

JSC Board & Batten
Board and Batten Weatherboard Cladding
45mm Cavity on Flexible Underlay

Version 1.4 | 11/02/2026



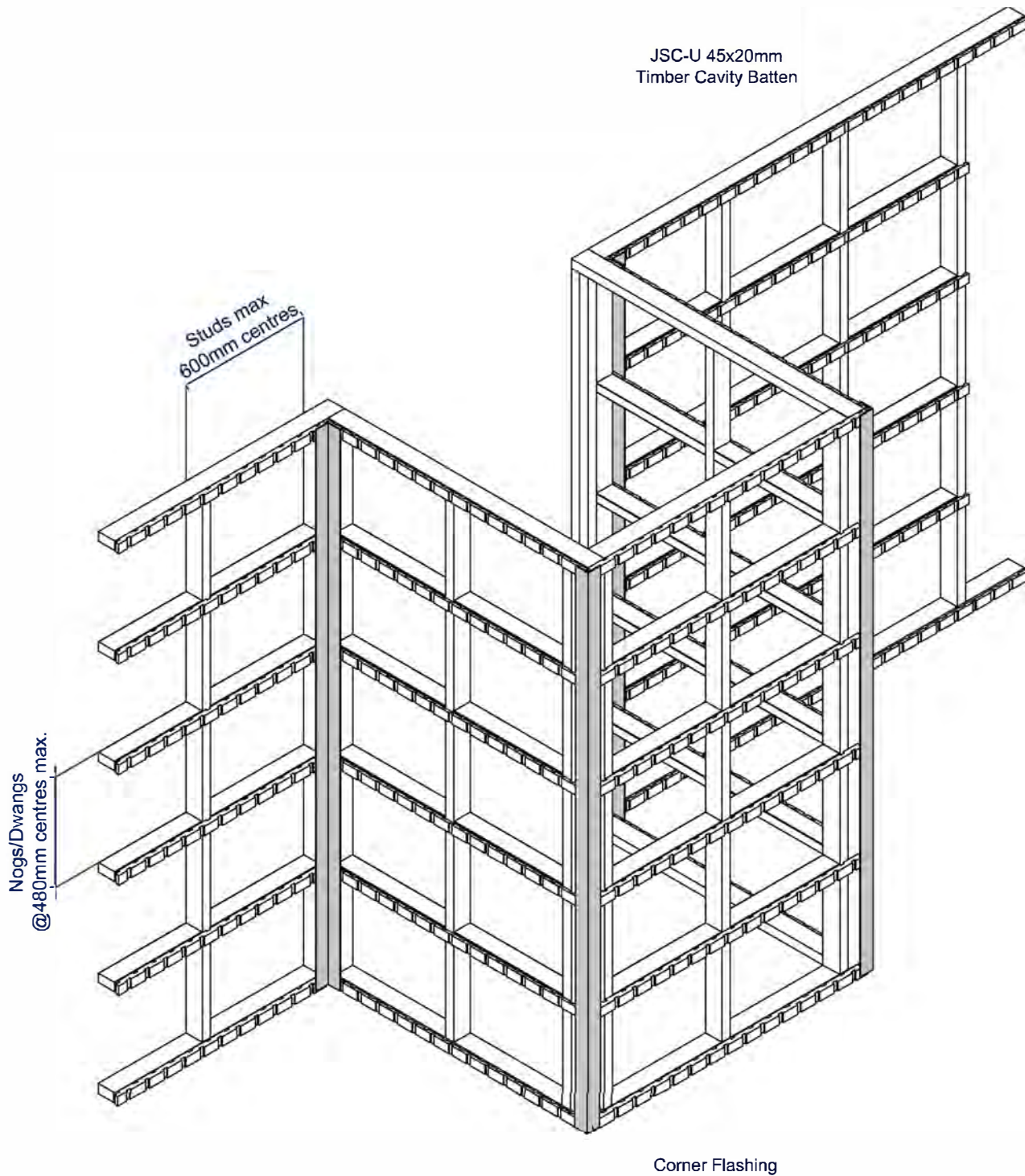
PREMIUM ARCHITECTURAL
& BUILDING SOLUTIONS

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Cavity Setout Guide Fixed Horizontally

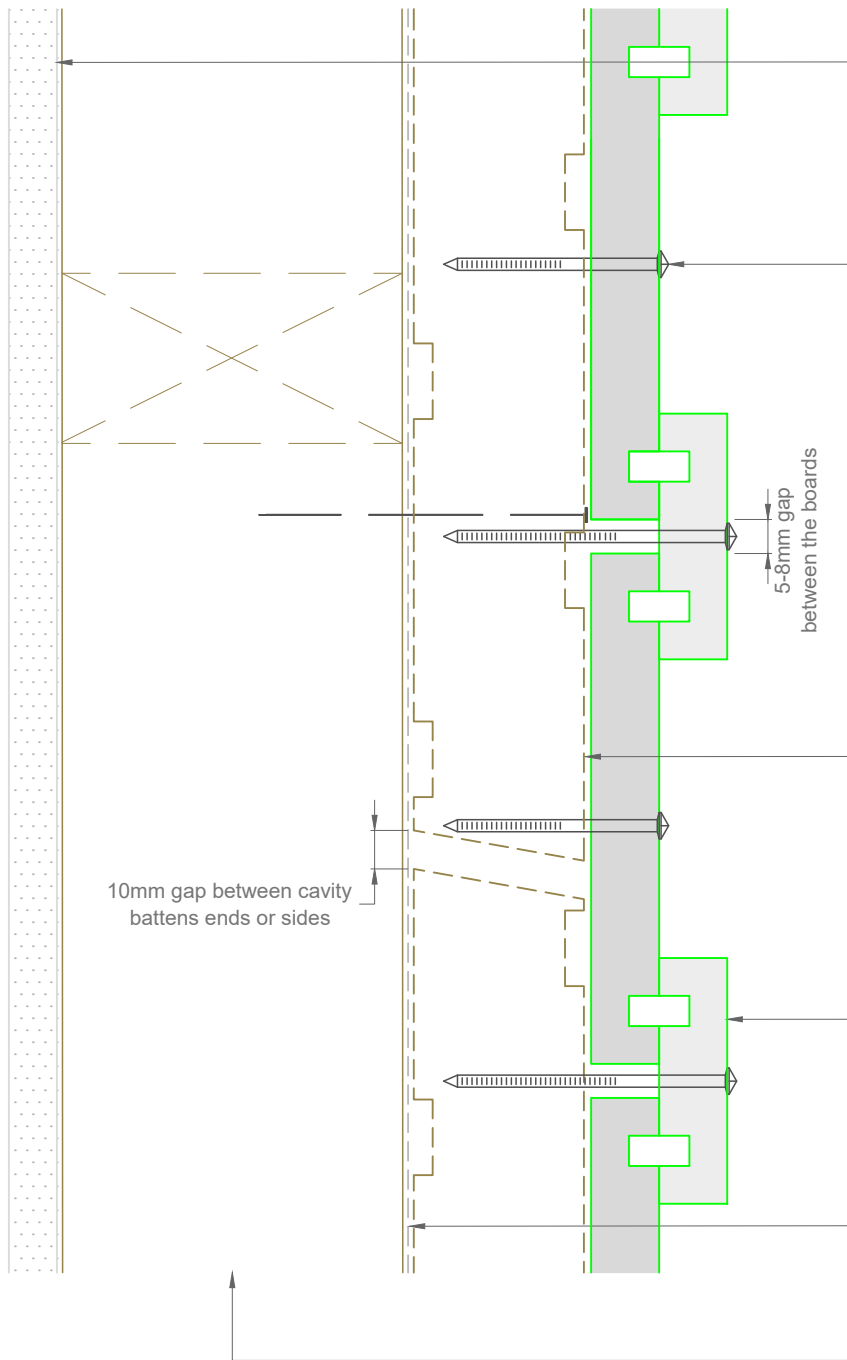
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20mm Cavity Batten Setout fixed Horizontally



