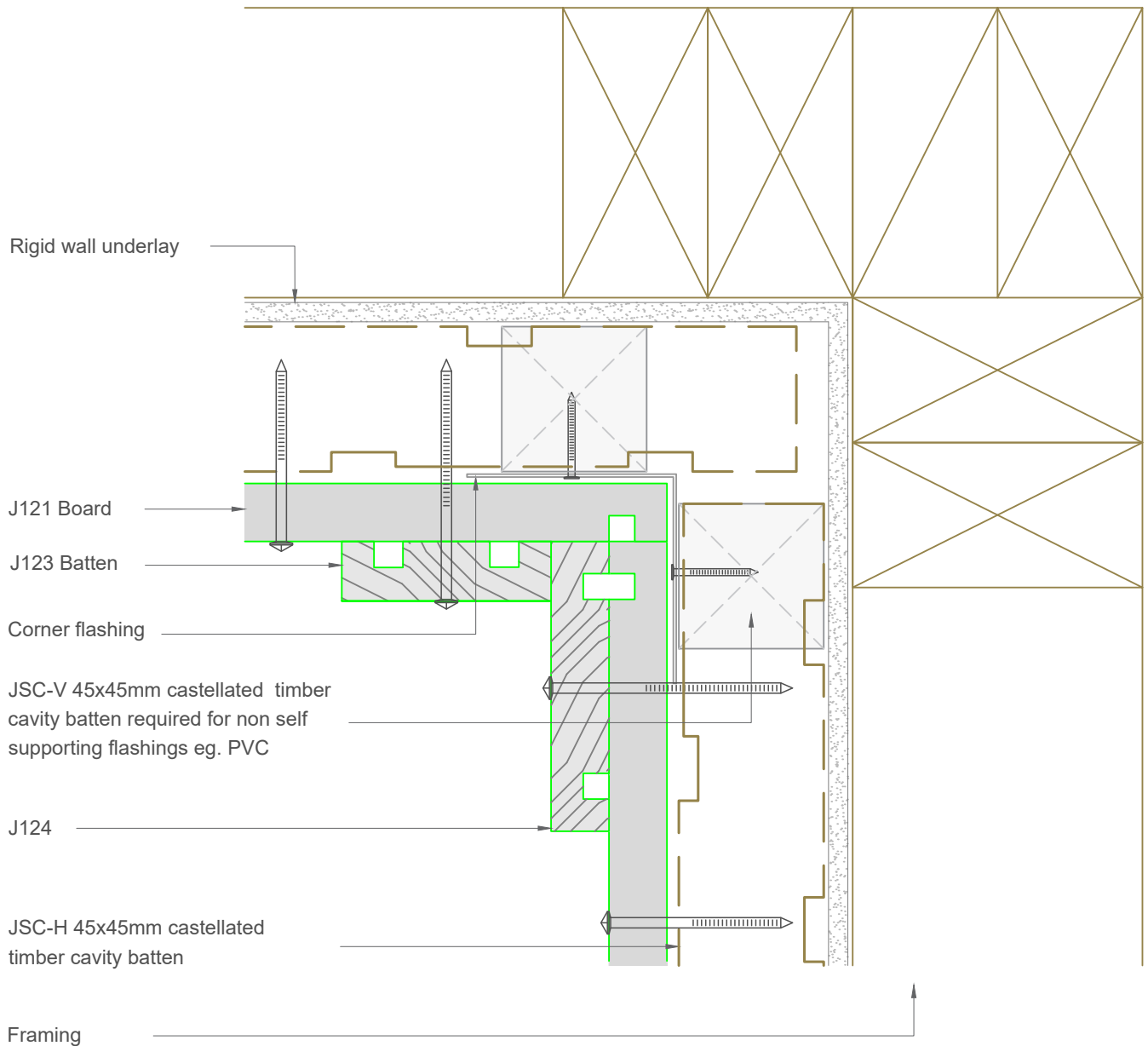
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## Internal Corner Detail - Rigid Underlay

