



JSC VertiClad
Vertical Shiplap Weatherboard Cladding
20mm Cavity on Rigid Underlay

Version 1.1 | 25/08/2023



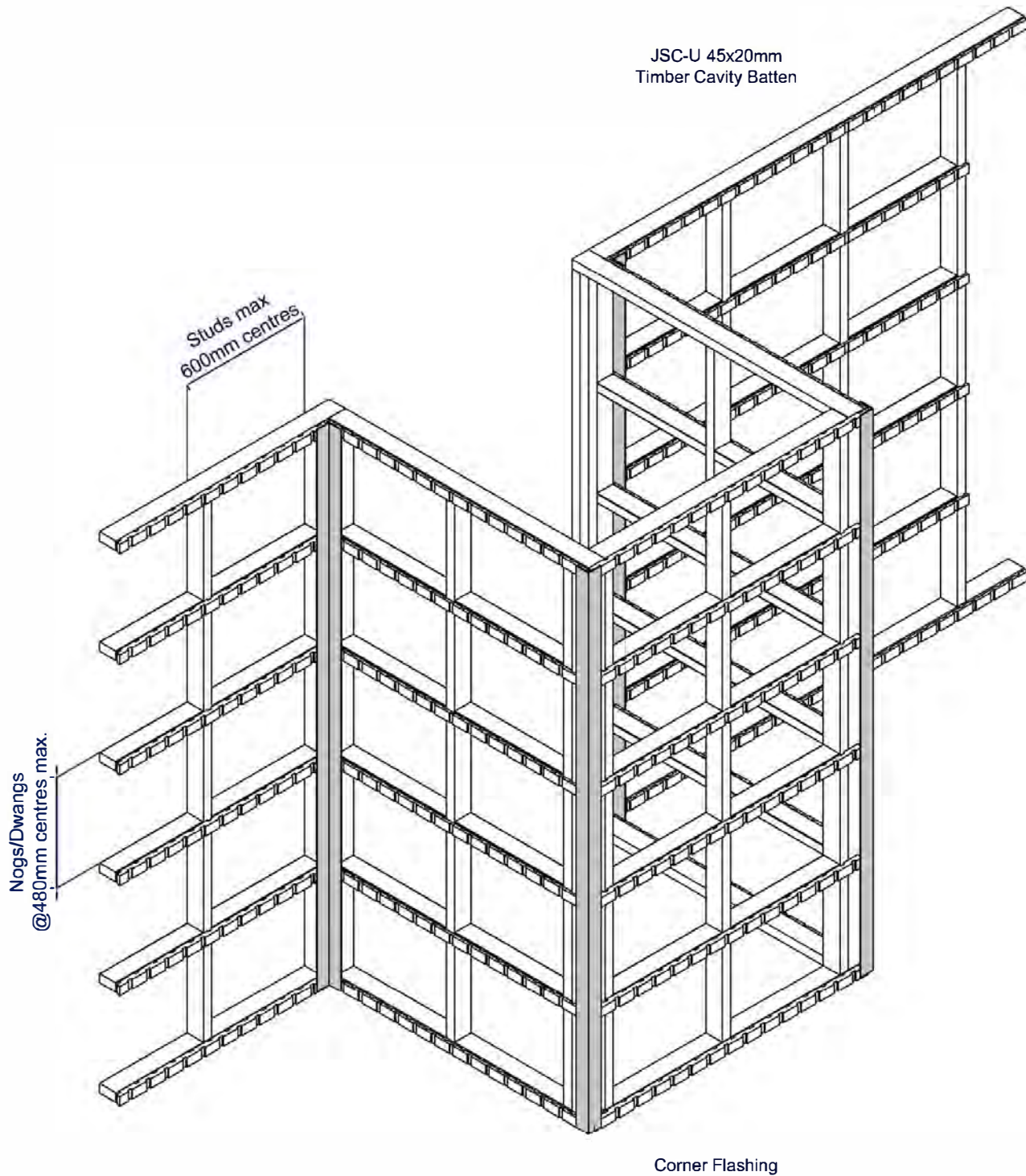
PREMIUM ARCHITECTURAL
& BUILDING SOLUTIONS

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20mm Cavity Setout Guide Fixed Horizontally

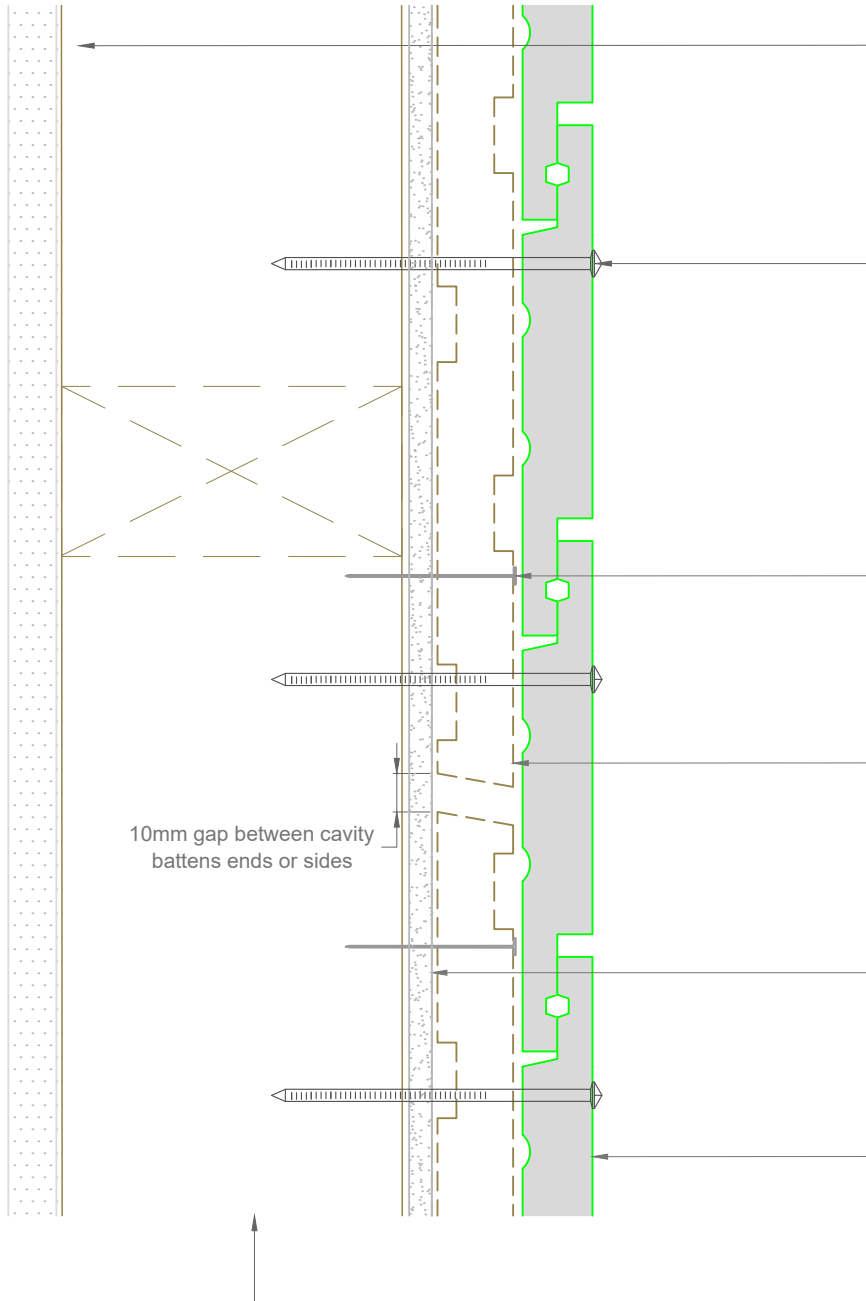
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20mm Cavity Batten Setout fixed Horizontally