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 9.1.3

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

JVB-F45-SEC01

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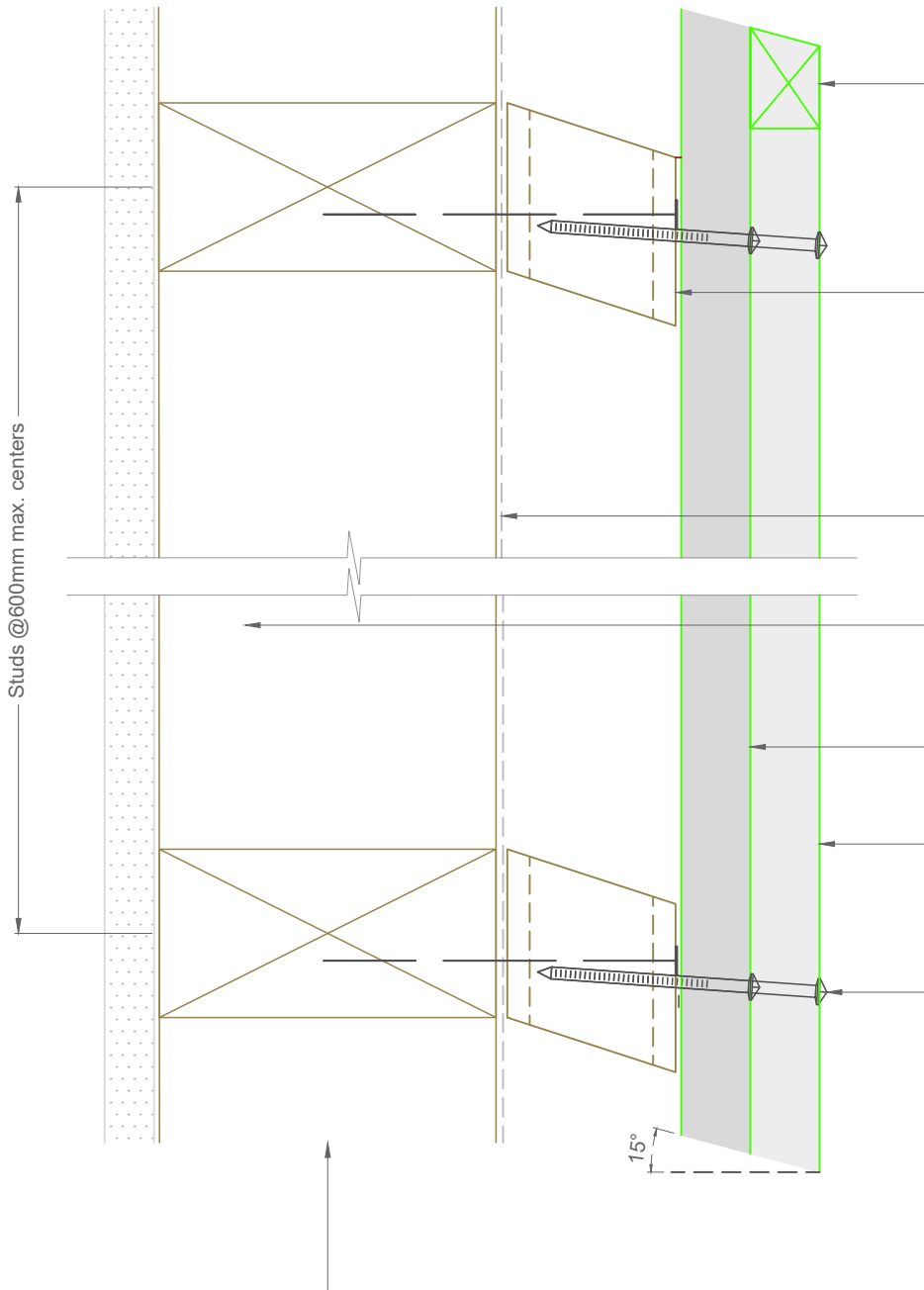
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Cross Section View



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 9.1.2

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

JVB-F45-SEC02

Scale: 1:2
Date: 11/02/2026

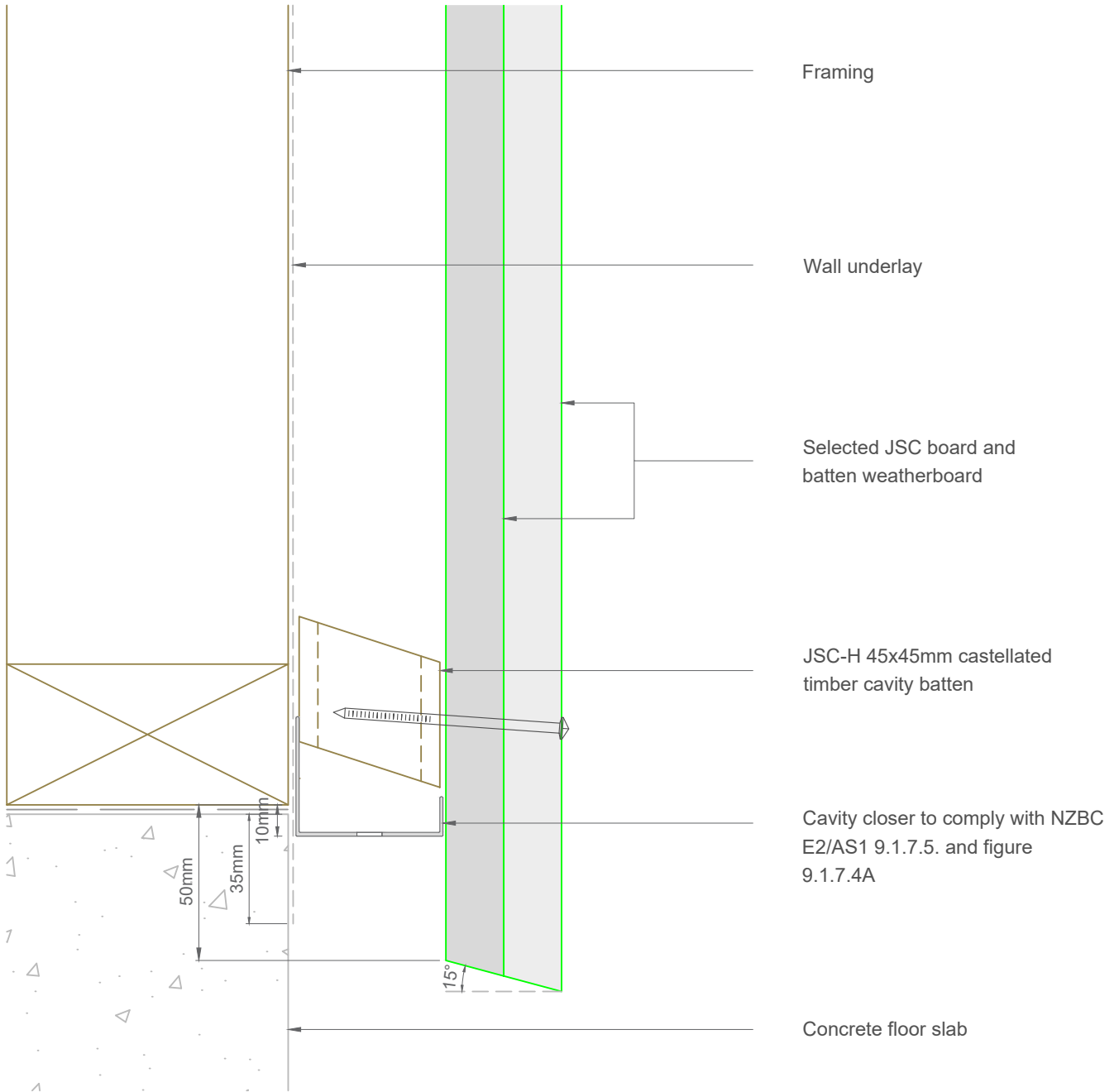
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Note:- Maintain ground clearance as per NZBC/E2 paragraph 9.1.2.6 and Table 9.1.2.1

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Bottom Plate Detail

JVB-F45-01

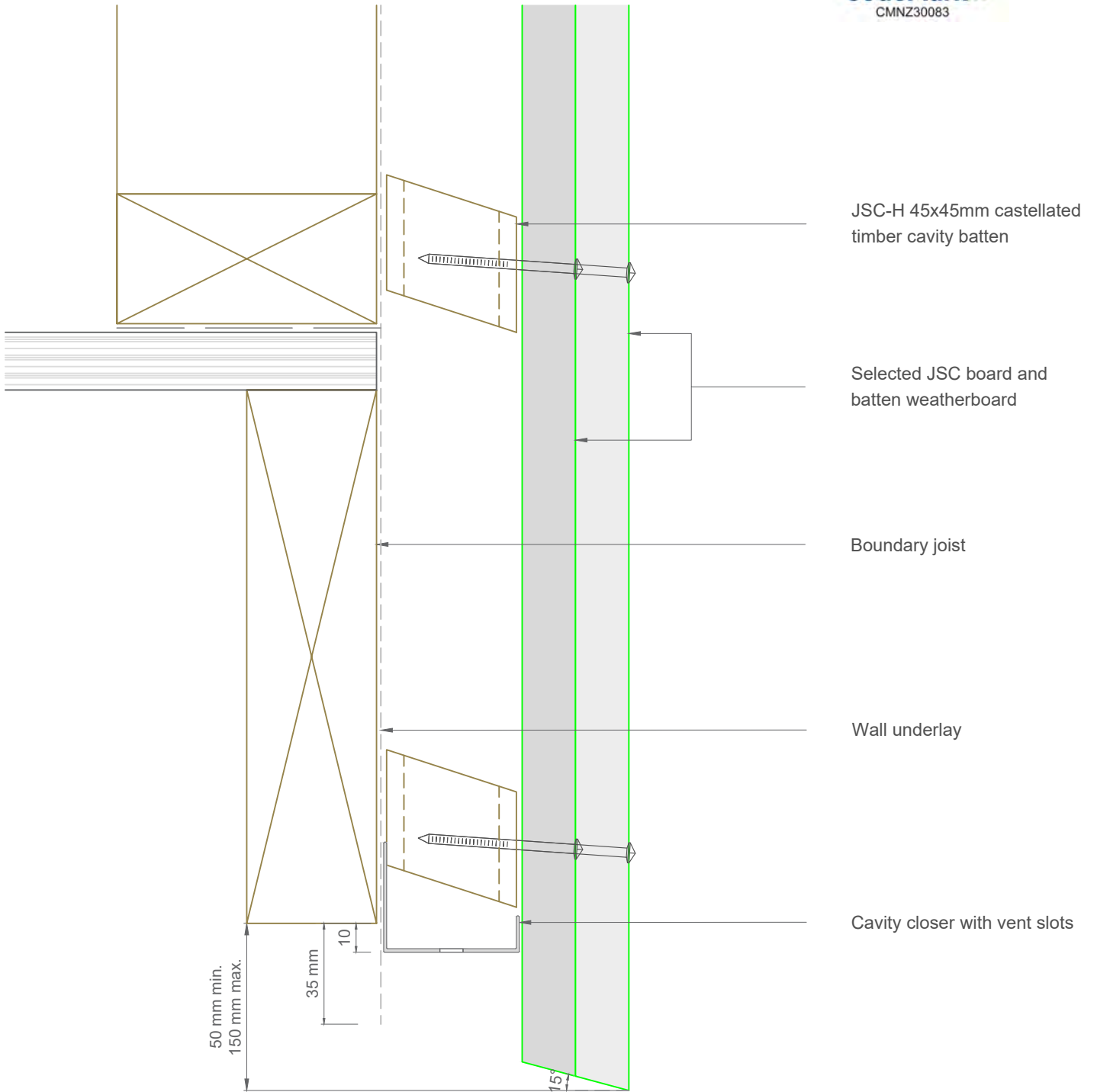
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Note:- Maintain ground clearance as per NZBC/E2 paragraph 9.1.2.6 and Table 9.1.2.1