**JVB-R45-10**

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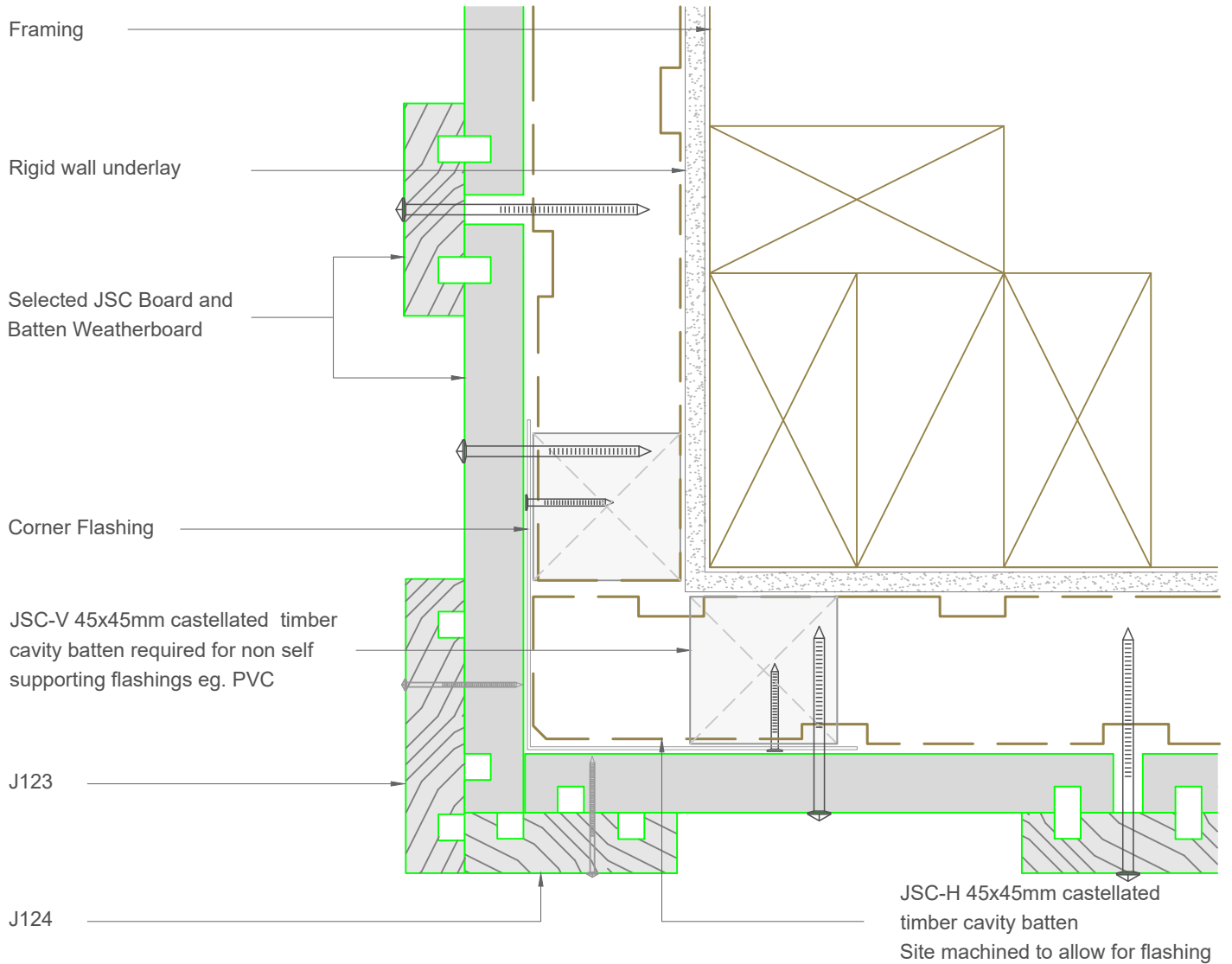
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## External Corner Detail - Rigid Underlay