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

Plan View



Interior lining or use rigid air barrier 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
- 30mm min penetration into framing
- 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

40-50mm Stainless steel clout

JSC-U H3.2 45x20mm treated timber castellated cavity batten

- Tacked on with SS Clout or similar
- Cut ends to slope away from wall (10-15°)

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

Selected JSC vertical shiplap weatherboard

- Coated with approved suitable coating to all 4 sides and ends
- 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 - Rigid Underlay

JV-R20-SEC01

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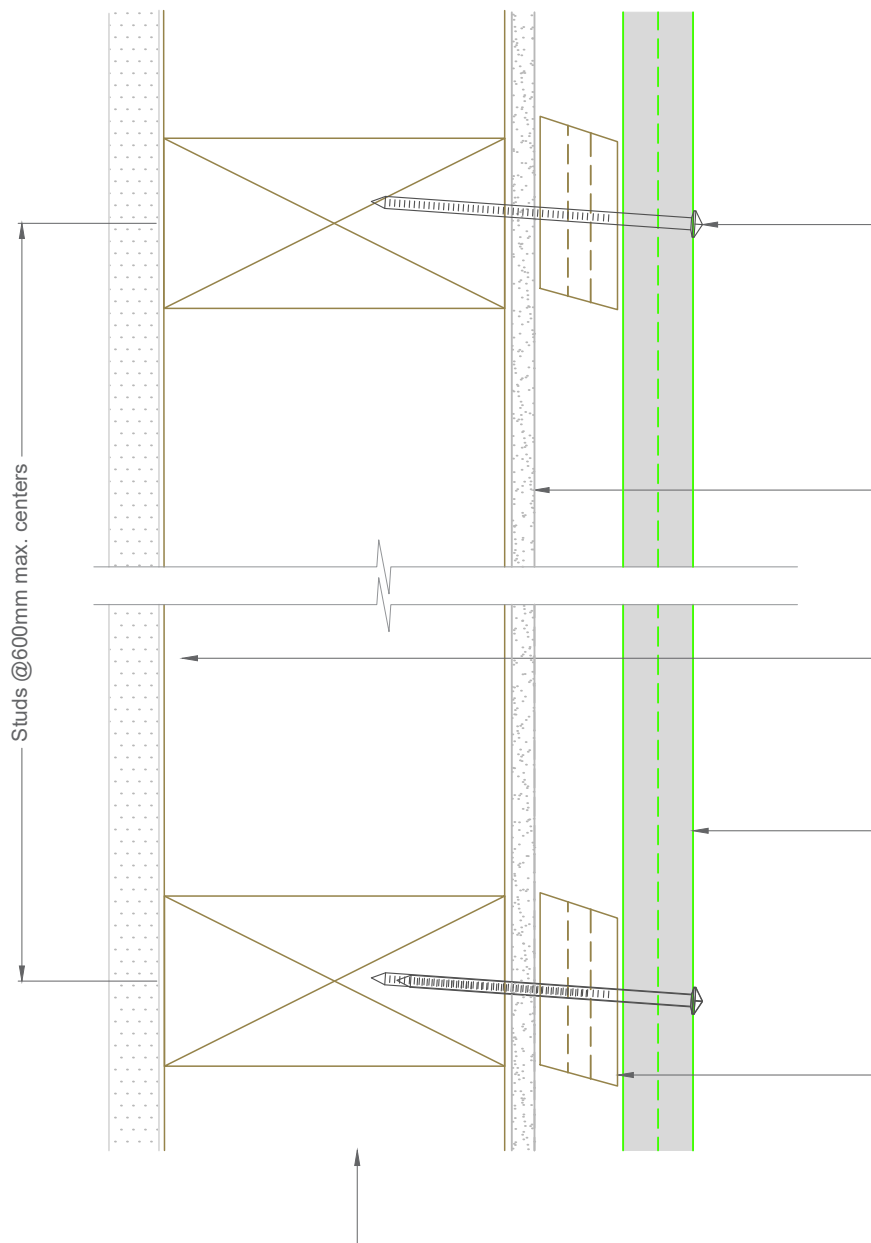
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Cross Section View



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
- 30mm min penetration into framing
- Nailed 10mm above the top of the lower board
- Minimum 50mm from ends of boards

Rigid wall underlay to comply with NZBC/E2 Table 23 and Section 9.1.7.2 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 JSC vertical shiplap weatherboard coated with approved coating to all 4 sides and ends

JSC-U H3.2 45x20mm treated timber castellated cavity batten

- Tacked on with SS Clout or similar
- Keep 10mm gap to the cavity battens except at bottom plate
- Cut ends to slope away from wall (10-15°)

Framing to NZS 3604 or "fit for purpose"

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Sectional Detail - Rigid Underlay

