

JSC Board & Batten

Board and Batten Weatherboard Cladding

45mm Cavity on Rigid Underlay

Version 1.4 | 11/02/2026



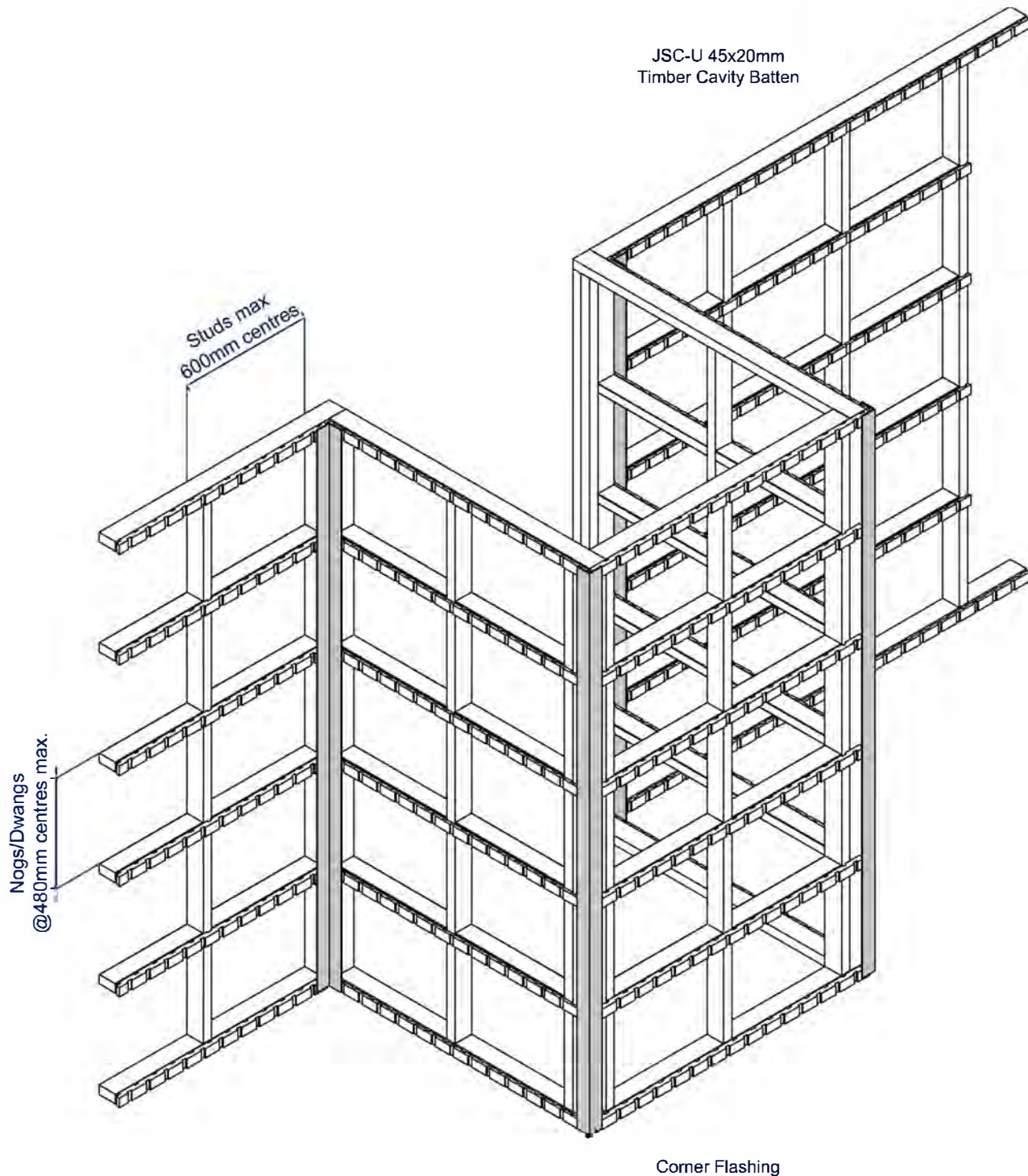
PREMIUM ARCHITECTURAL
& BUILDING SOLUTIONS

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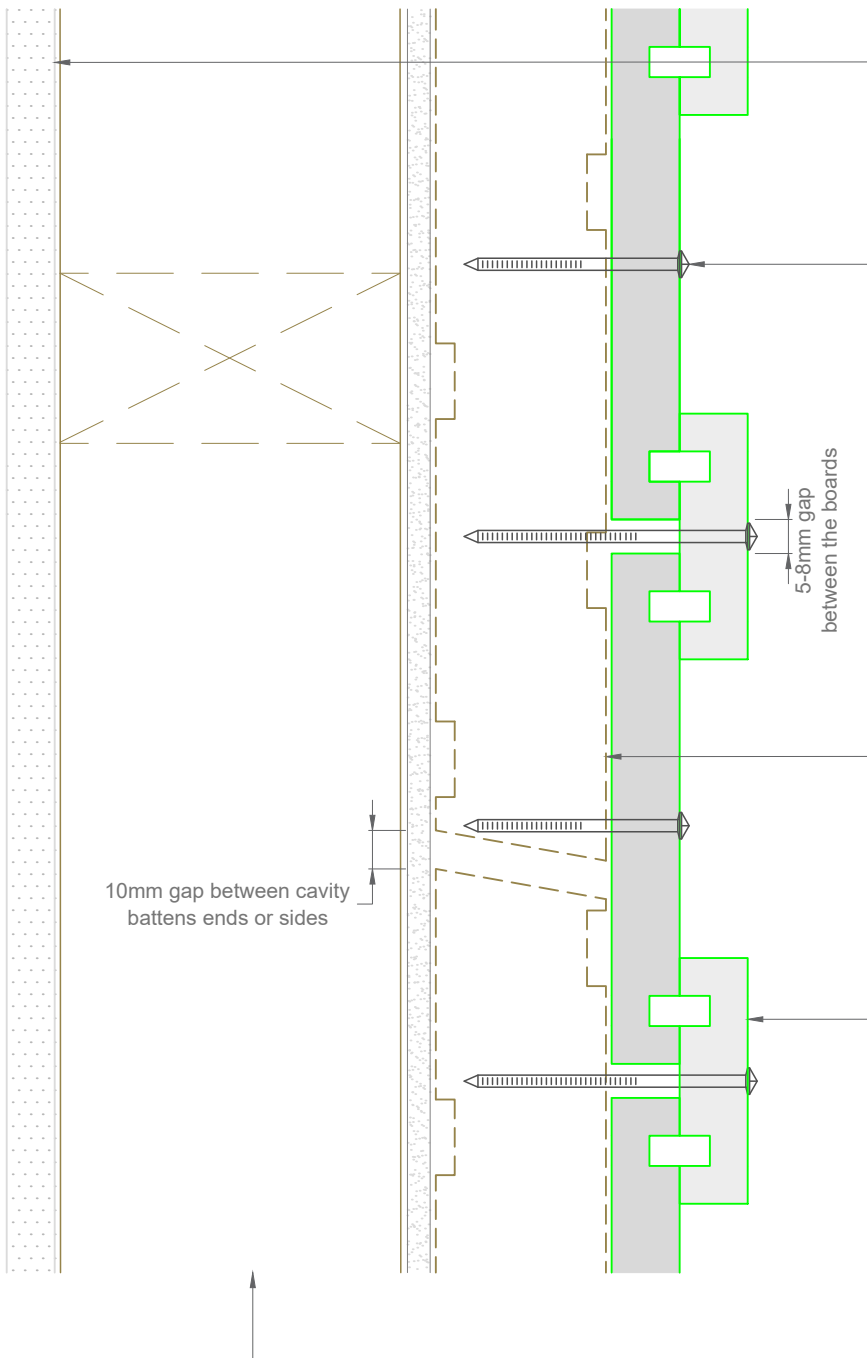
20mm Cavity Batten Setout fixed Horizontally



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 9.1.3

Single fix at each nog with annular grooved stainless steel or silicon bronze nails as per NZBC/E2 Table C.3.1.1