**JVB-R45-12**

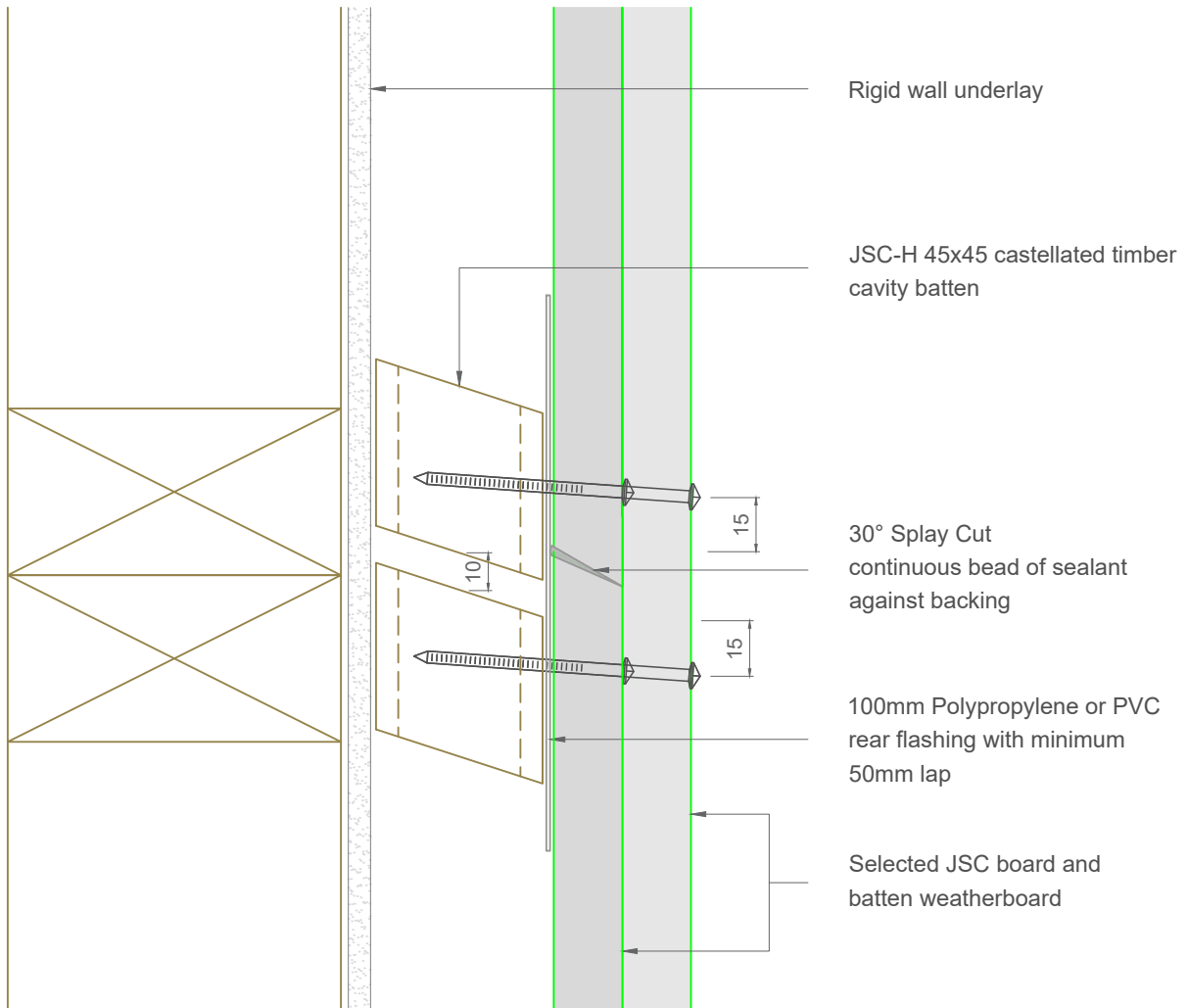
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<b>Scarf Joint Detail</b> - Rigid Underlay	<b>JVB-R45-20</b>	<b>Scale:</b> 1:2 <b>Date:</b> 24/02/2025
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Support Pipe with a nog under  
& a screw fixed strap over

Interior wall lining

Framing

JSC-U 45x20mm castellated  
timber cavity batten

Sealant on backer

Selected JSC Board and  
Batten Weatherboard

Pipe Penetration Boot

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## Pipe Penetration Detail - Rigid Underlay