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Bottom Plate on Timber Detail

JVB-F45-01A

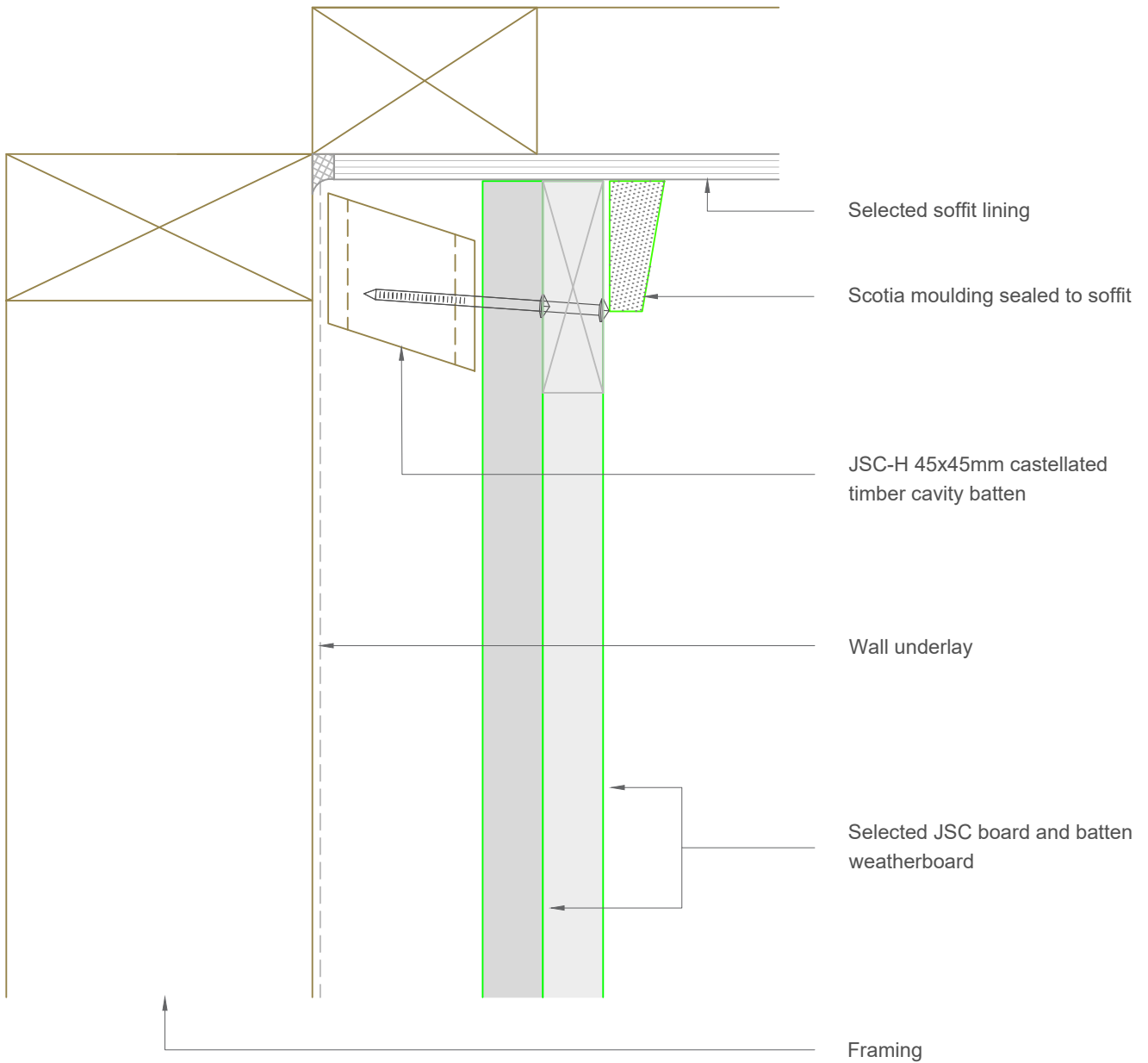
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Top Plate Soffit Detail

JVB-F45-02

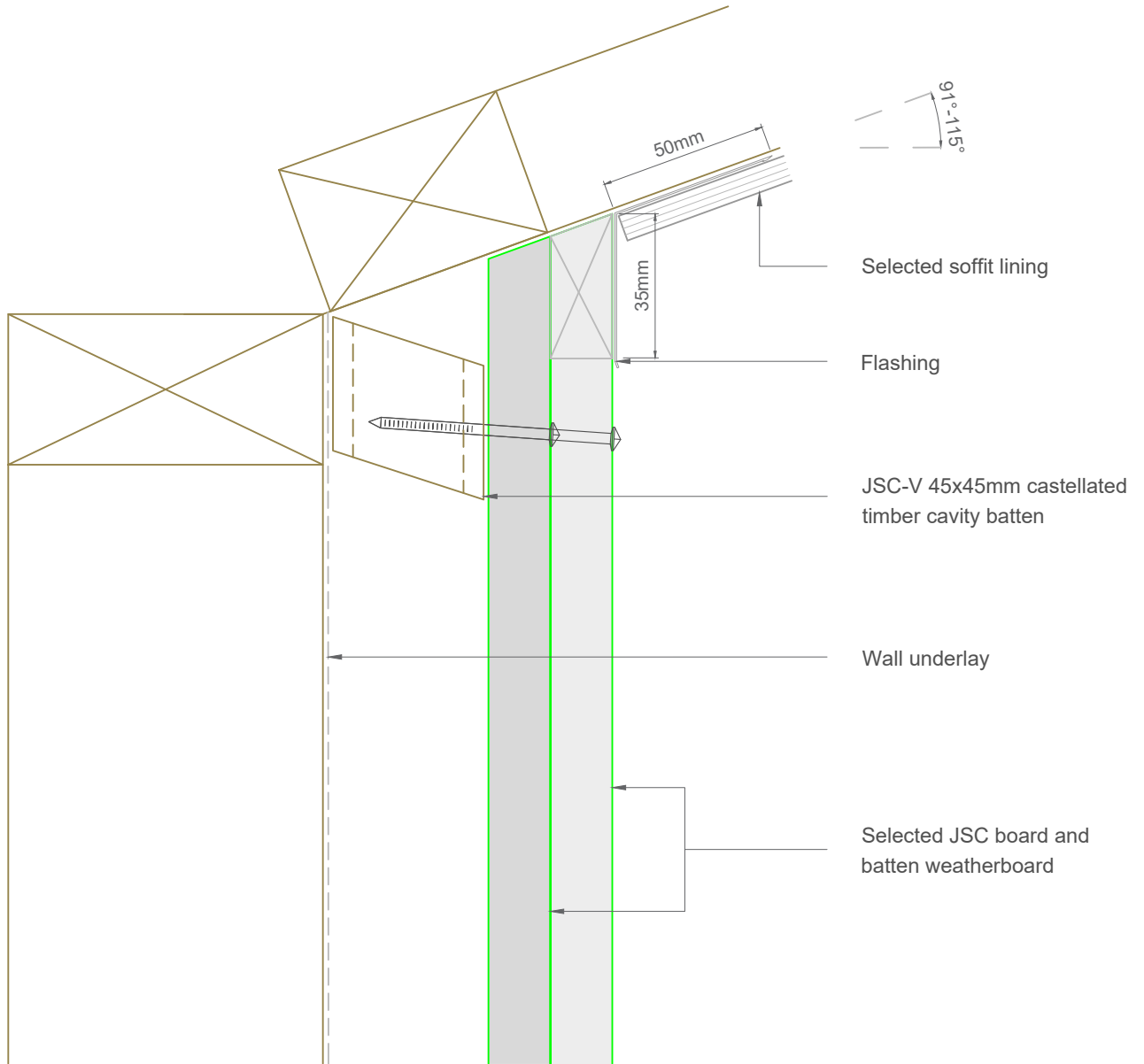
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Raking Soffit Detail