- 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 C.2.1.1 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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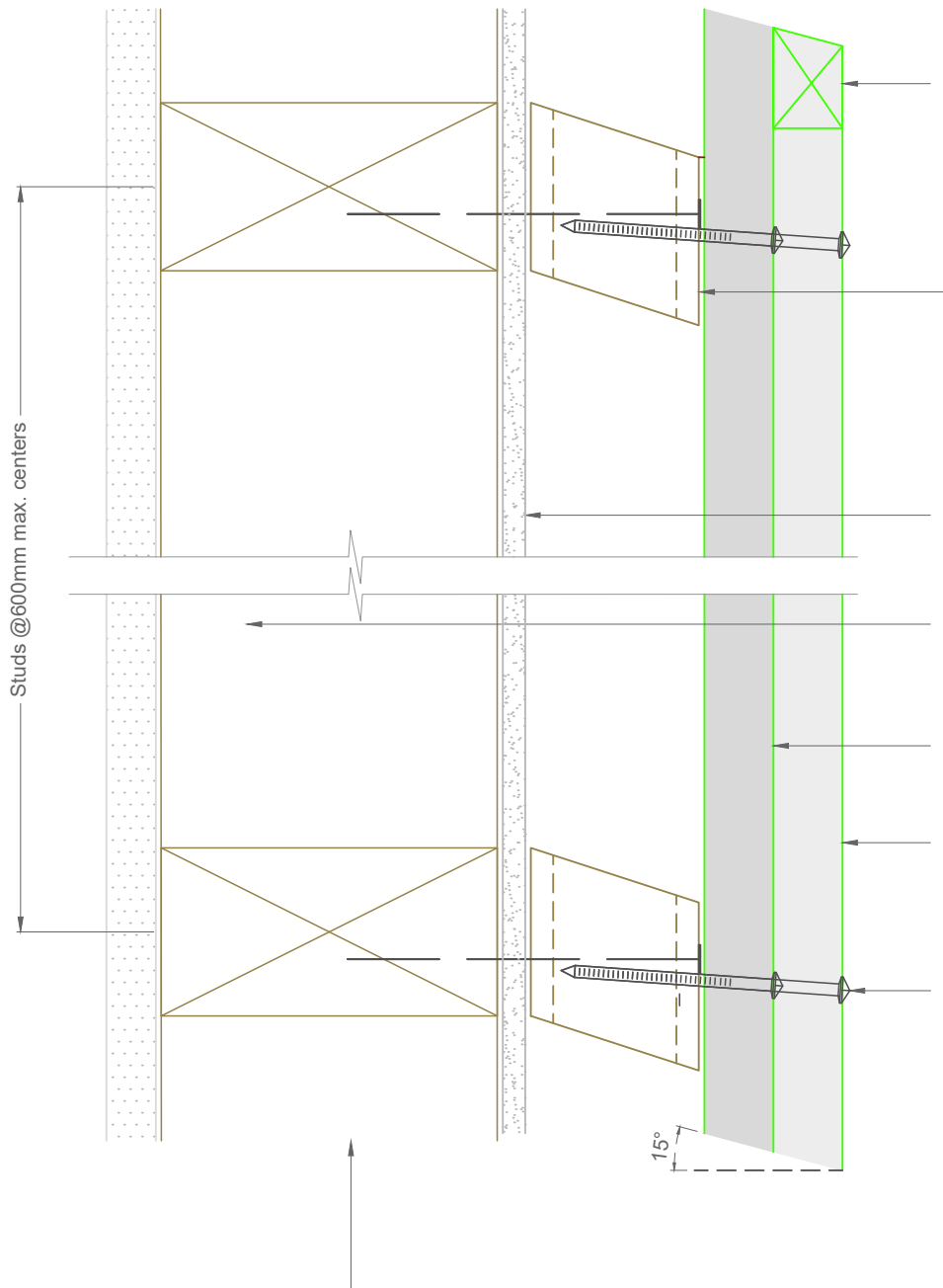
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Cross Section View

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 C.2.1.1 installed to manufacturers specifications

Interior lining or use rigid wall underlay for unlined walls such as gable ends.
See NZBC/E2 Paragraph 9.1.3

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 C.3.1.1

- 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"

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Sectional Detail - Rigid Underlay

JVB-R45-SEC02

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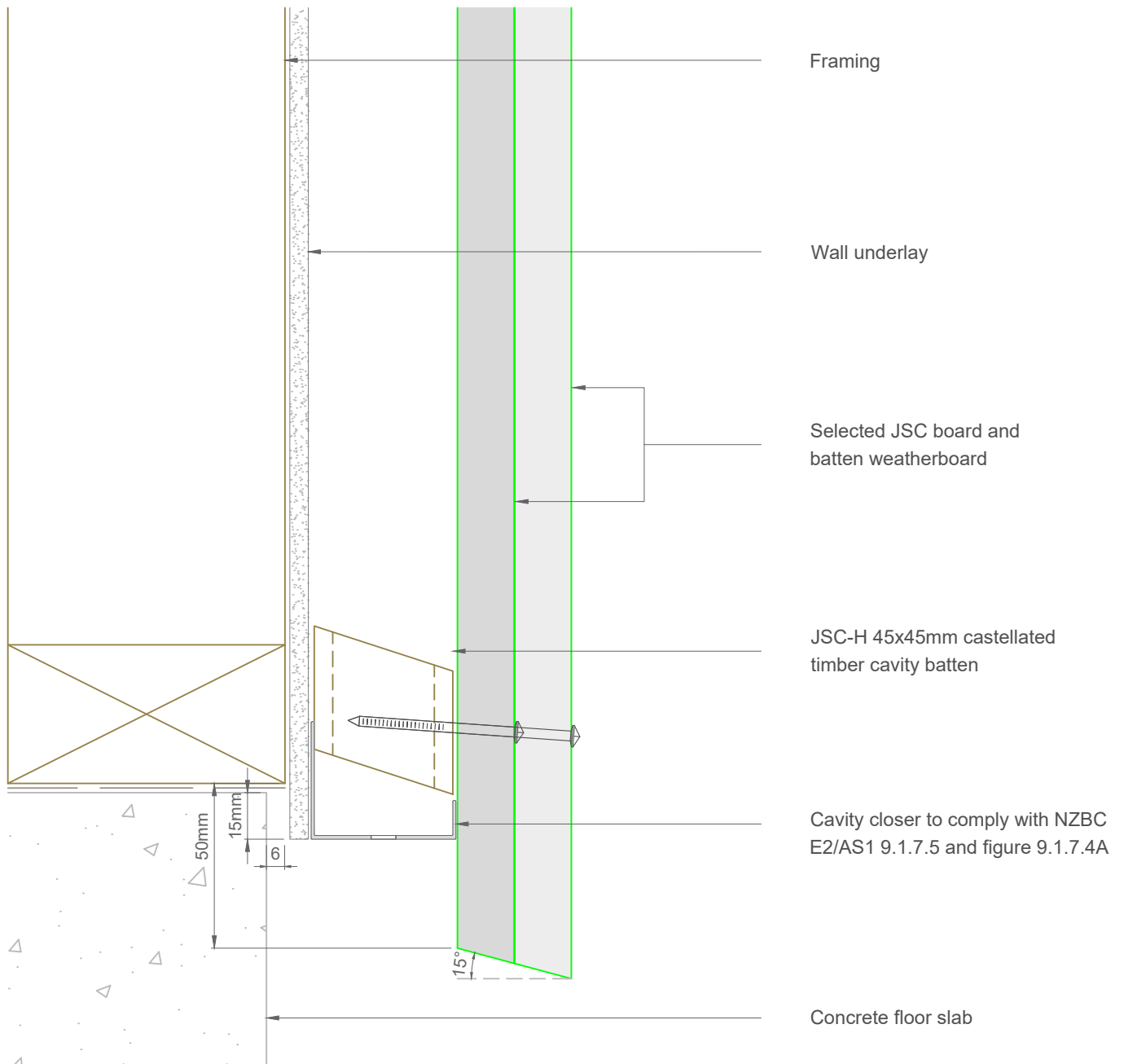
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Note:- Maintain ground clearance as per NZBC/E2 paragraph 9.1.2.6 and Table 9.1.2.1

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Bottom Plate Detail - Rigid Underlay

JVB-R45-01

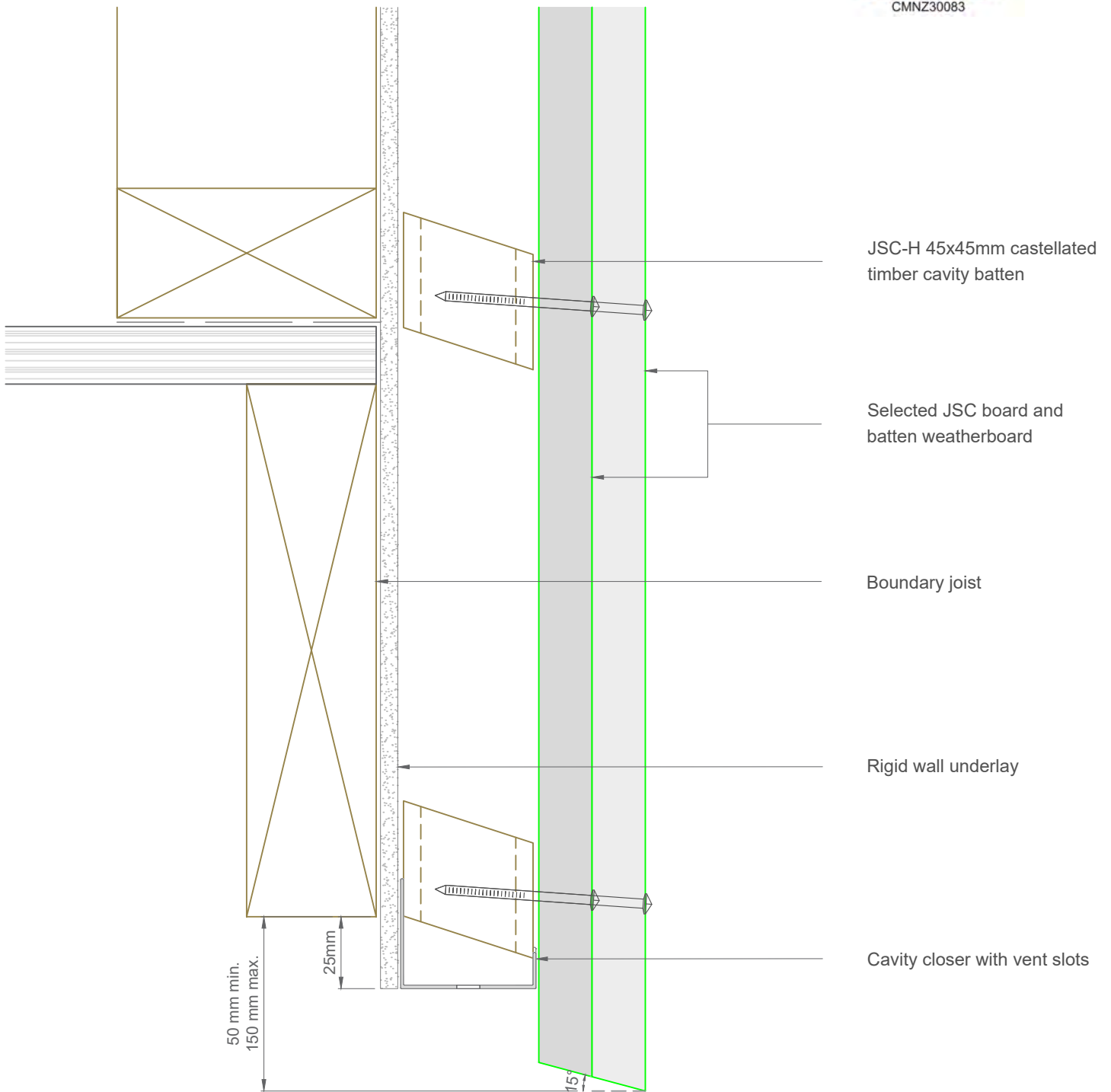
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Note:- Maintain ground clearance as per NZBC/E2 paragraph 9.1.2.6 and Table 9.1.2.1