**JVB-R45-21**

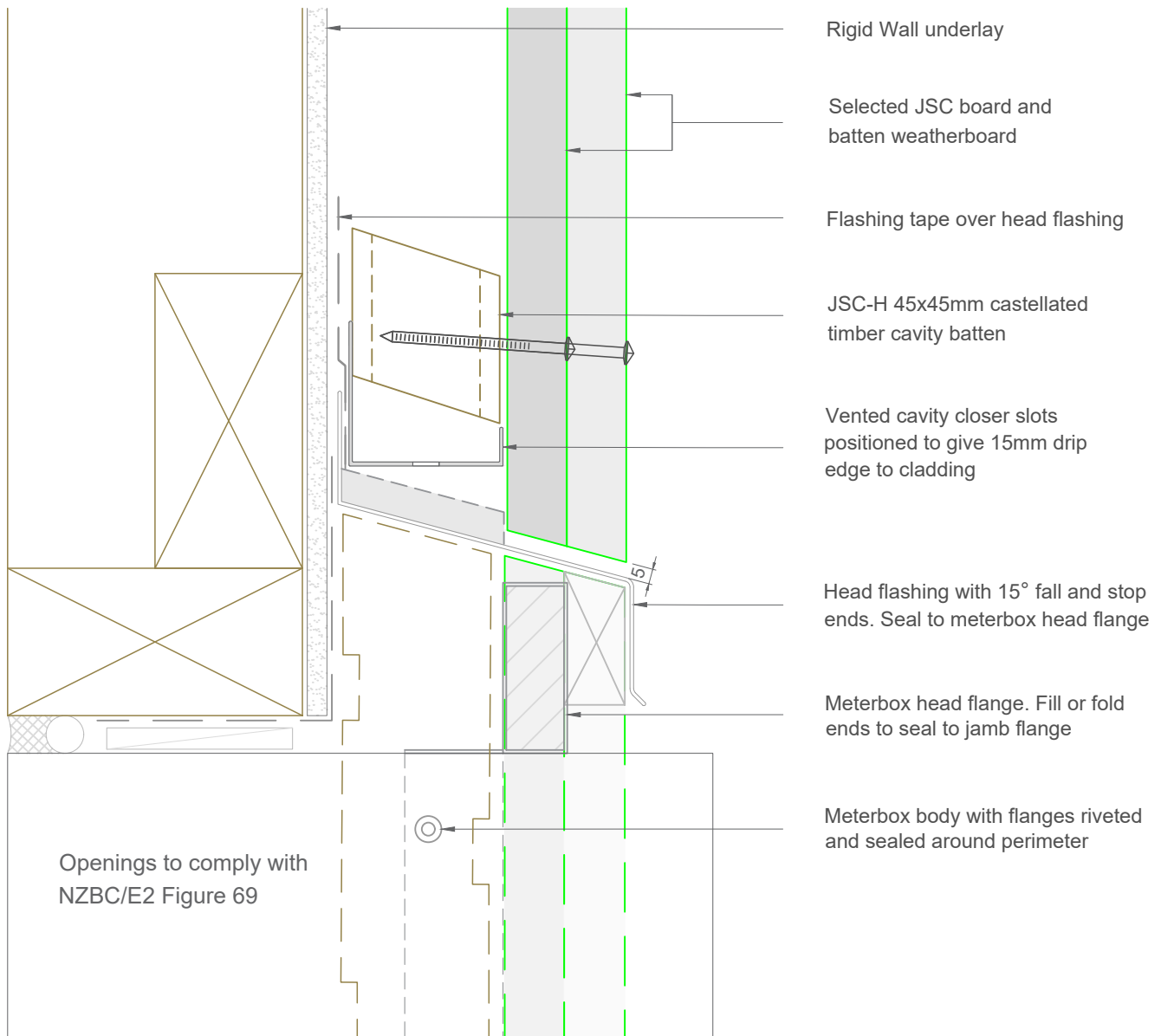
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## Meterbox Head Detail - Rigid Underlay