JV-R20-SEC02

Scale: 1:2

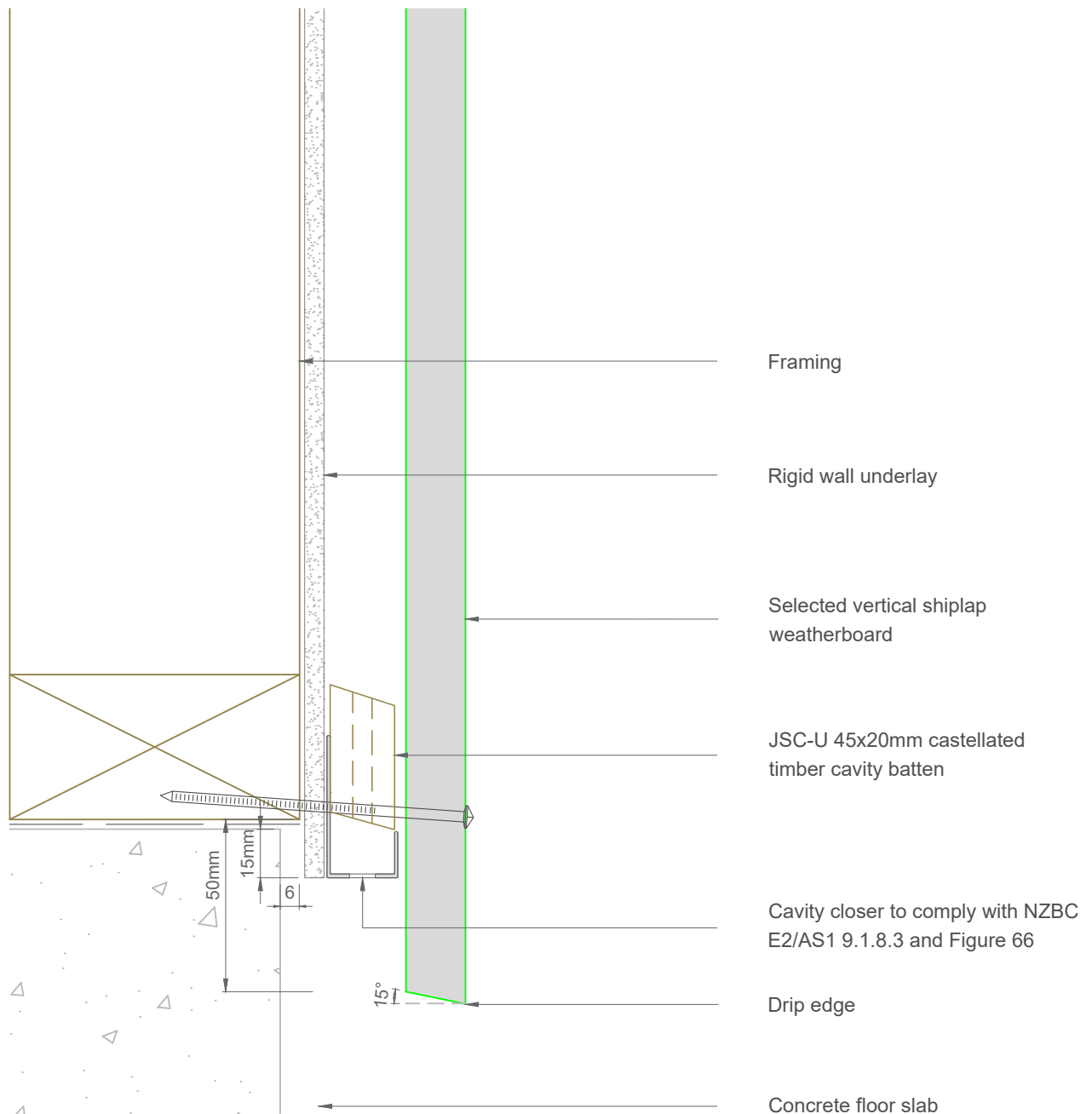
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Note:- Maintain ground clearance as per NZBC/E2 paragraph 9.1.3.3 and Table 18

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Bottom Plate Detail - Rigid Underlay

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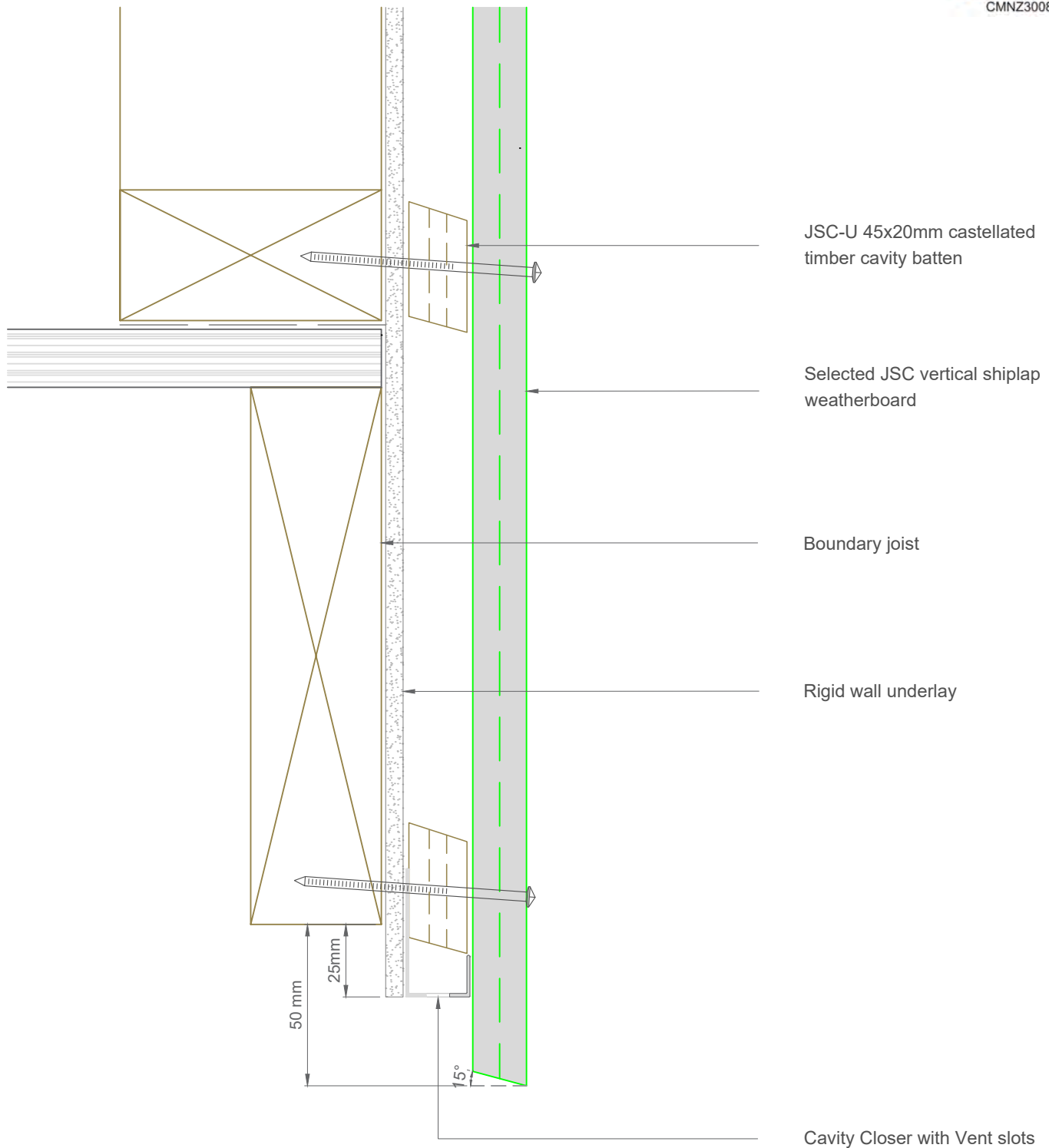
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Note:- Maintain ground clearance as per NZBC/E2 paragraph 9.1.3.3 and Table 18