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Bottom Plate on Timber Detail - Rigid Underlay

JVB-R45-01A

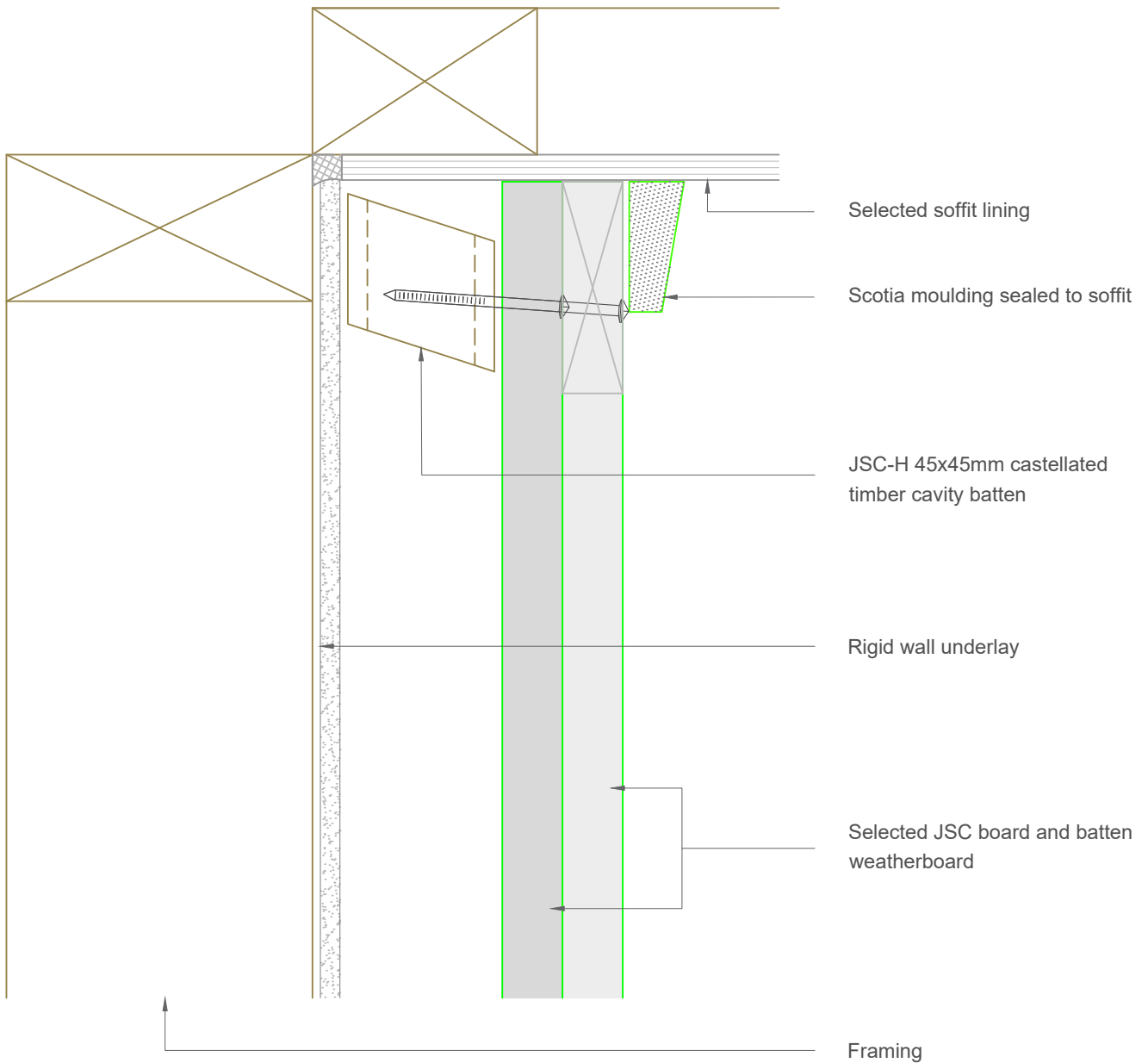
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Top Plate Soffit Detail - Rigid Underlay

JVB-R45-02

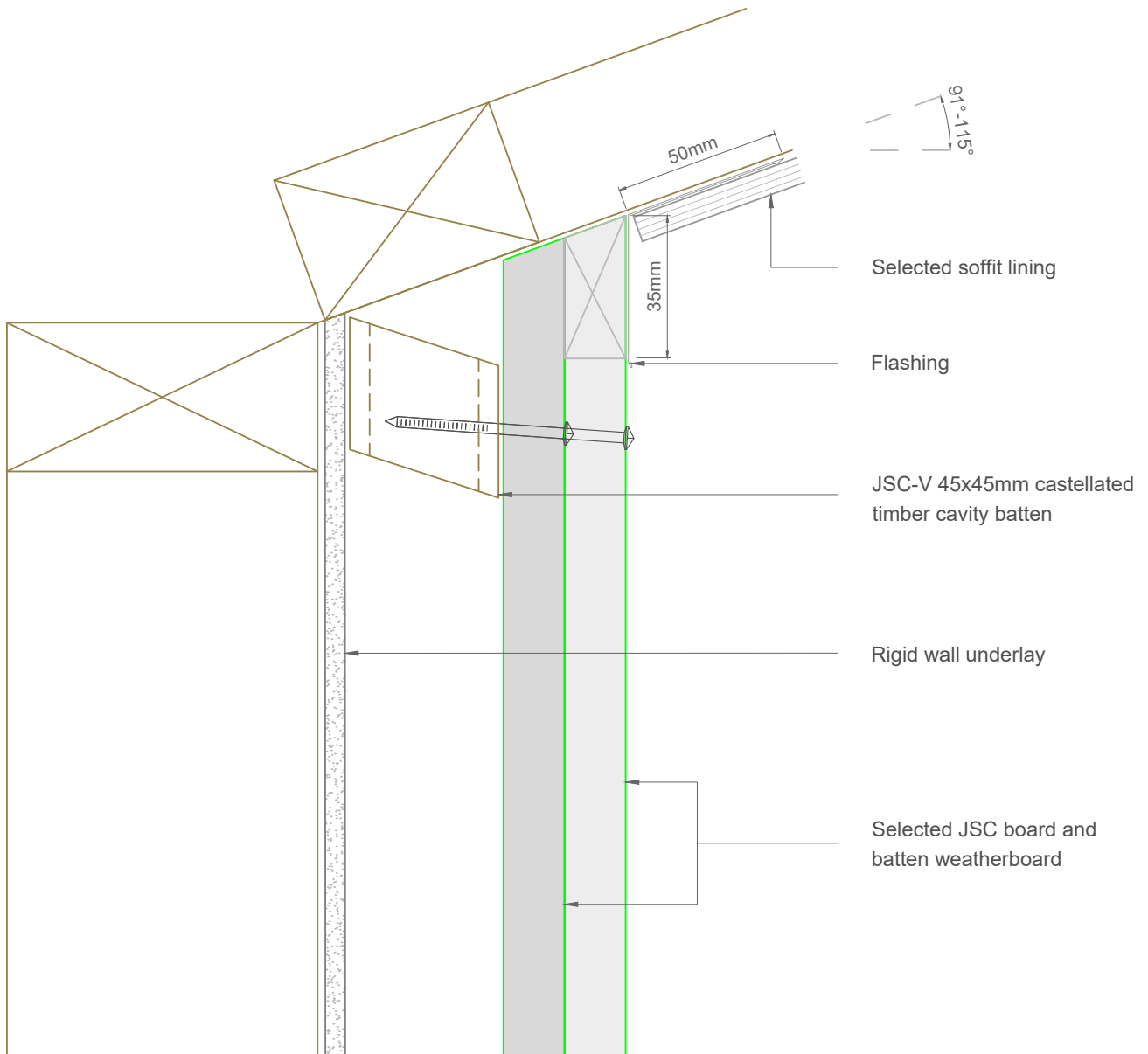
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Raking Soffit Detail - Rigid Underlay