**JVB-R45-25**

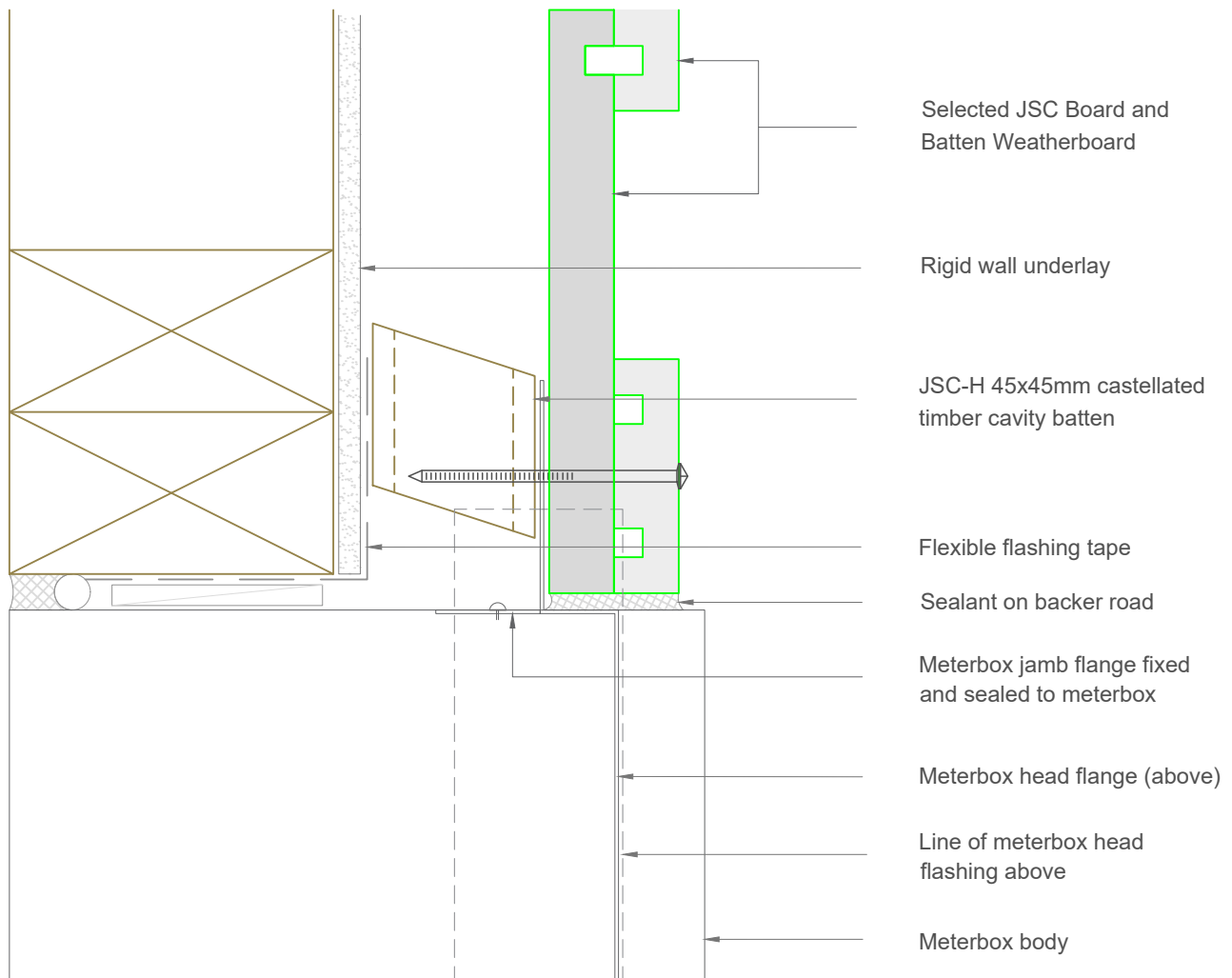
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## Meterbox Jamb Detail - Rigid Underlay

**JVB-R45-26**

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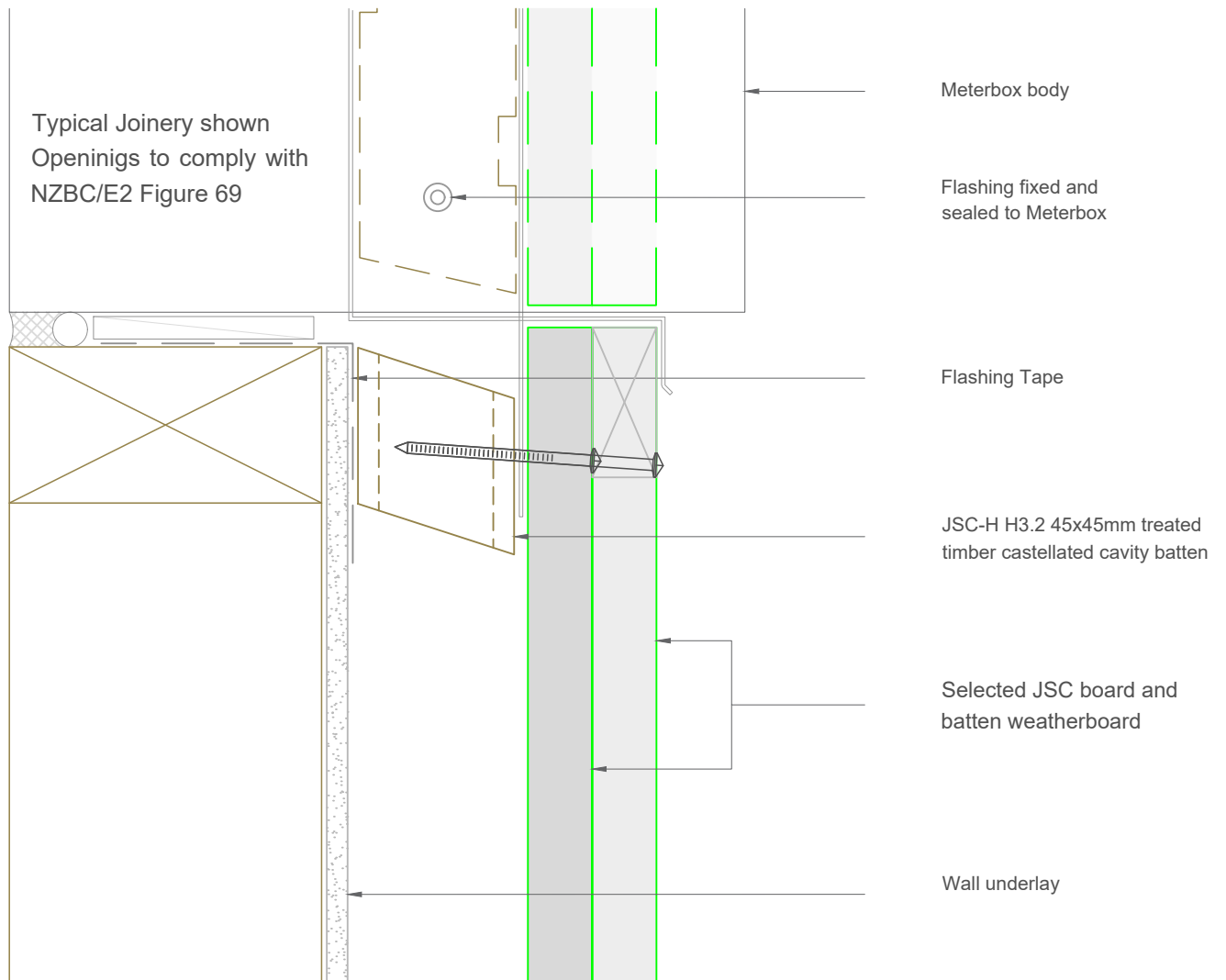
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## Meterbox Sill Detail - Rigid Underlay