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Bottom Plate on Timber Detail - Rigid Underlay

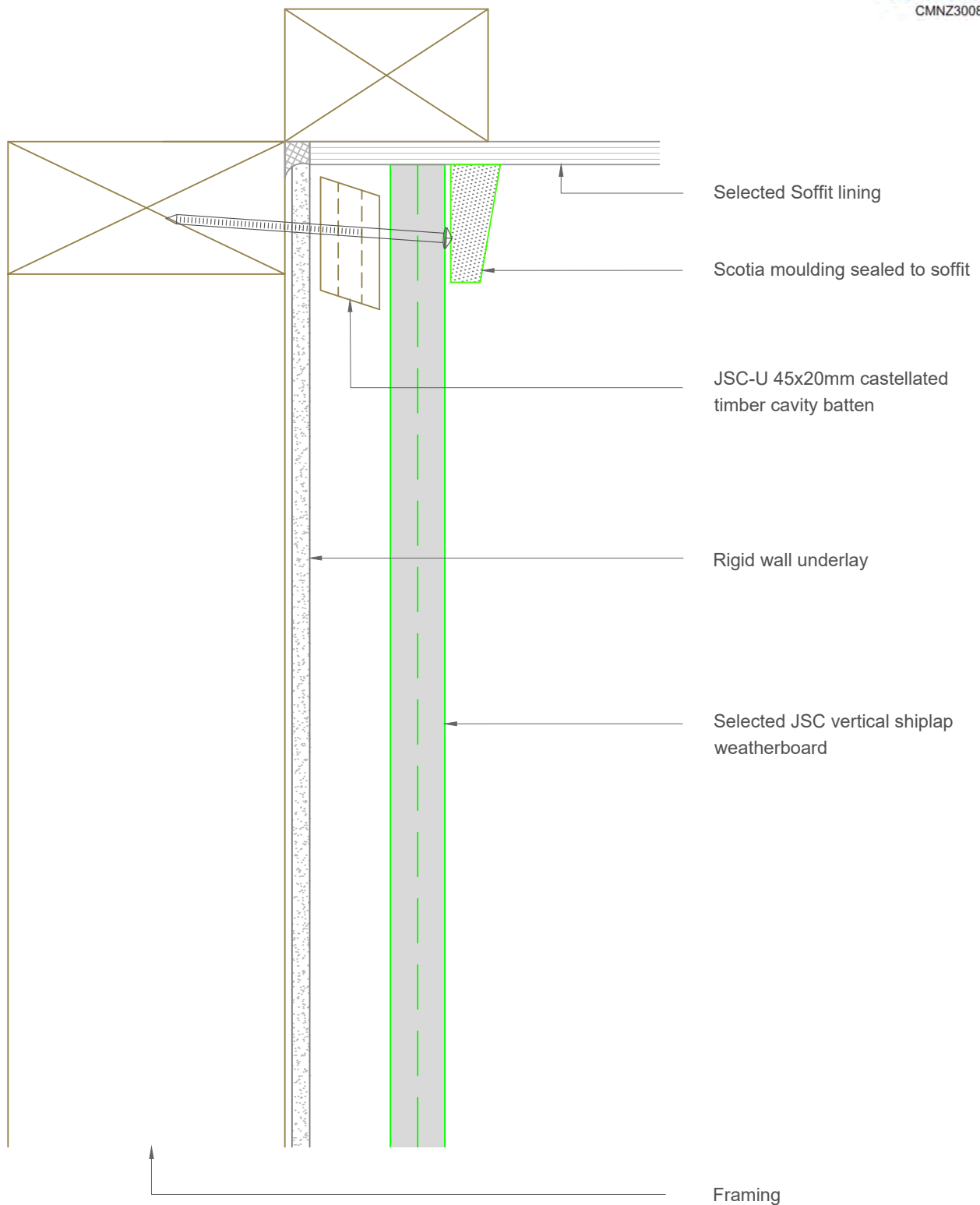
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Top Plate Soffit Detail - Rigid Underlay