JVB-R45-03

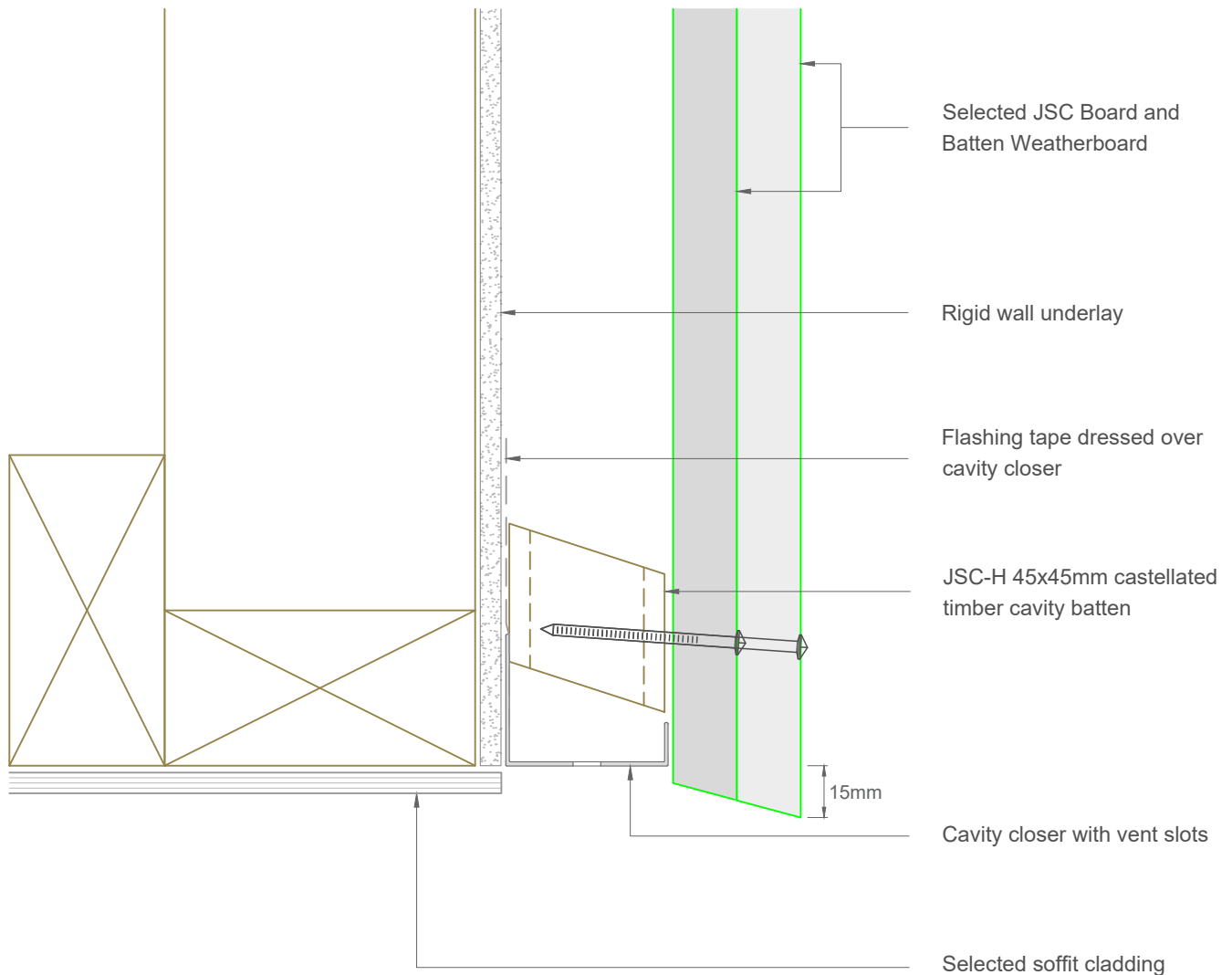
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Bottom Plate Soffit Detail - Rigid Underlay

JVB-R45-04

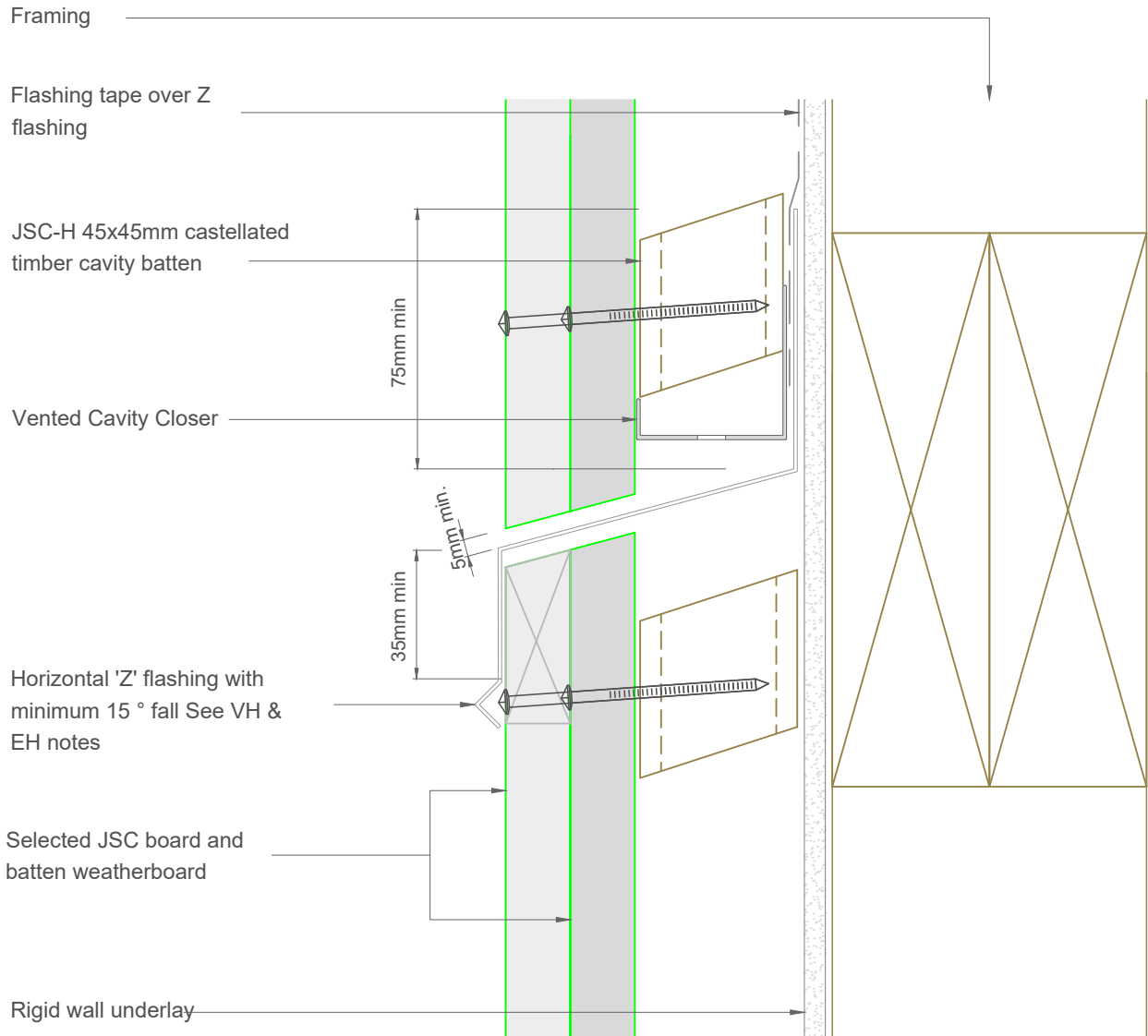
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Inter Storey Junction Detail - Rigid Underlay