**JVB-R45-27**

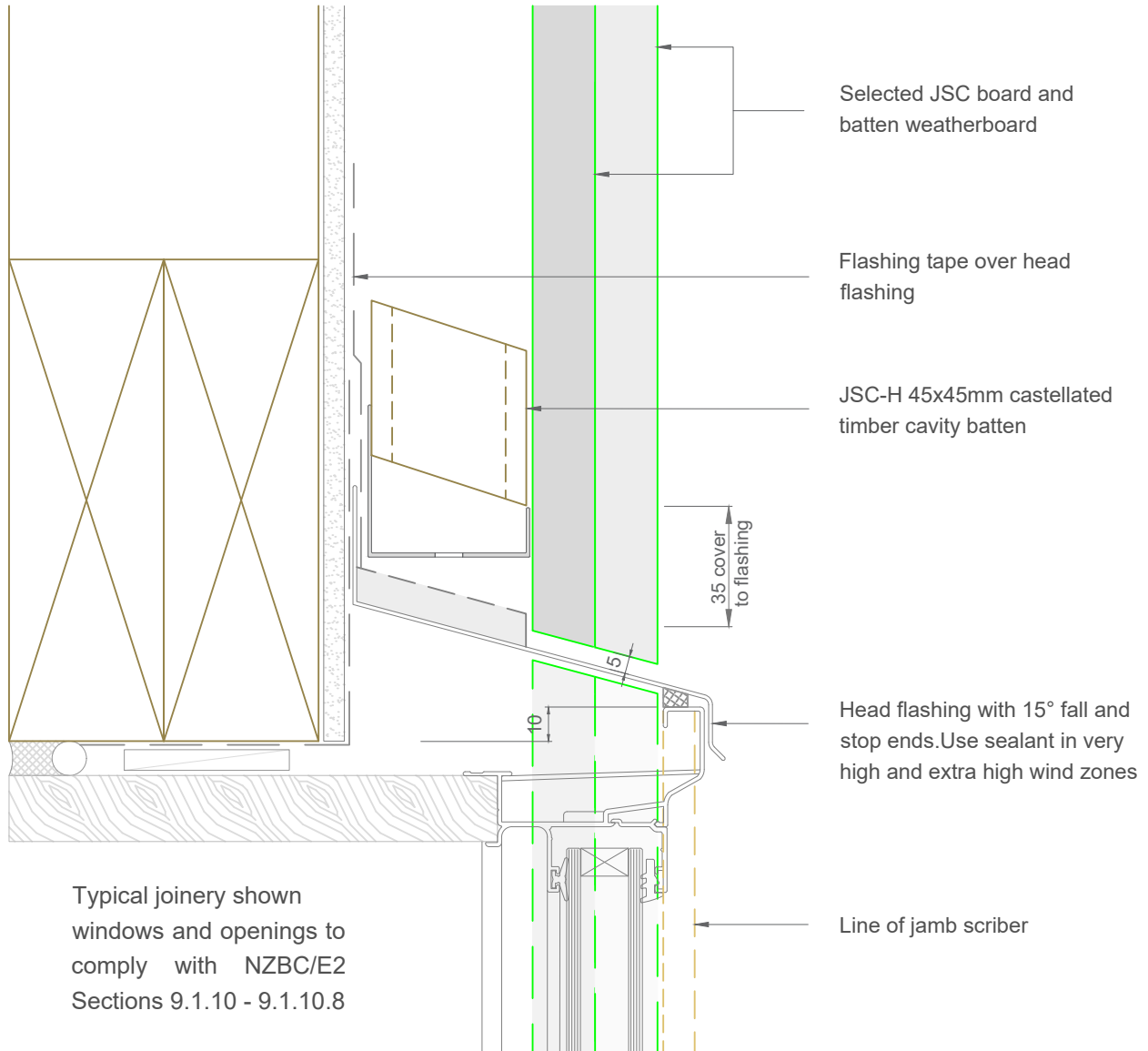
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## Window Head Detail - Rigid Underlay