JVB-F45-03

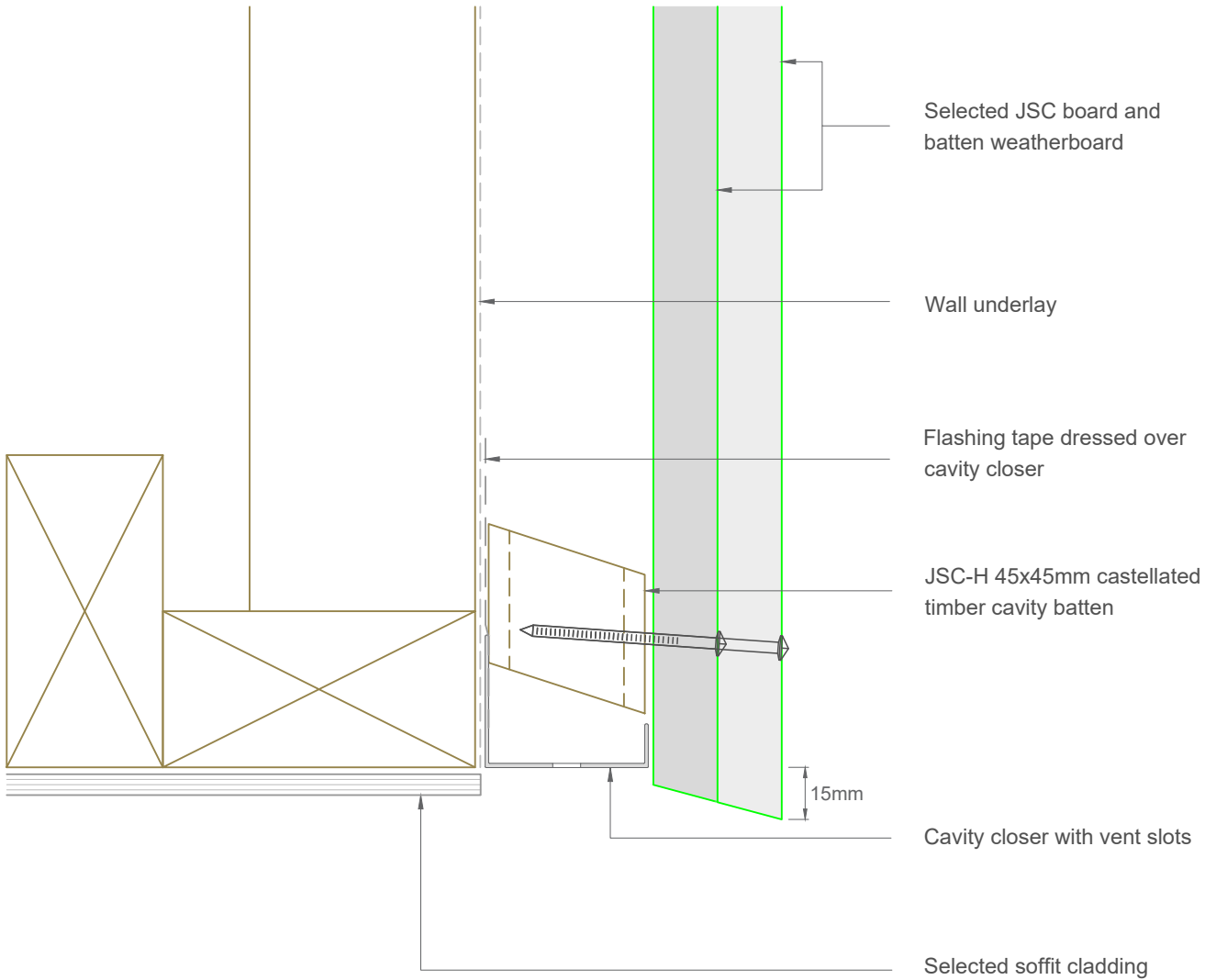
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Bottom Plate Soffit Detail

JVB-F45-04

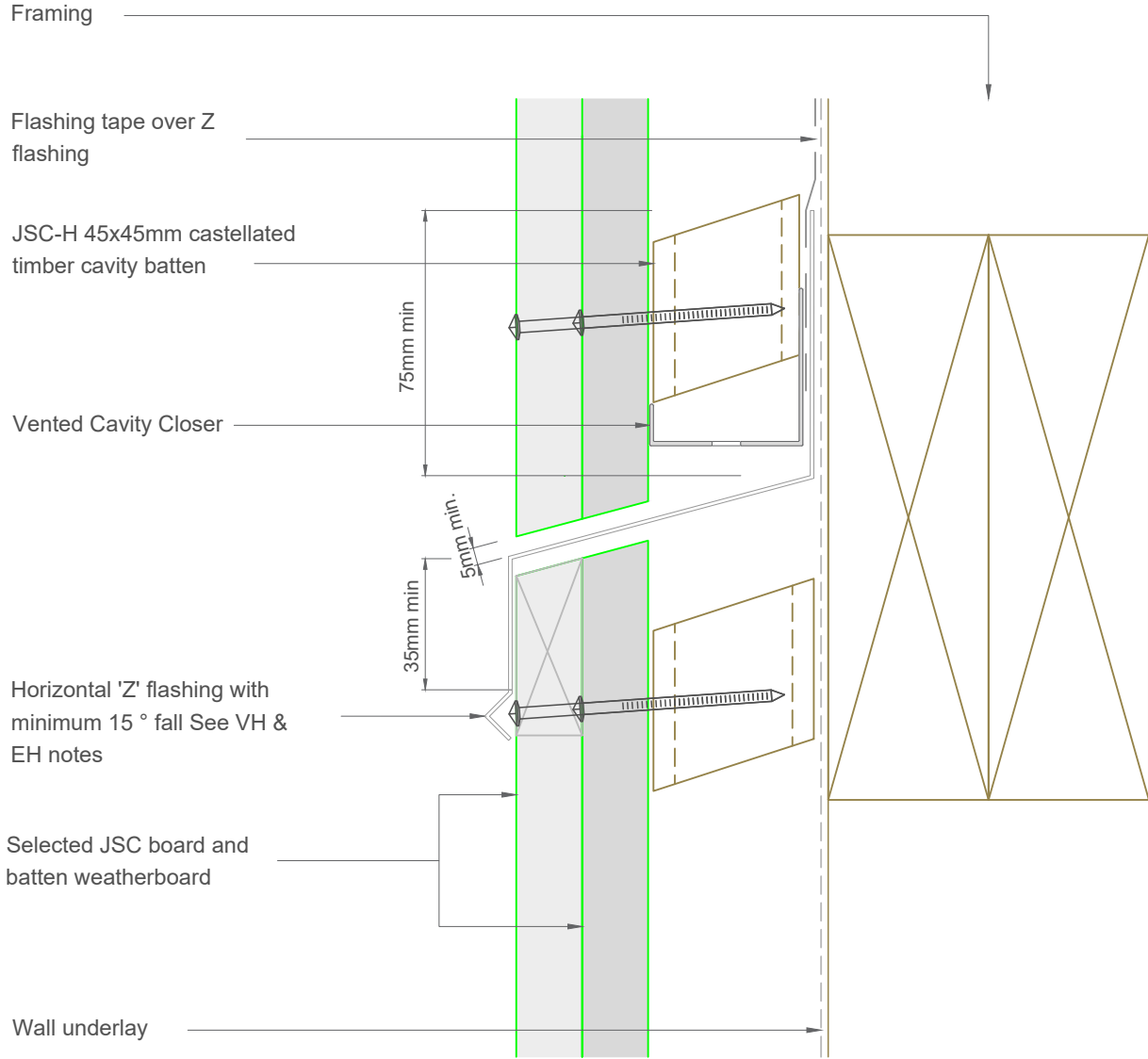
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Inter Storey Junction Detail

JVB-F45-05

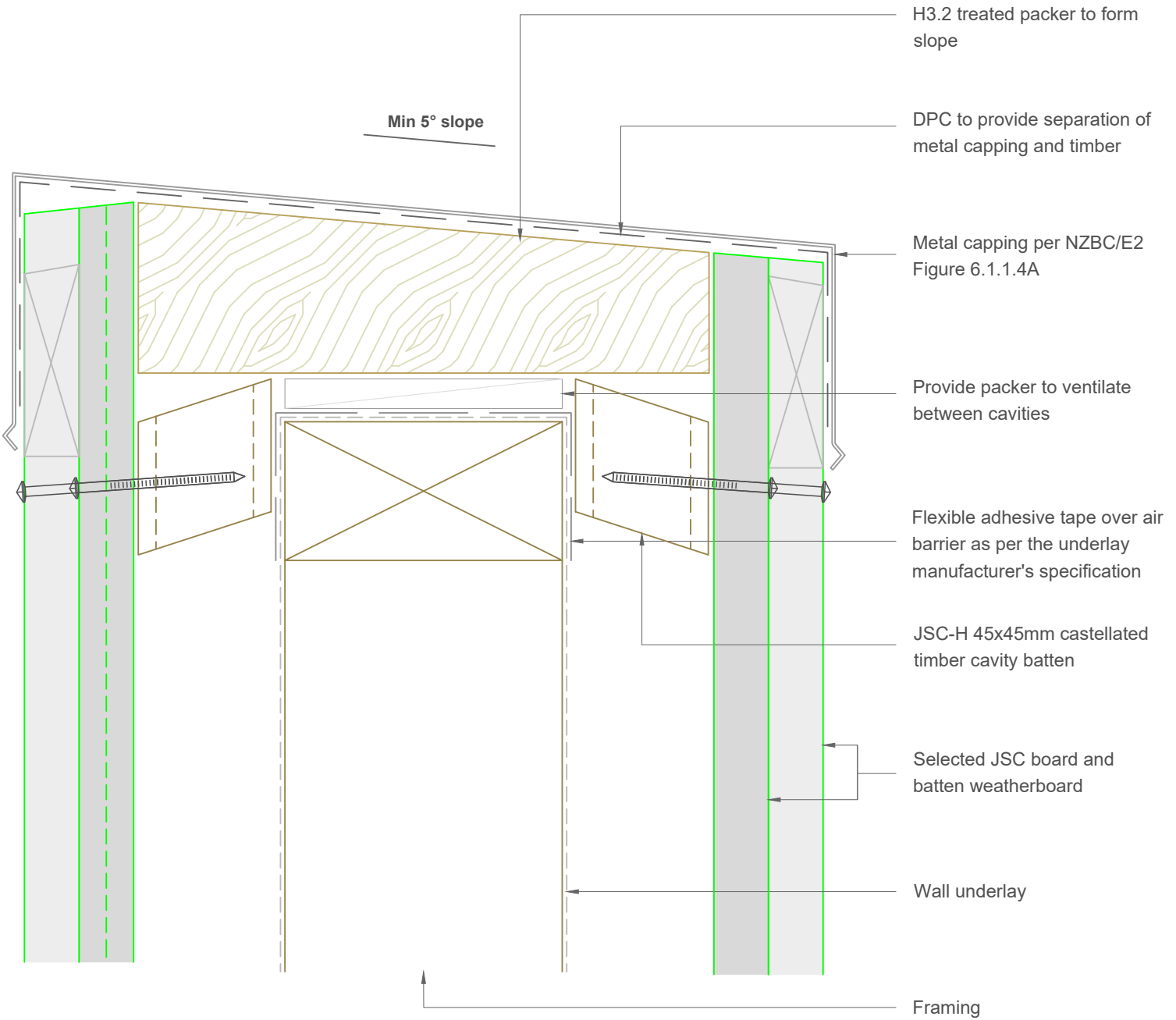
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Note:- Parapet Design & installation should comply to NZBC/E2 Part 6