JVB-R45-05

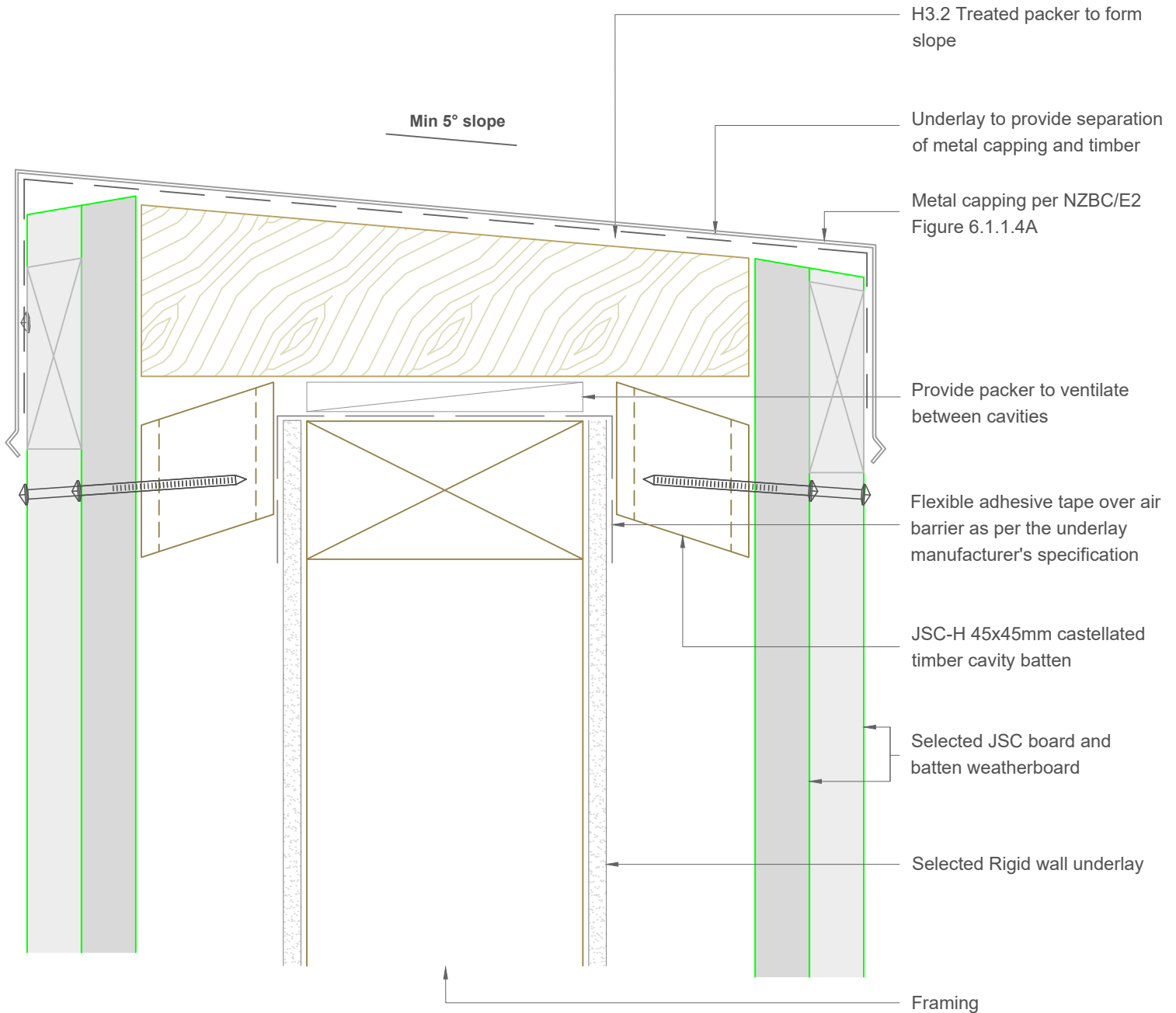
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Note:- Parapet Design & installation should comply to NZBC/E2 Part 6

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Parapet Detail - Rigid Underlay

JVB-R45-06

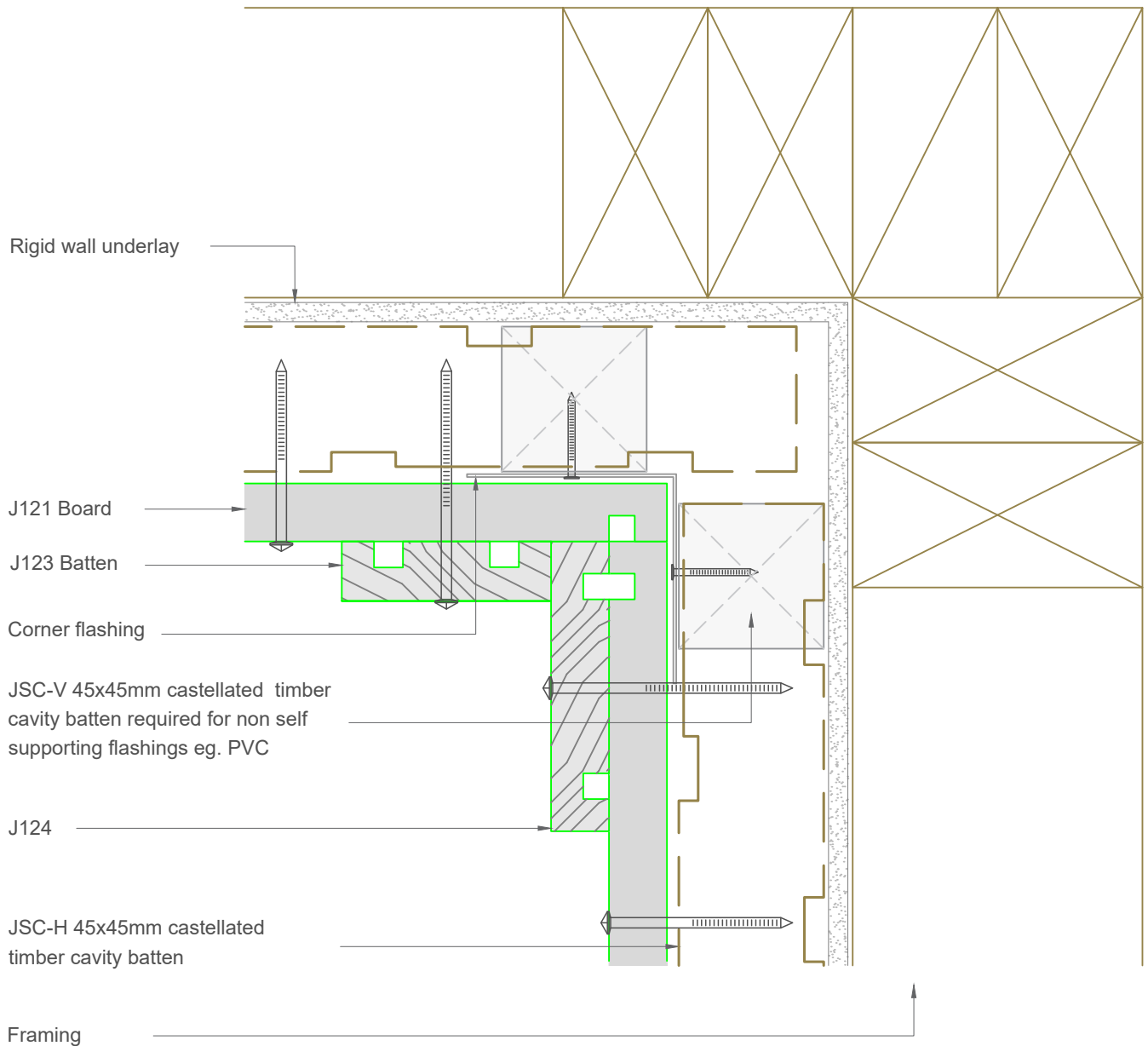
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Internal Corner Detail - Rigid Underlay

JVB-R45-10

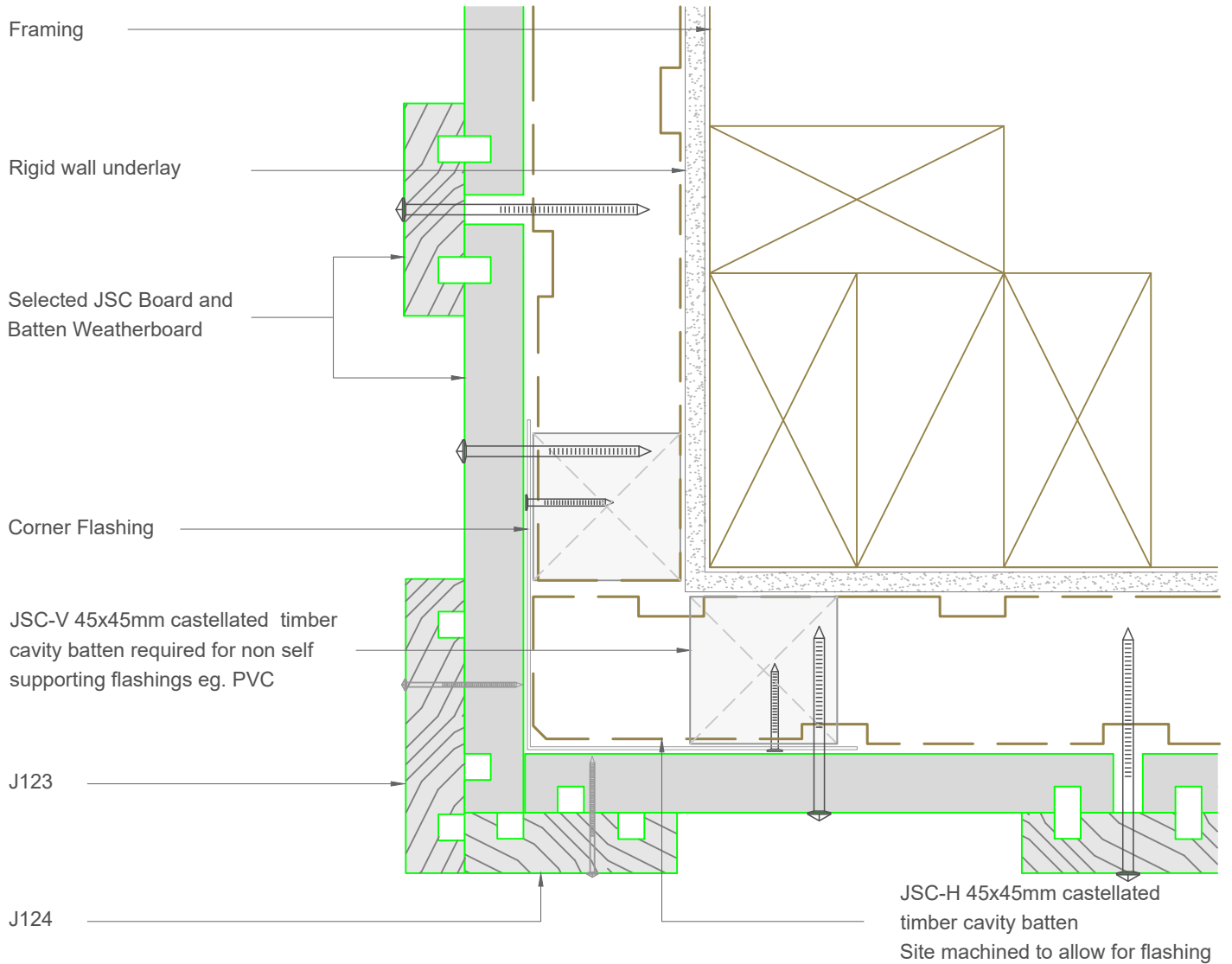
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External Corner Detail - Rigid Underlay