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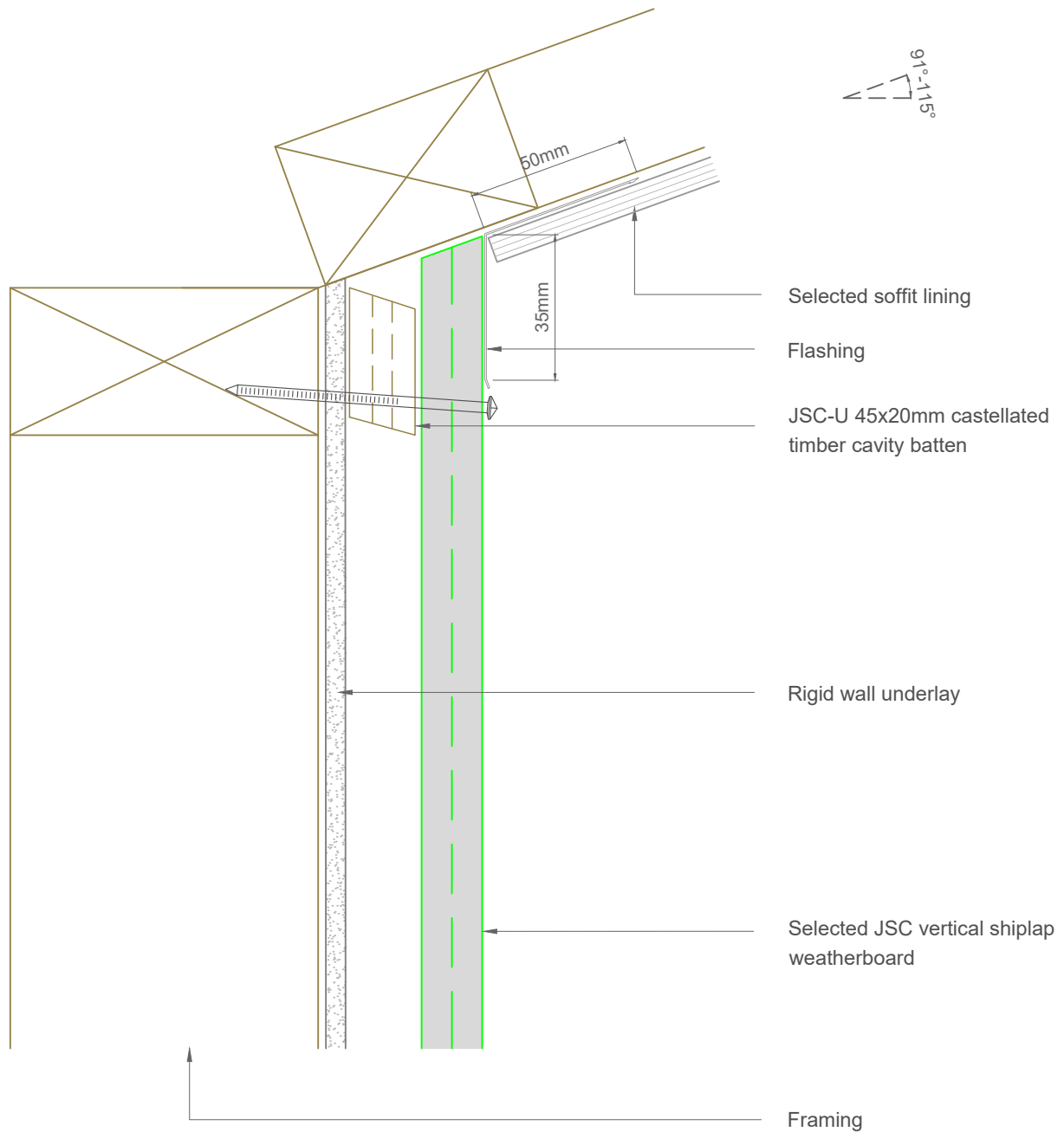
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Raking Soffit Detail - Rigid Underlay

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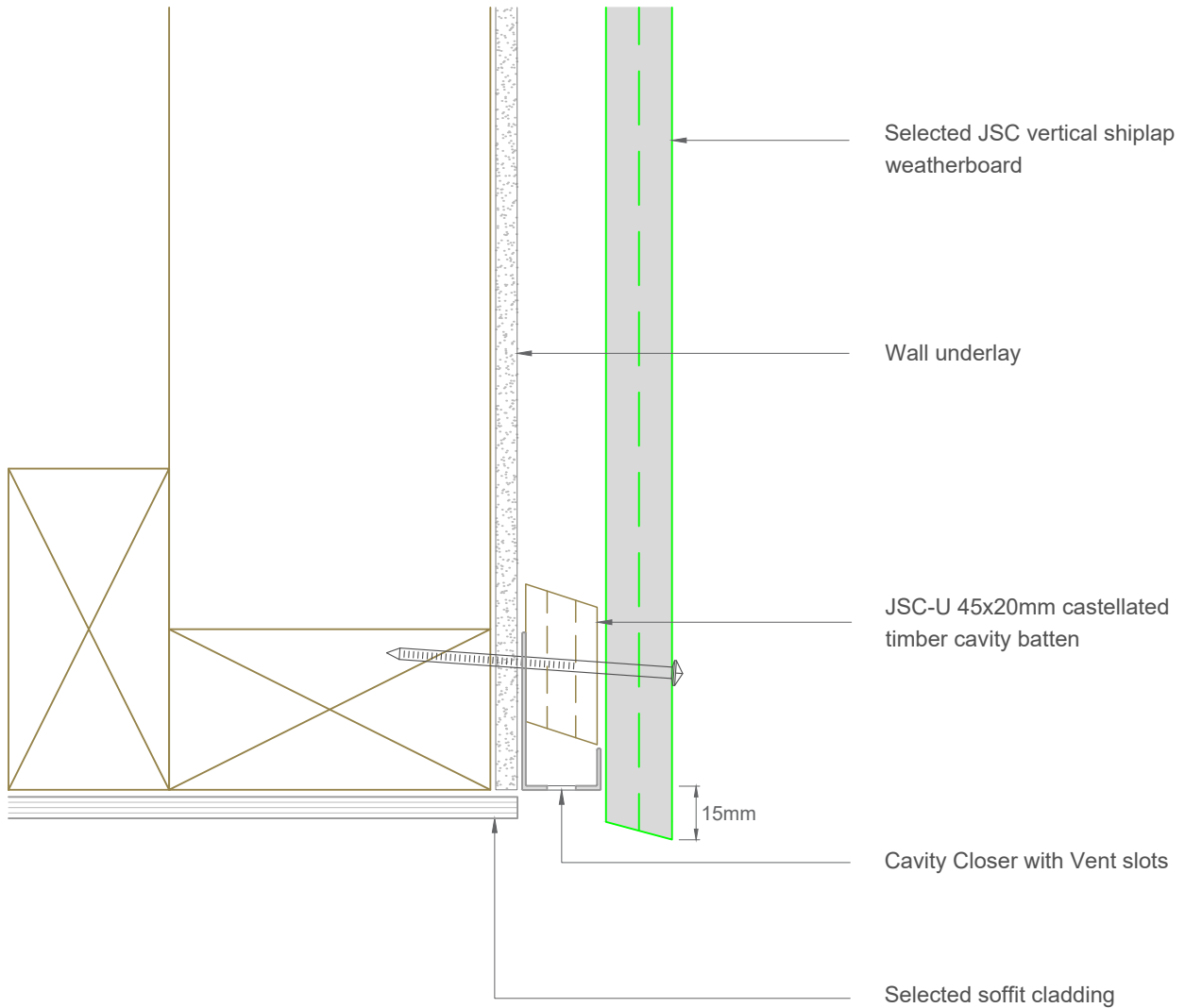
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Bottom Plate Soffit Detail - Rigid Underlay