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Parapet Detail

JVB-F45-06

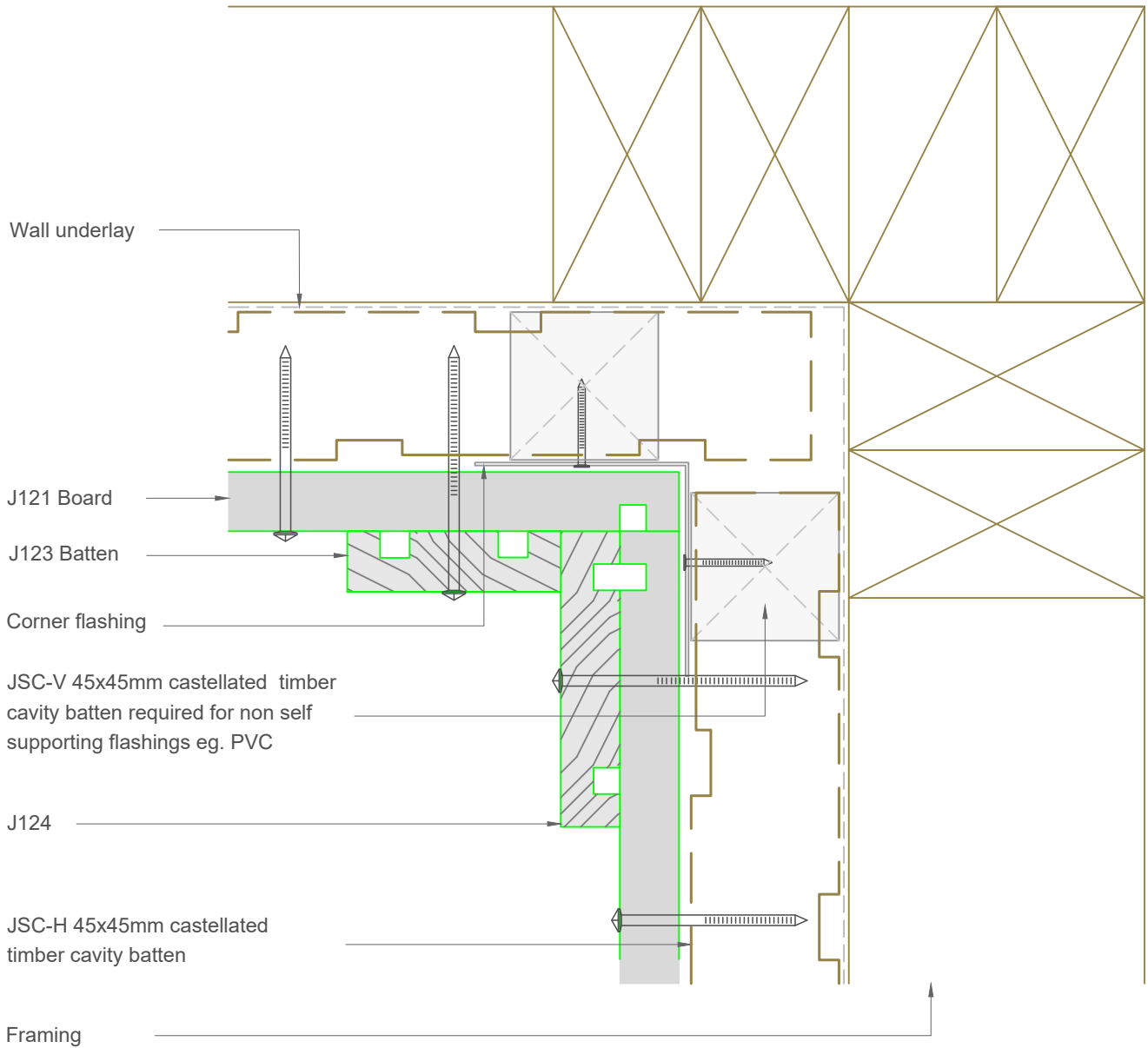
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Internal Corner Detail

JVB-F45-10

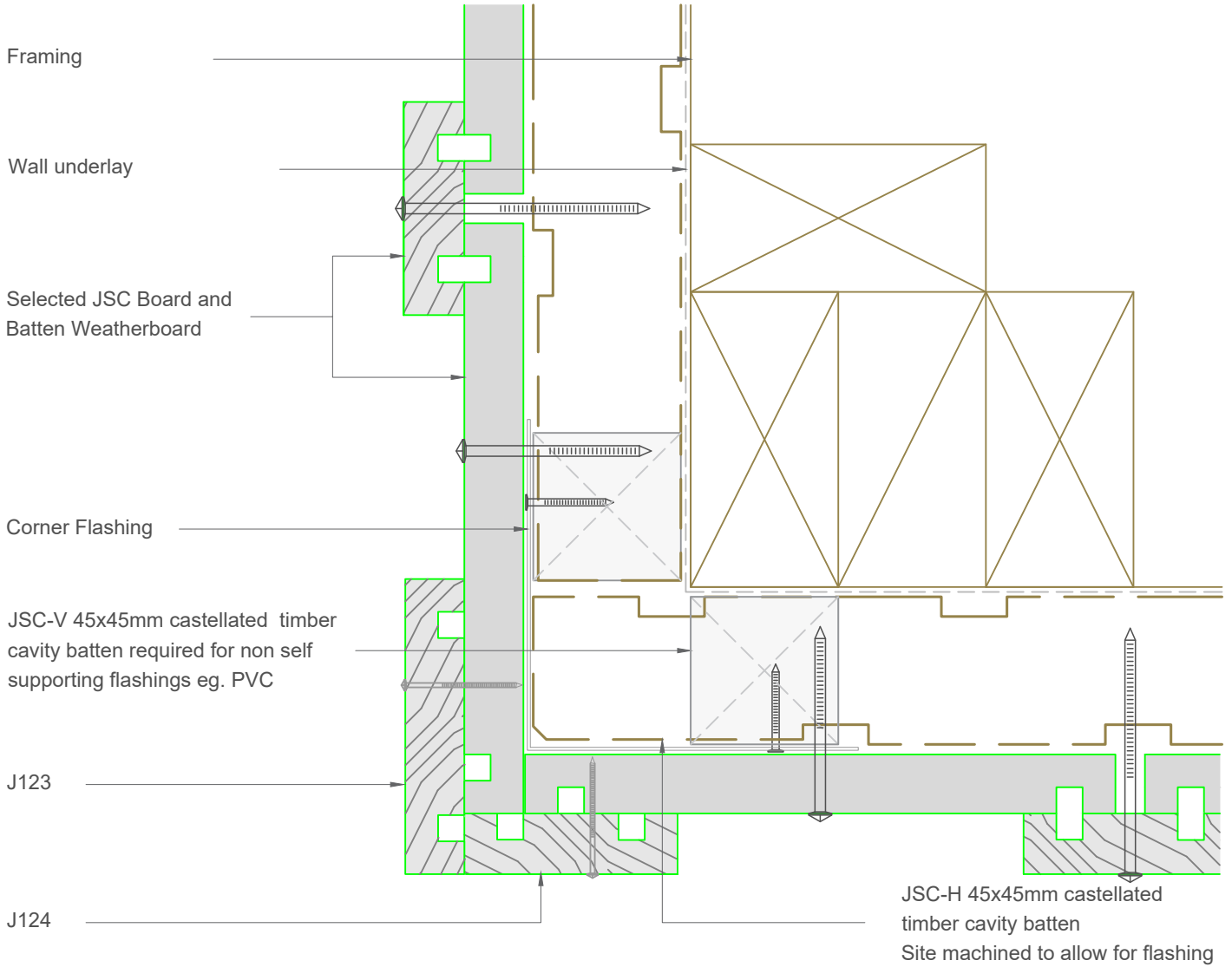
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External Corner Detail