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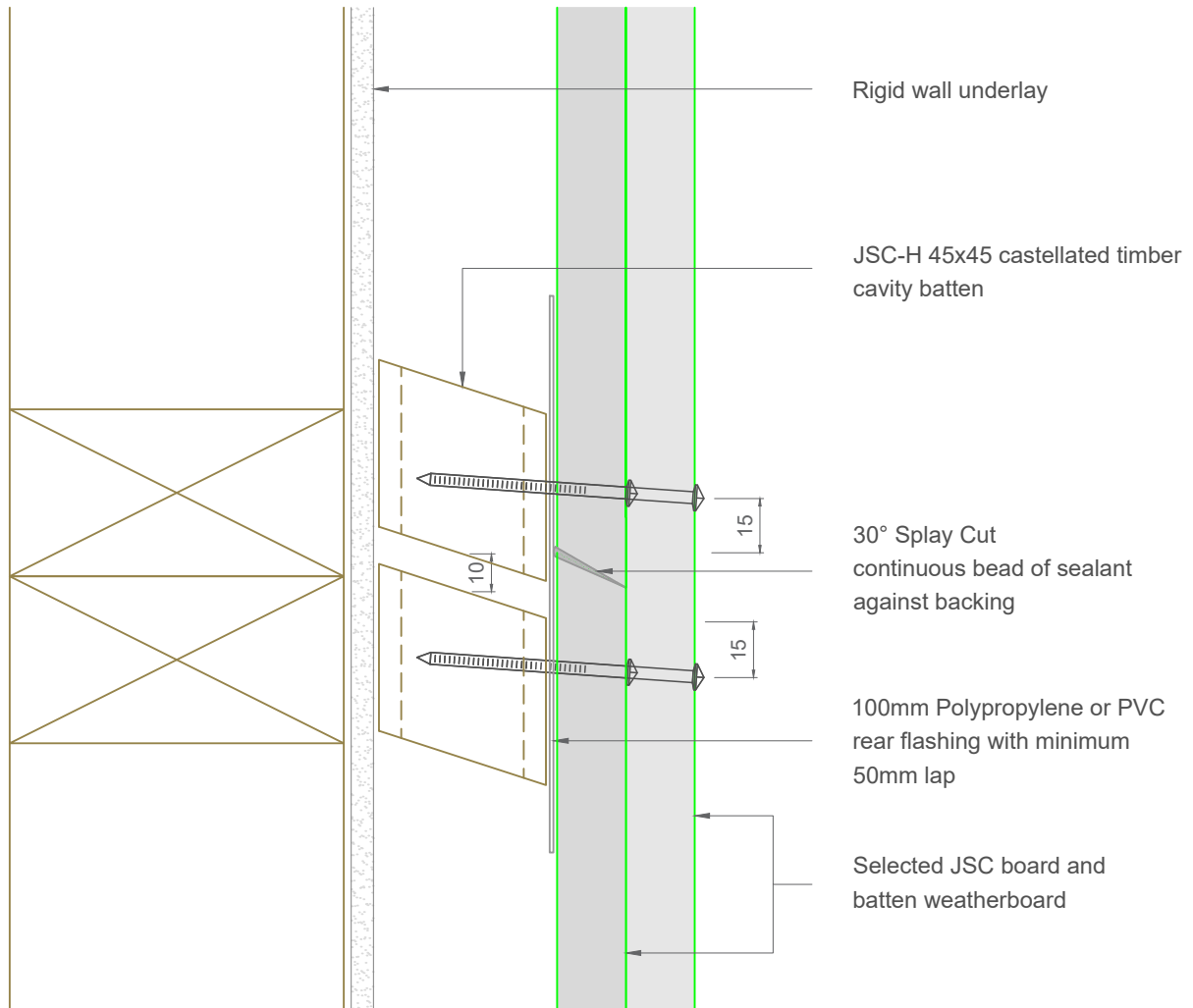
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Scarf Joint Detail - Rigid Underlay

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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

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

Pipe Penetration Detail - Rigid Underlay

JVB-R45-21

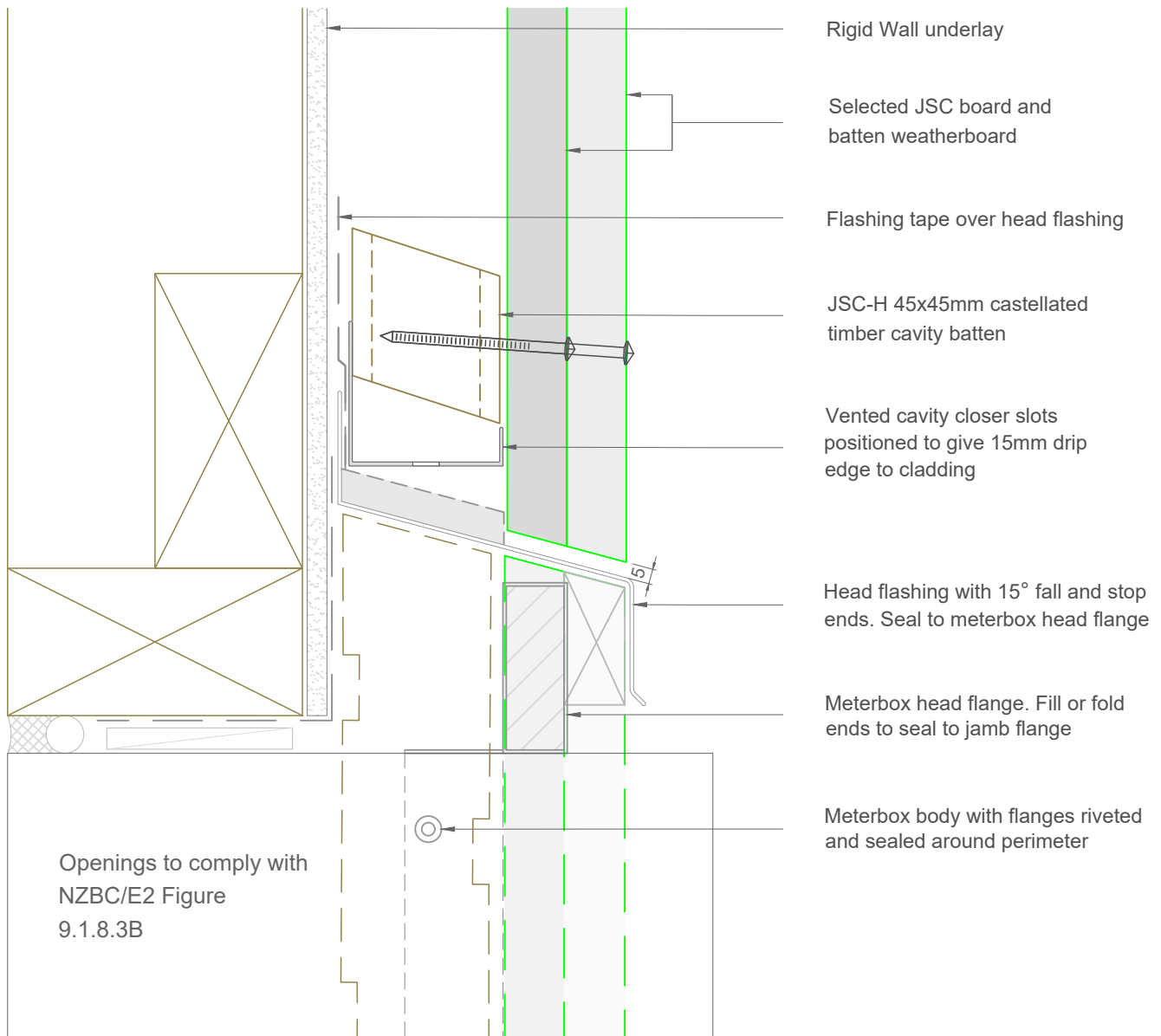
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Meterbox Head Detail - Rigid Underlay