JV-R20-04

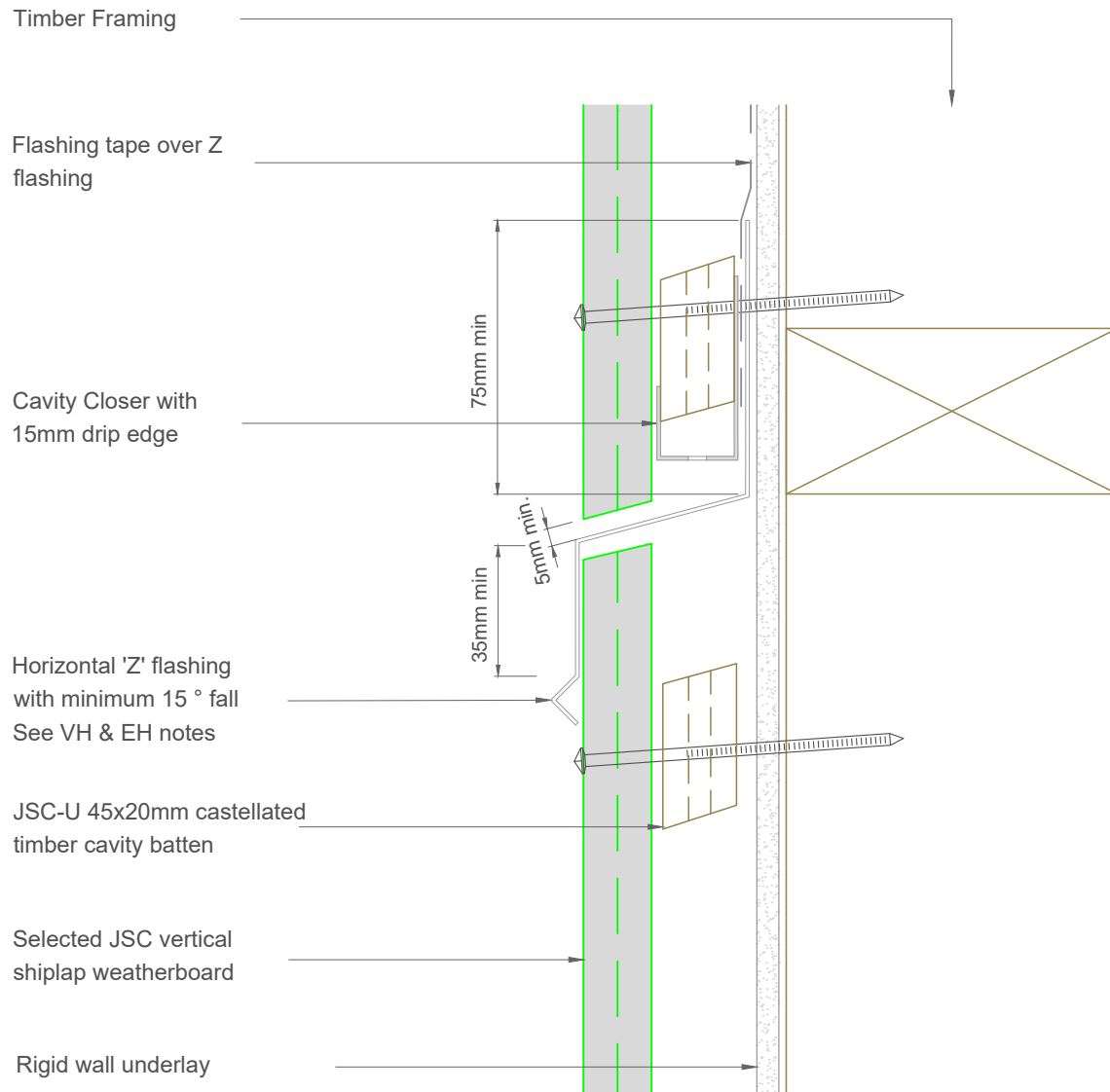
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Inter Storey Junction Detail

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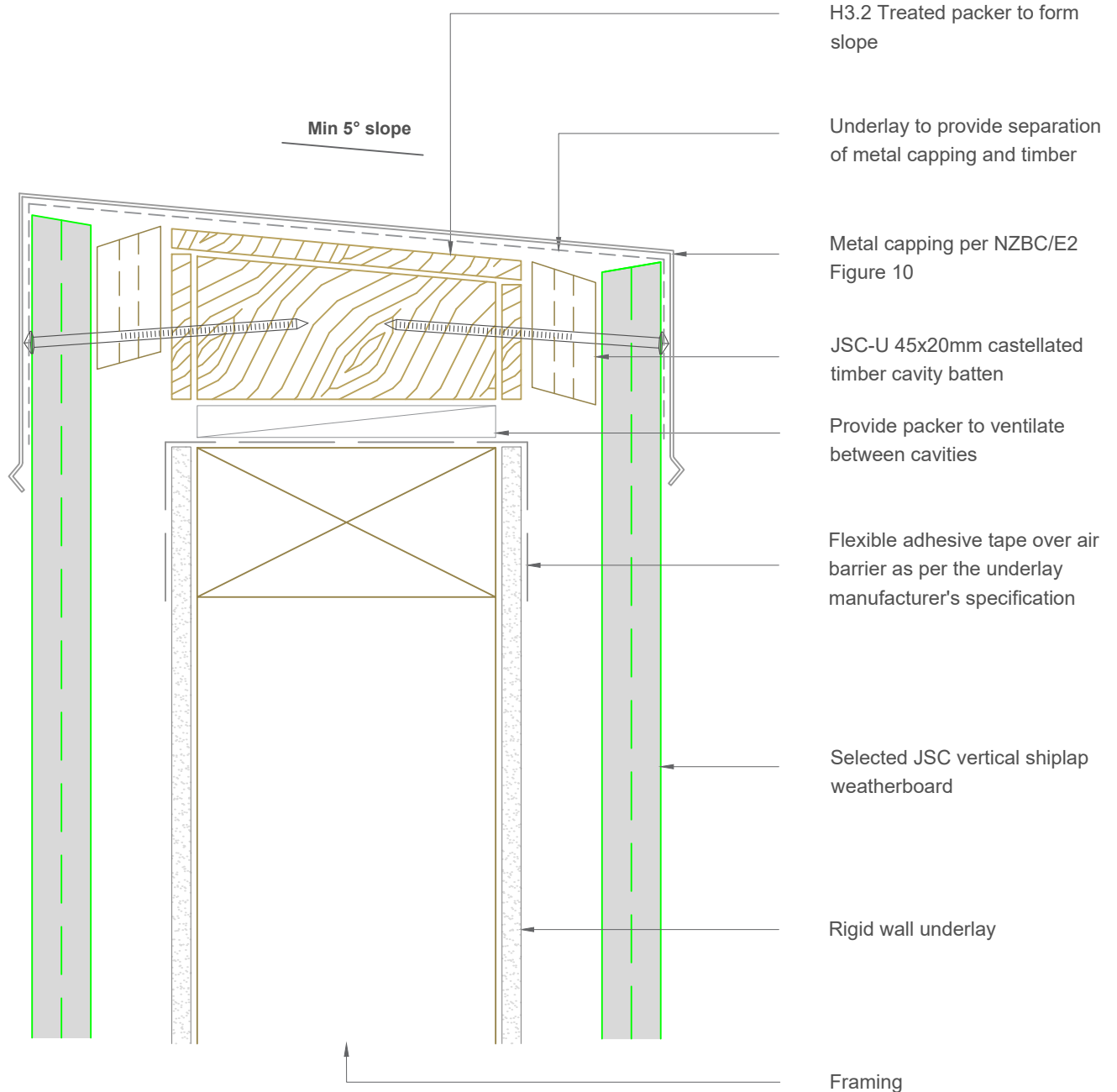
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Note:- Parapet Design & installation should comply to NZBC/E2 Section 6