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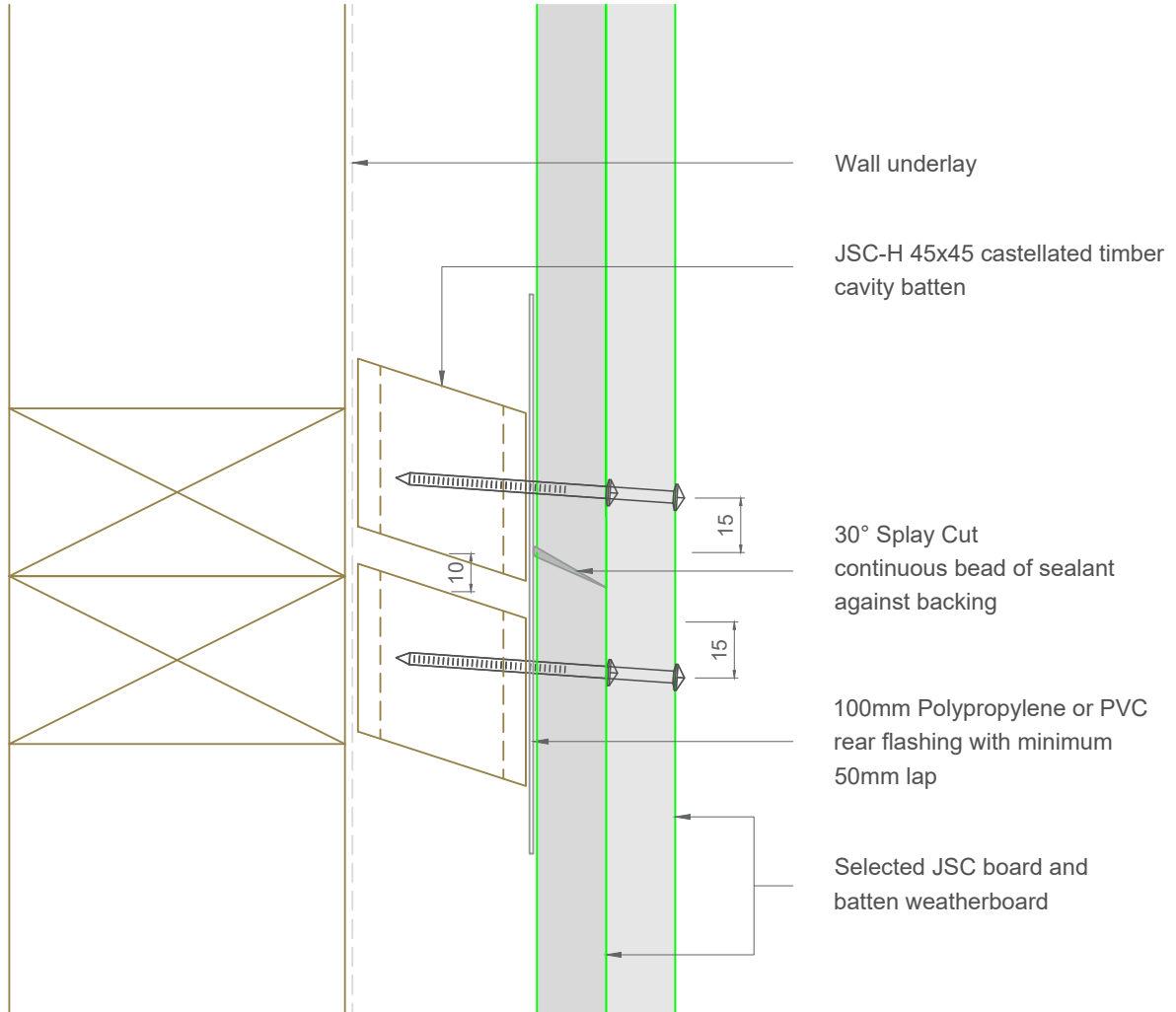
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Scarf Joint Detail

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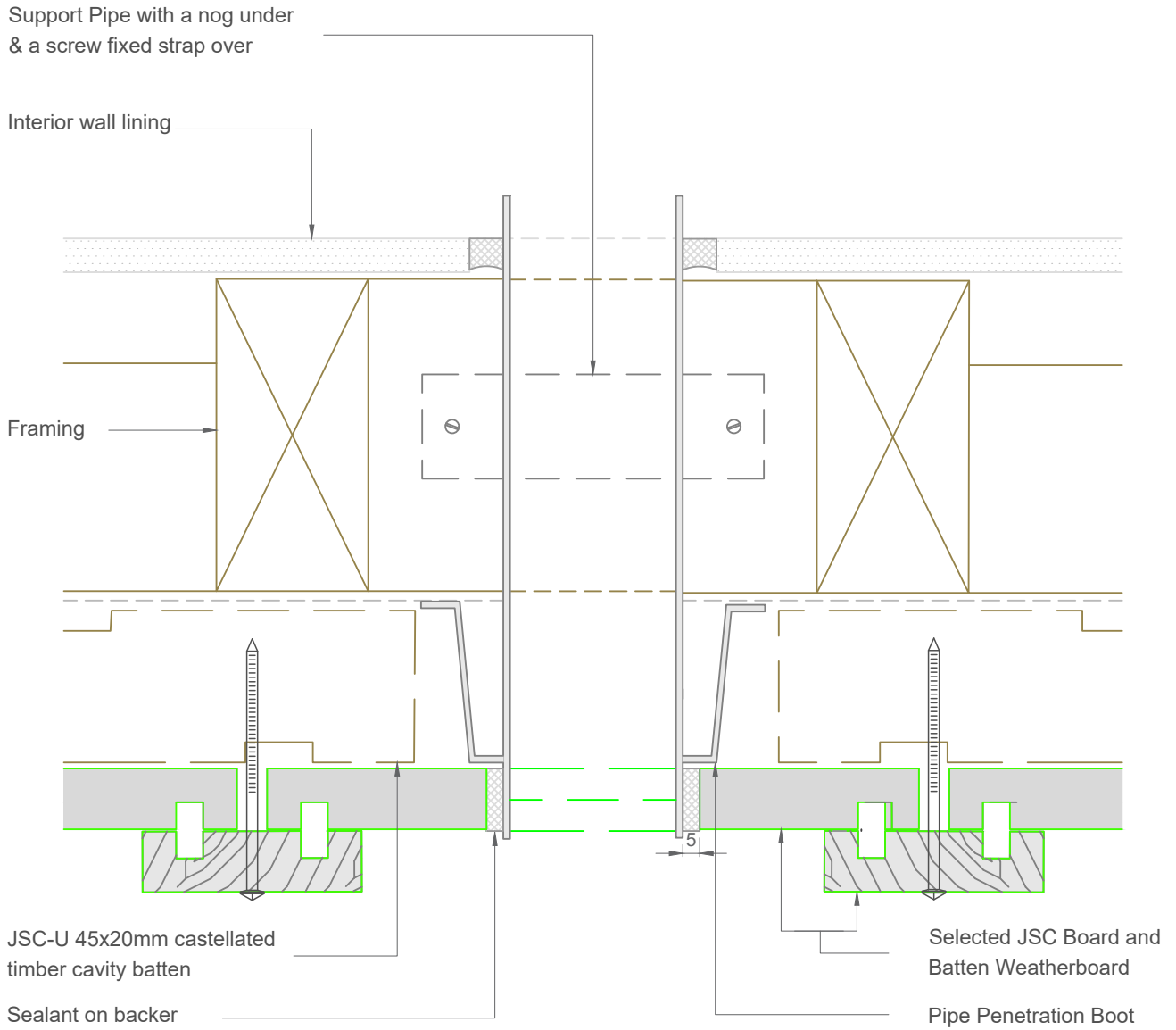
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Pipe Penetration Detail

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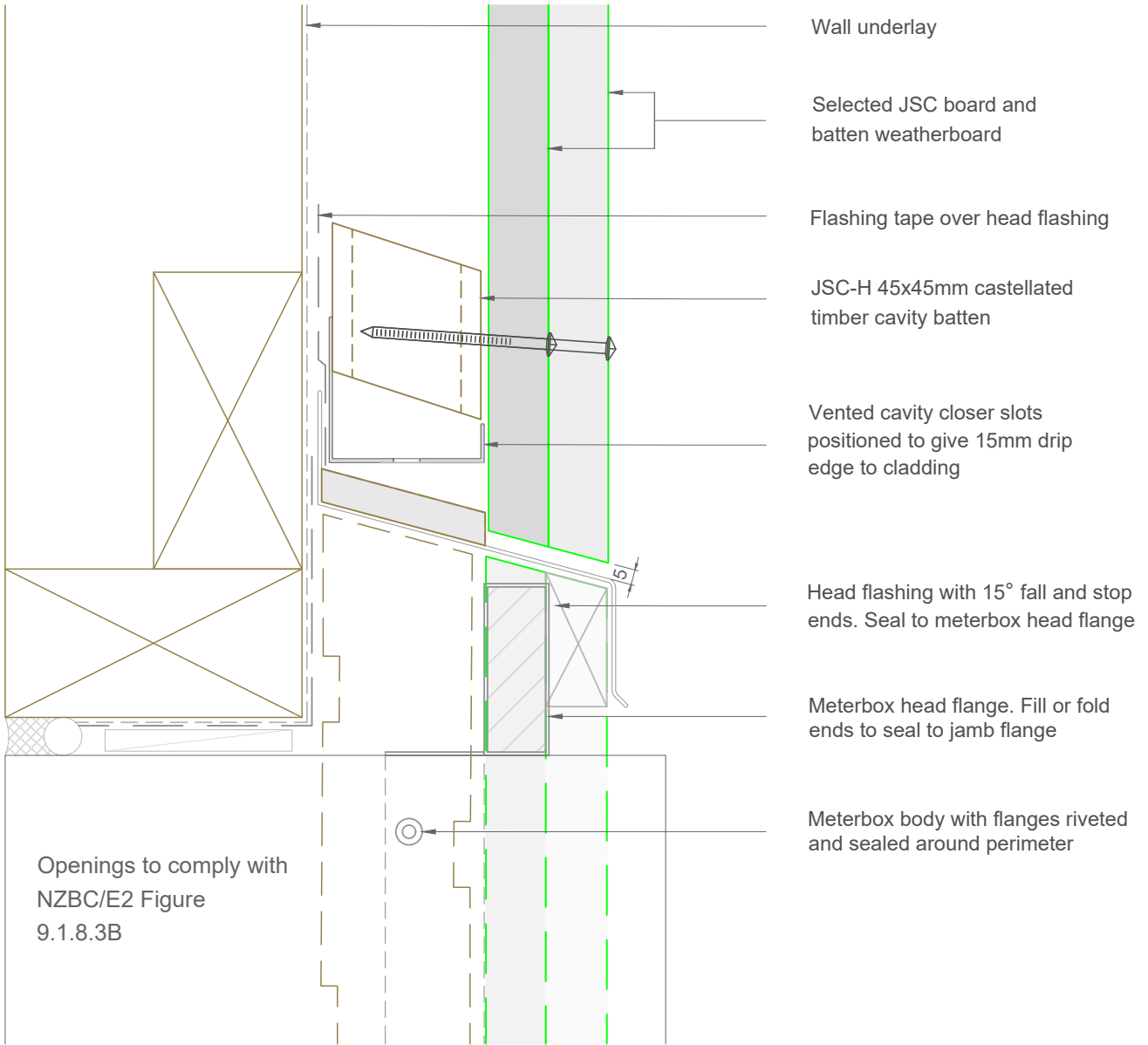
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Meterbox Head Detail