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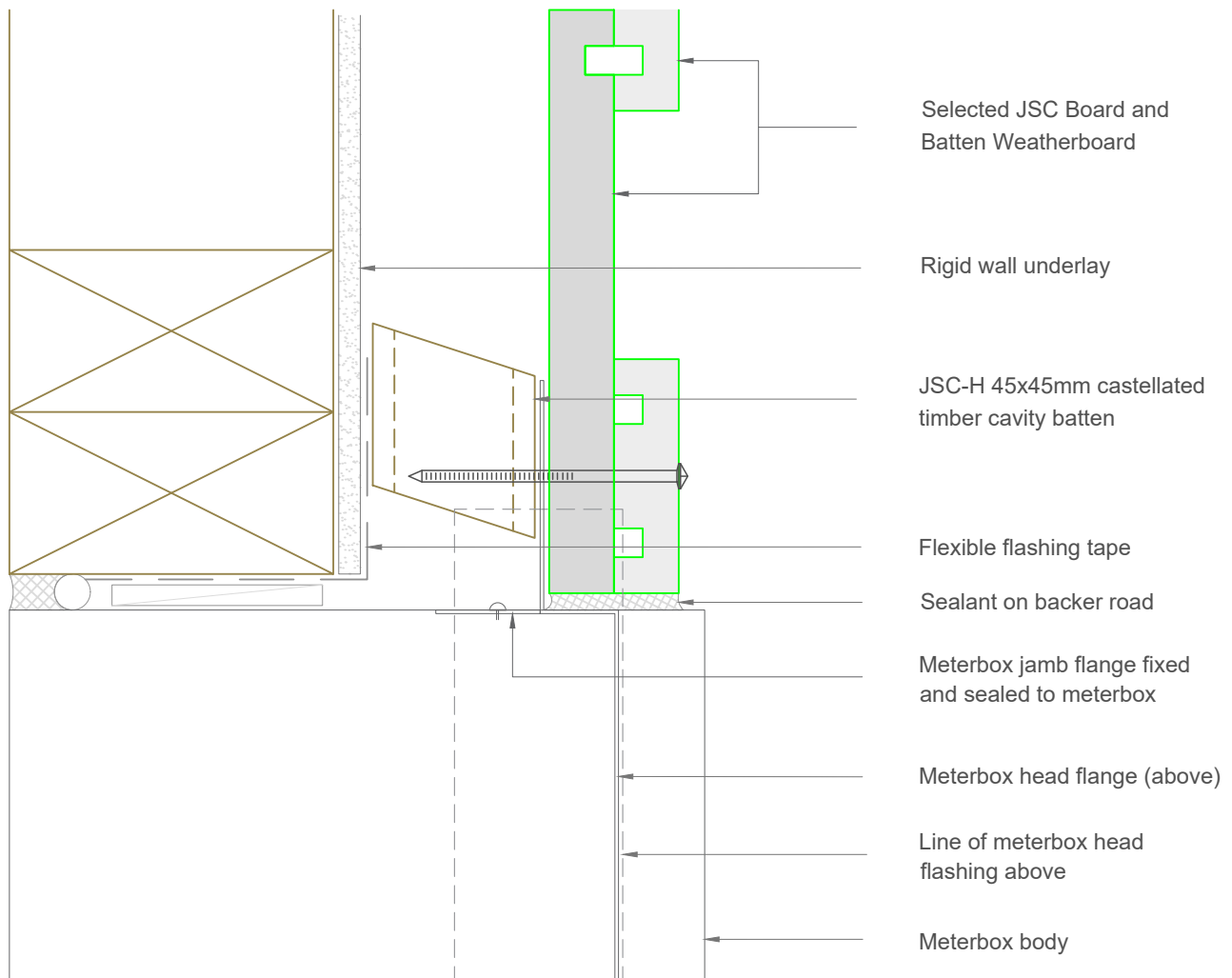
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Meterbox Jamb Detail - Rigid Underlay

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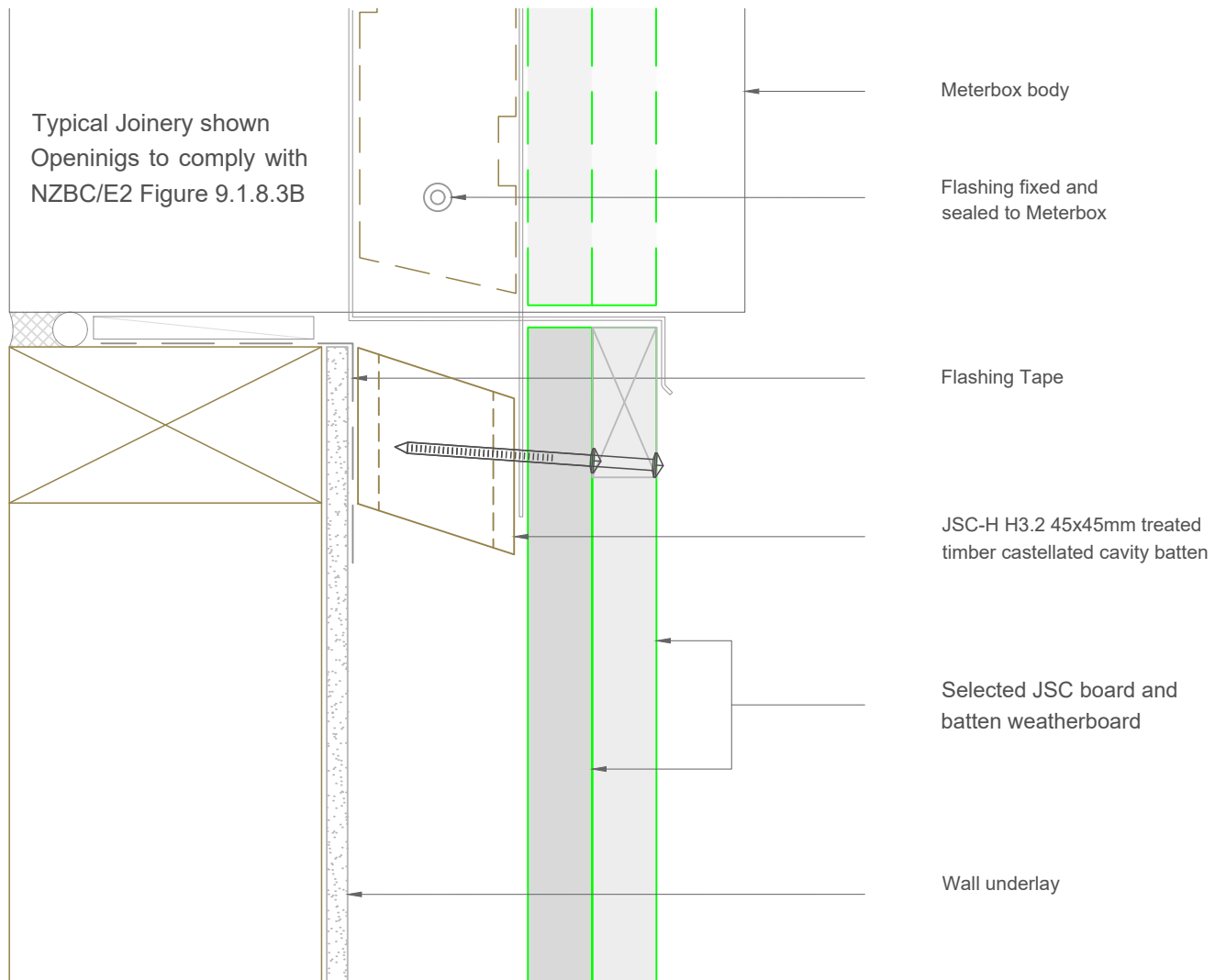
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Meterbox Sill Detail - Rigid Underlay

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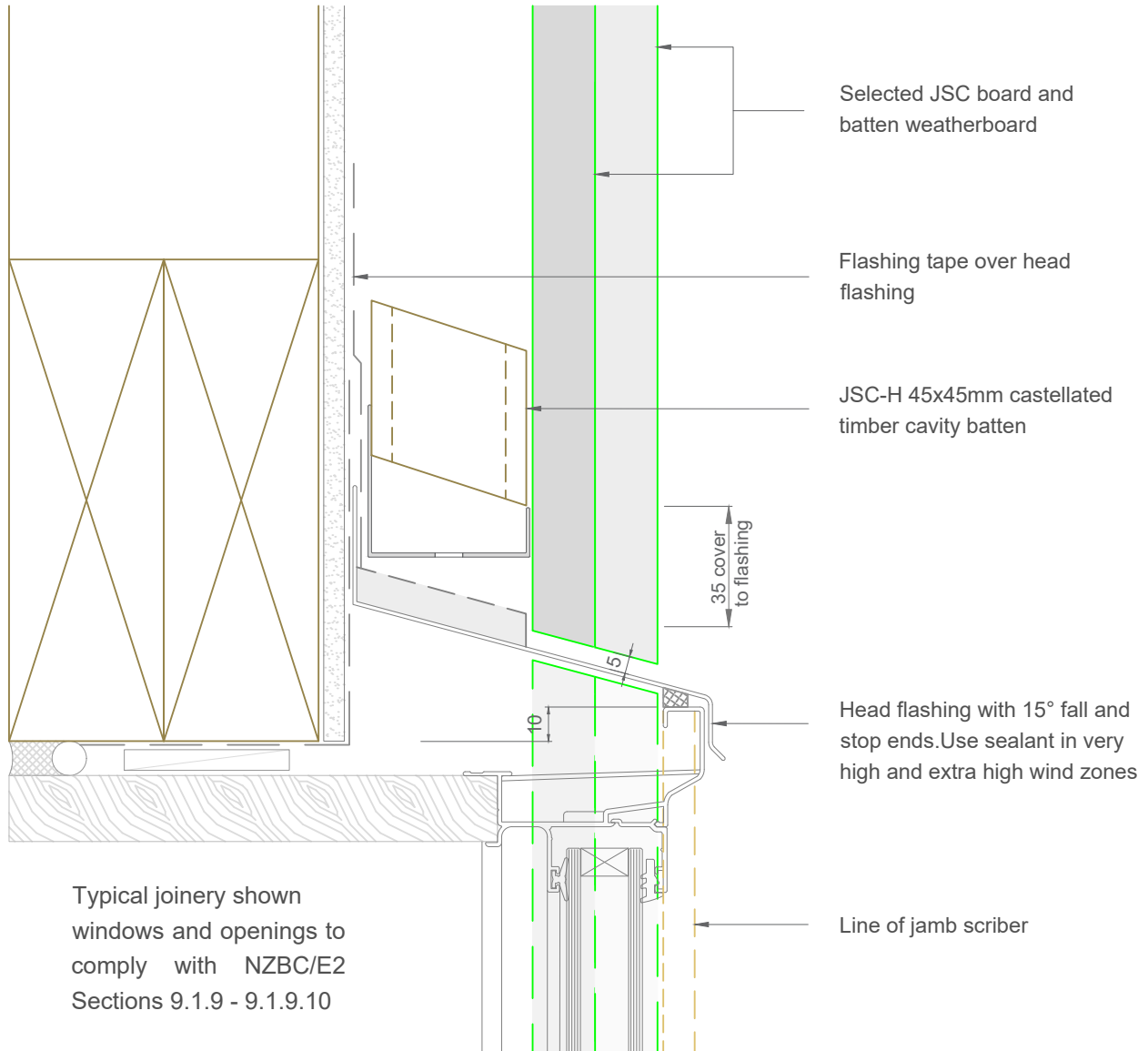
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Window Head Detail - Rigid Underlay