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Parapet Detail - Rigid Underlay

JV-R20-06

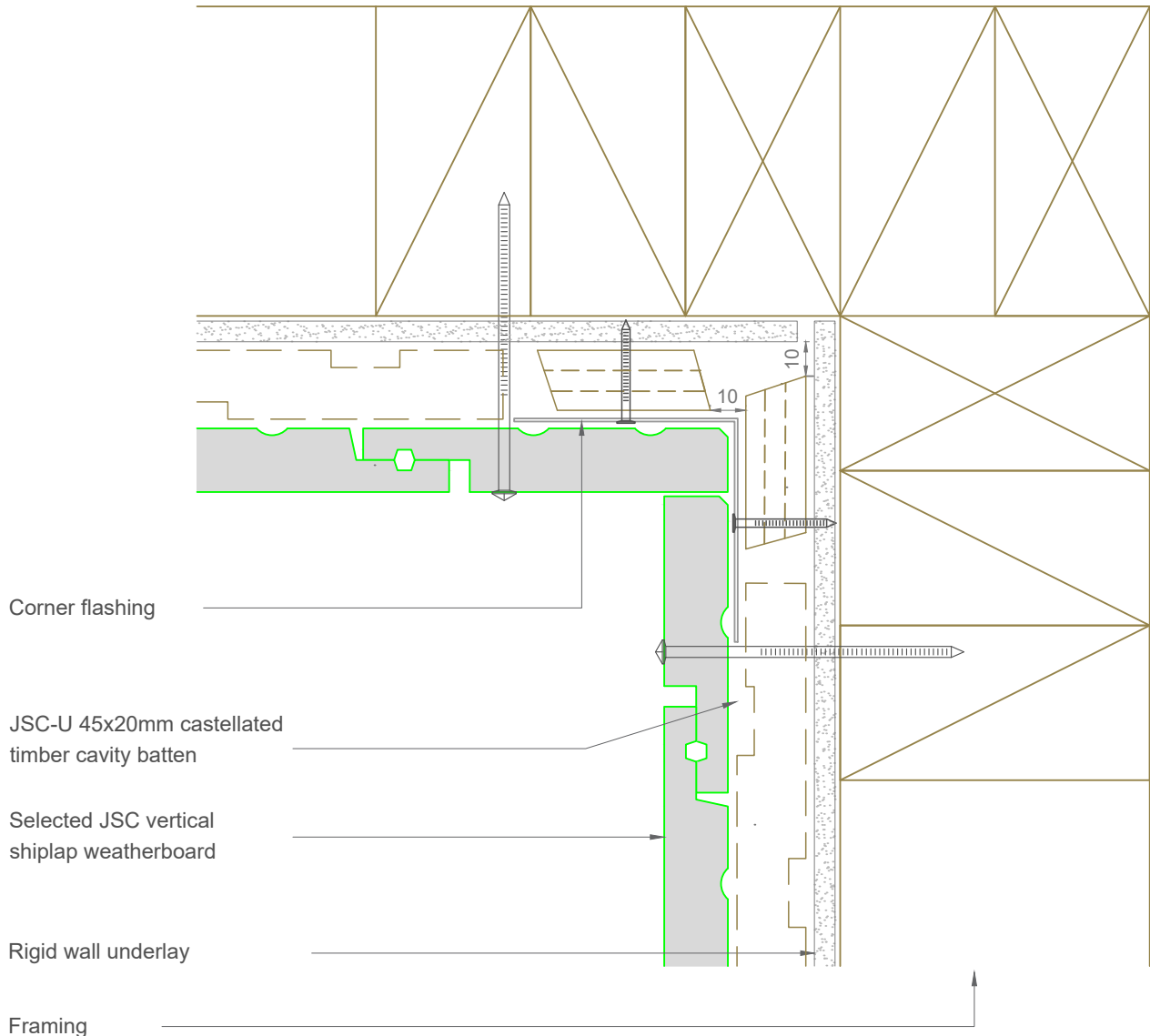
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Internal Corner Detail - Rigid Underlay