**JVB-R45-30**

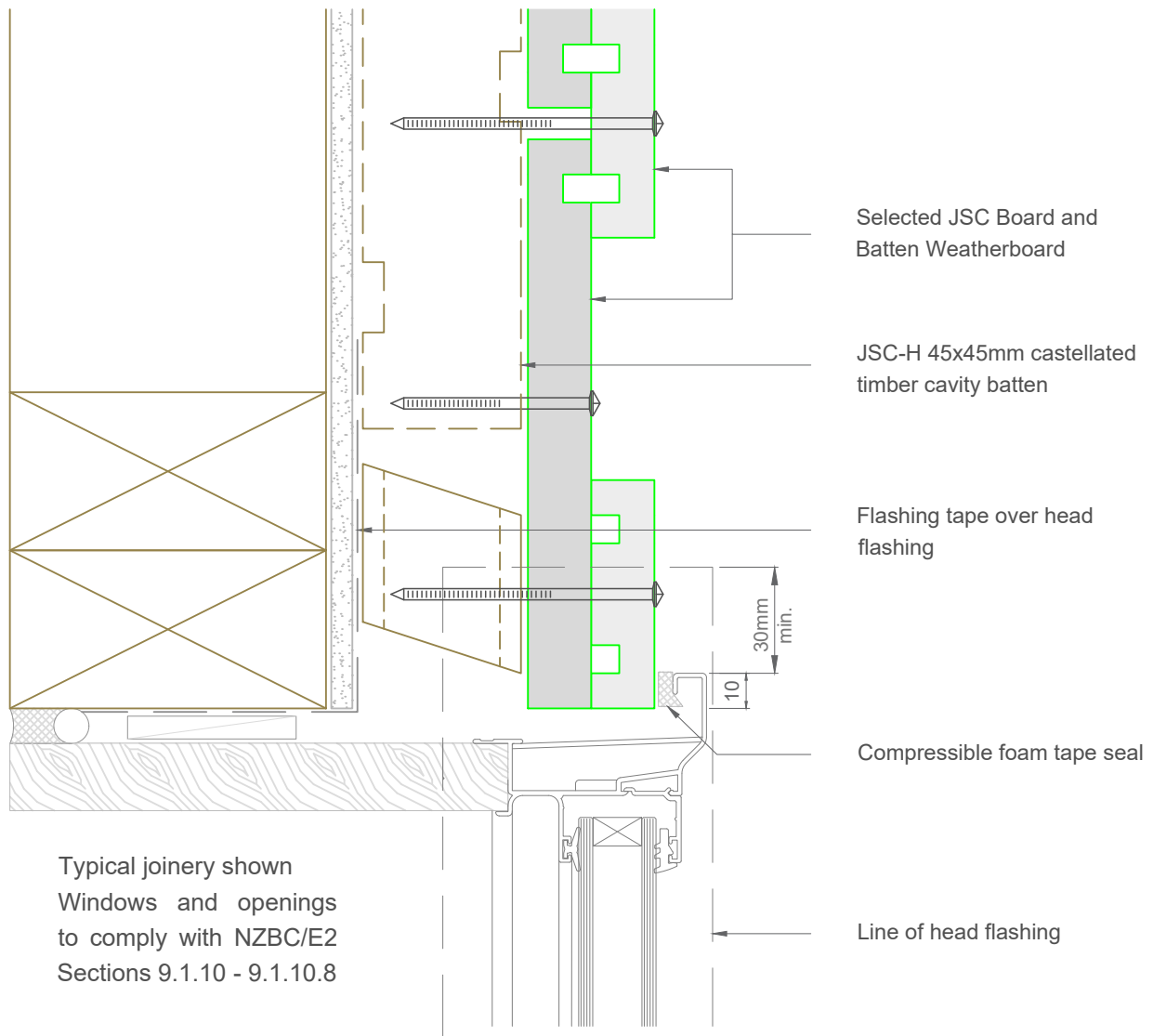
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## Window Jamb Detail - Rigid Underlay