JVB-R45-30

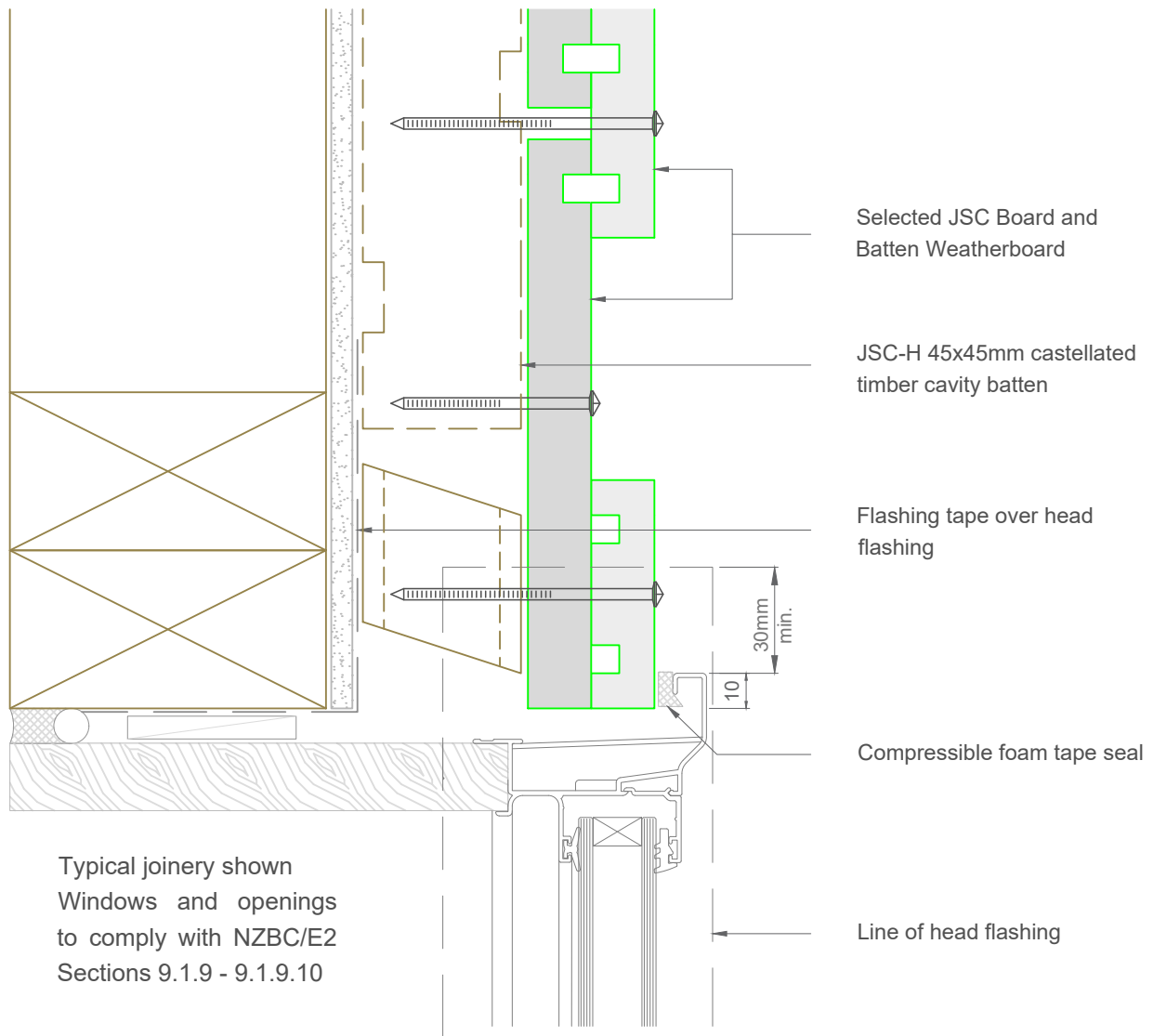
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Window Jamb Detail - Rigid Underlay

JVB-R45-31

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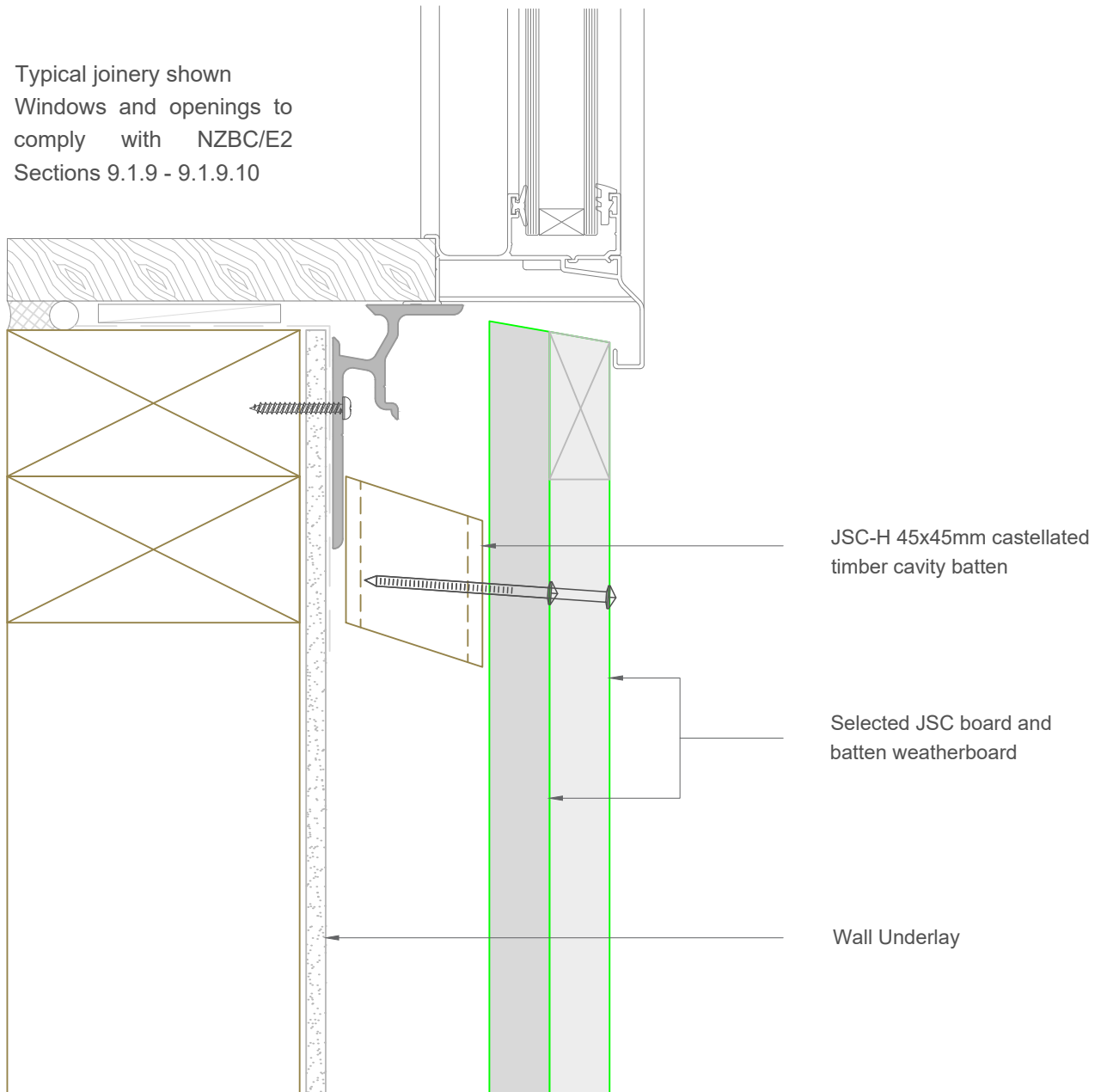
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Typical joinery shown
Windows and openings to
comply with NZBC/E2
Sections 9.1.9 - 9.1.9.10



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

Window Sill Detail - Rigid Underlay

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