JVB-F45-25

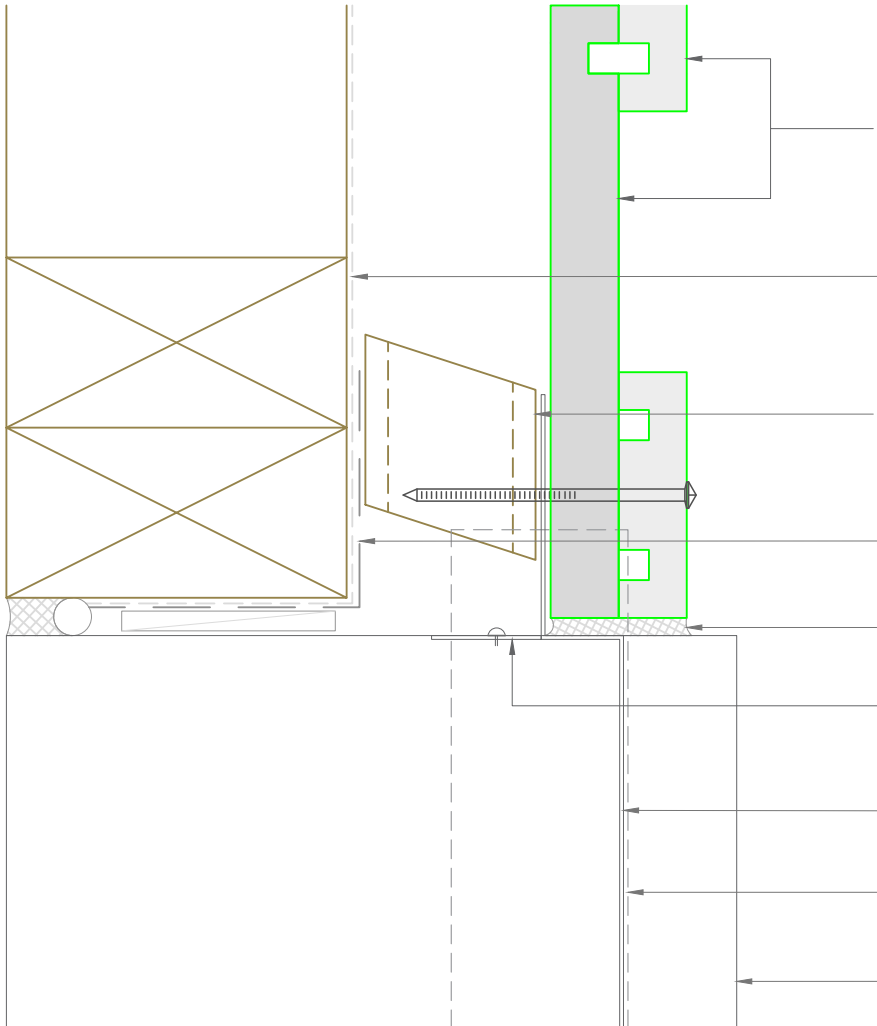
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Selected JSC Board and
Batten Weatherboard

Wall underlay

JSC-H 45x45mm castellated
timber cavity batten

Flexible flashing tape

Sealant on backer rod

Meterbox jamb flange fixed
and sealed to meterbox

Meterbox head flange (above)

Line of meterbox head
flashing above

Meterbox body

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

Meterbox Jamb Detail

JVB-F45-26

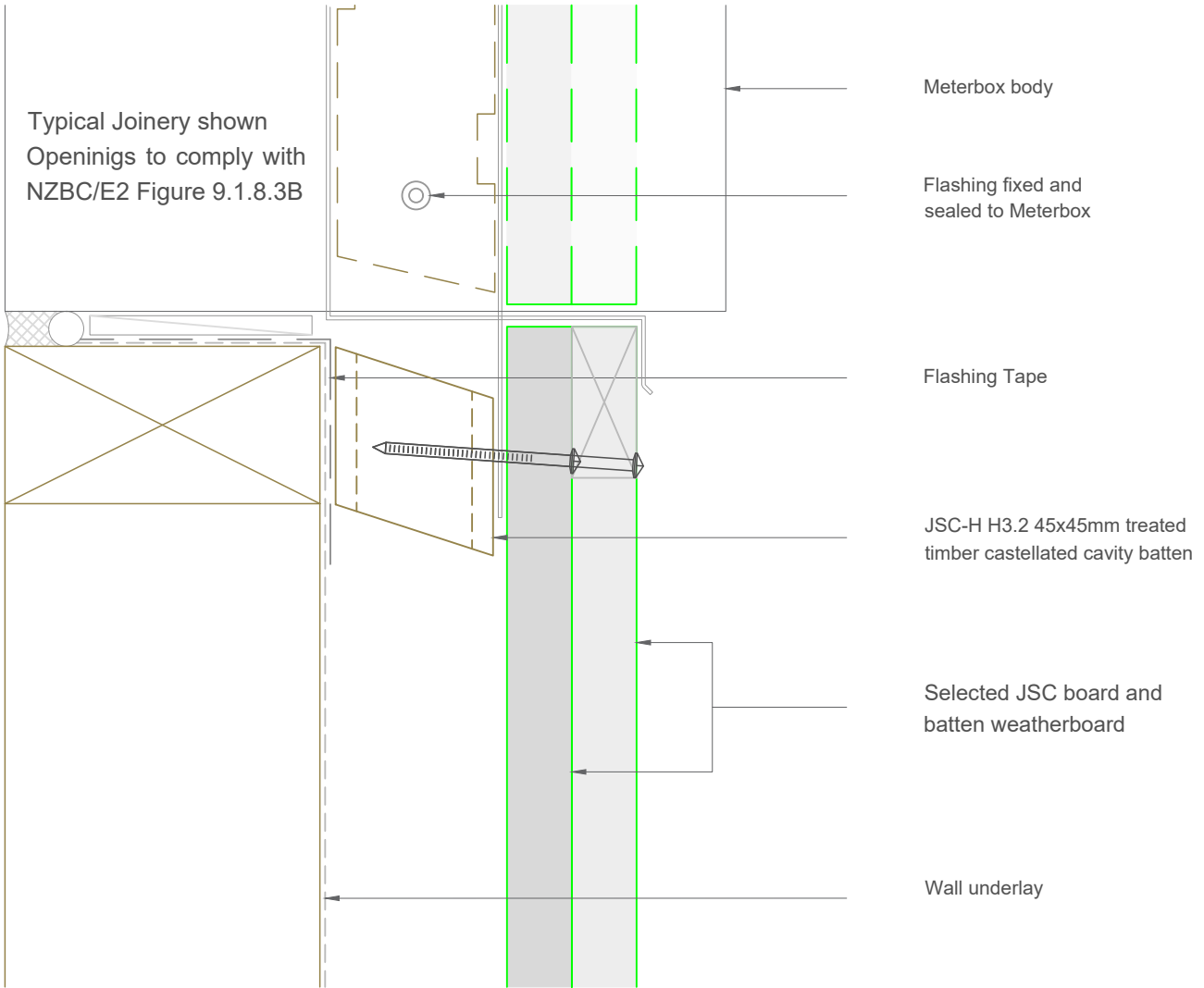
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Meterbox Sill Detail

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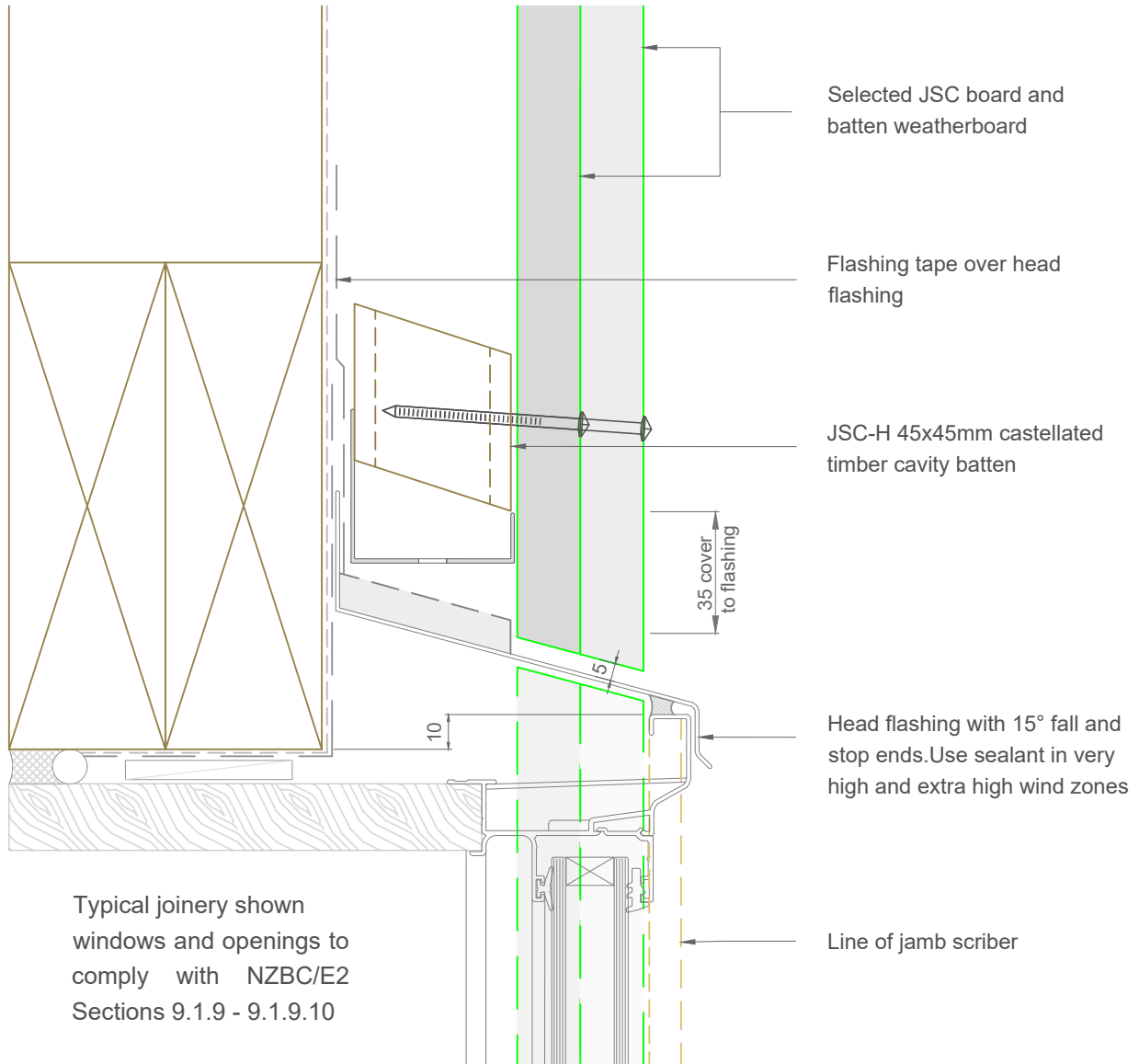
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Window Head Detail