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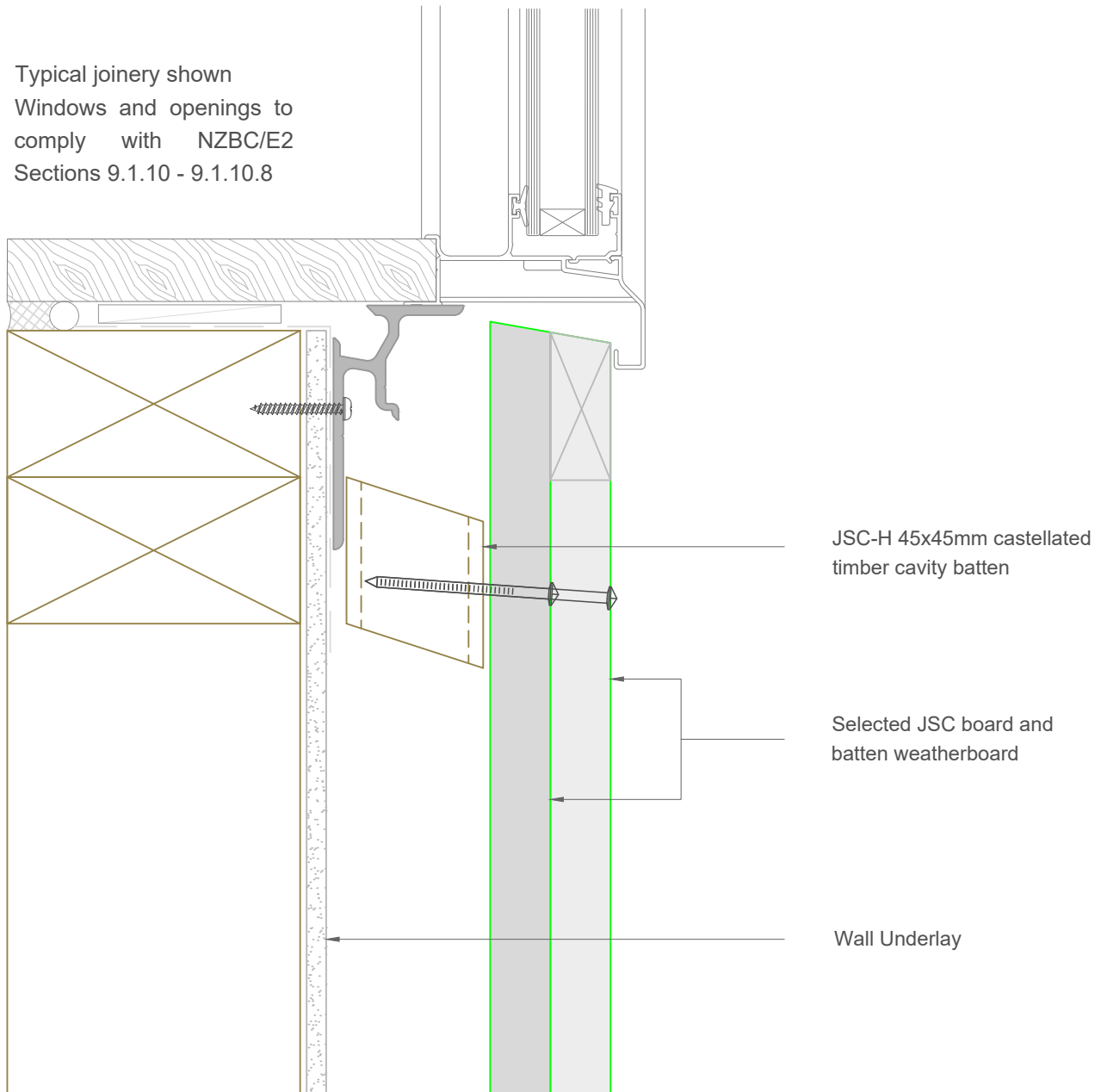
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Typical joinery shown  
Windows and openings to  
comply with NZBC/E2  
Sections 9.1.10 - 9.1.10.8



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## Window Sill Detail - Rigid Underlay

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