JVB-F45-30

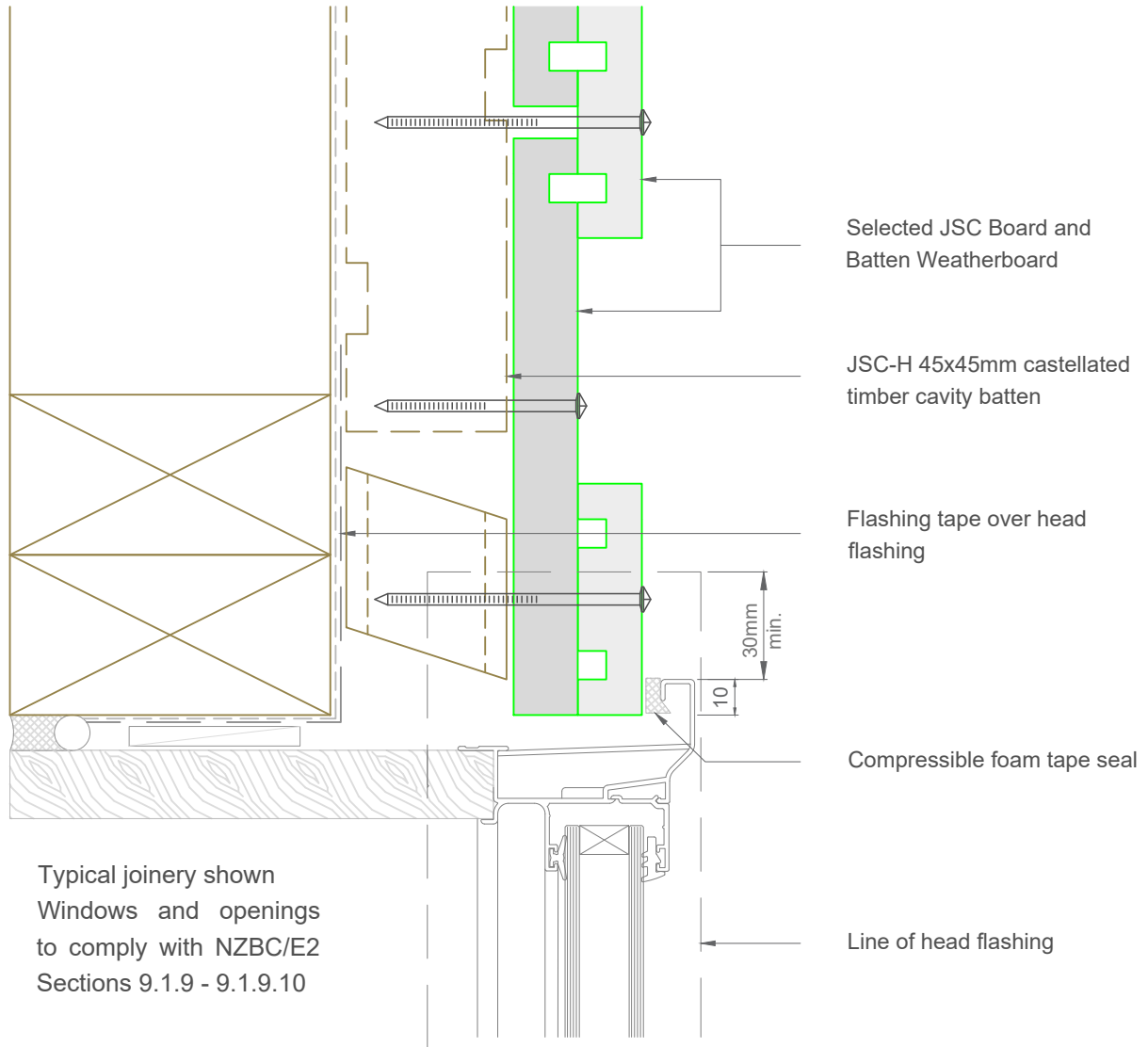
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Window Jamb Detail

JVB-F45-31

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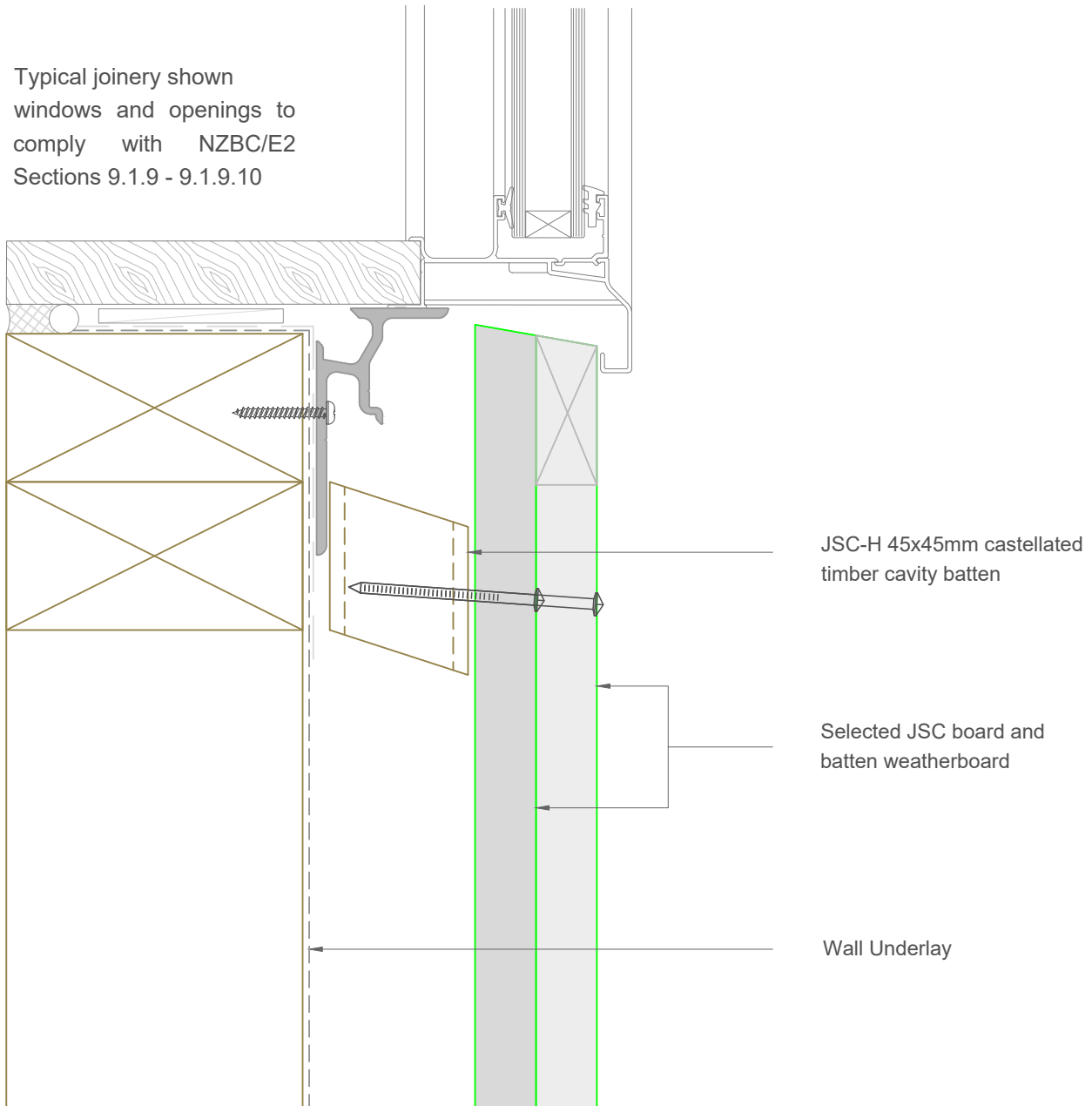
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Typical joinery shown
windows and openings to
comply with NZBC/E2
Sections 9.1.9 - 9.1.9.10



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Window Sill Detail

JVB-F45-33

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