JV-R20-10

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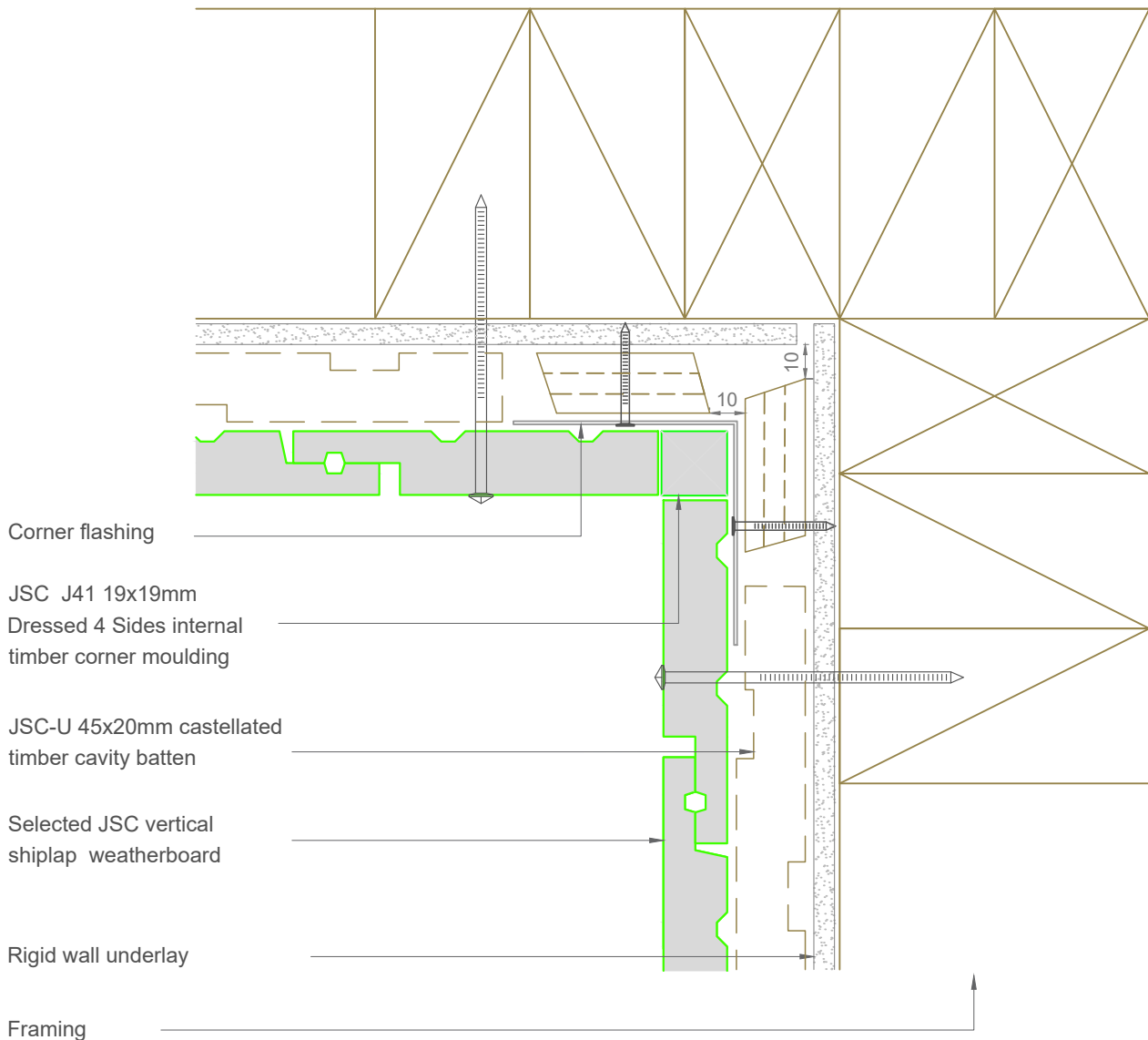
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Internal Corner Detail - Rigid Underlay

JV-R20-11

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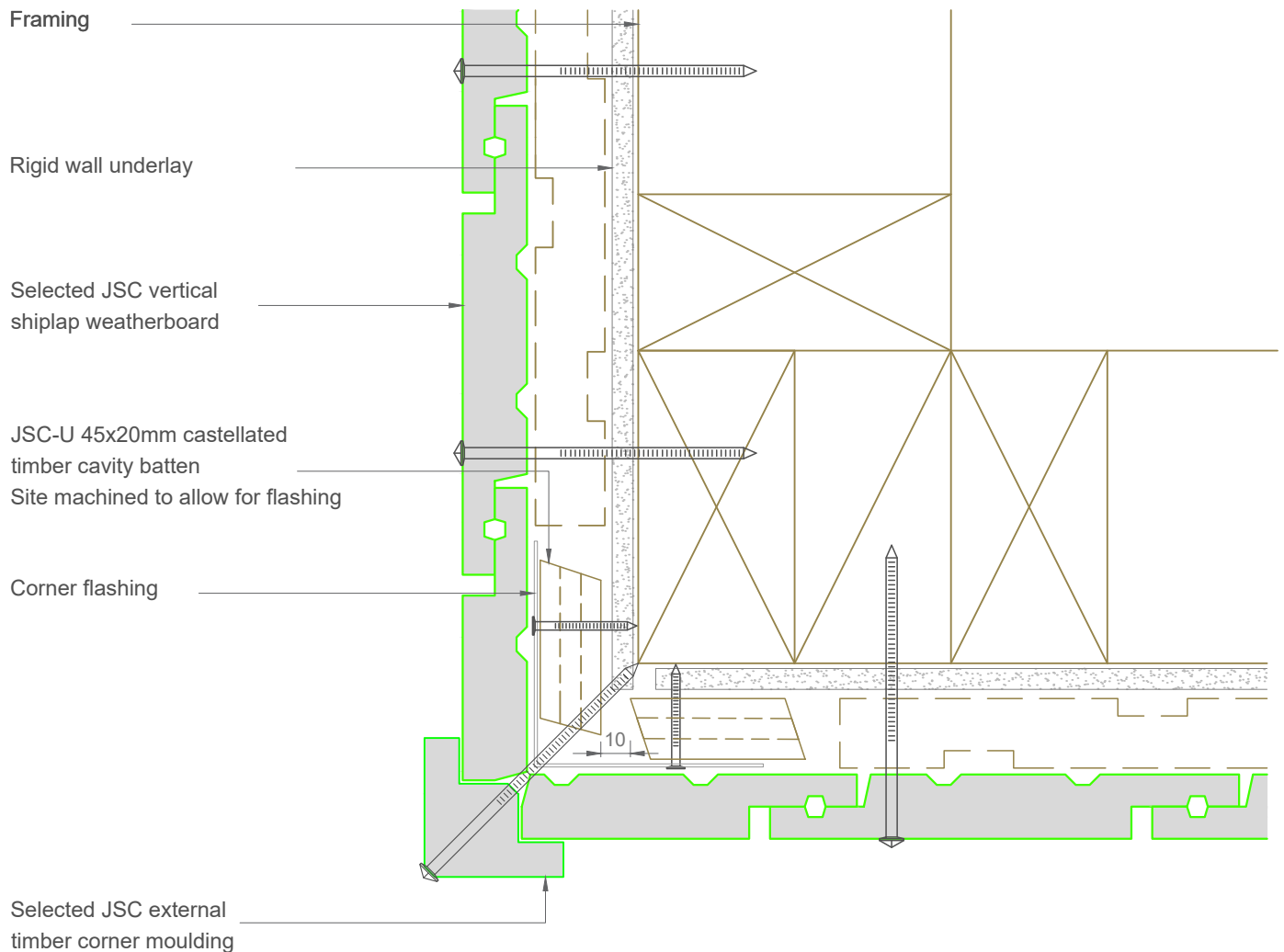
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External Corner Detail- Rigid Underlay

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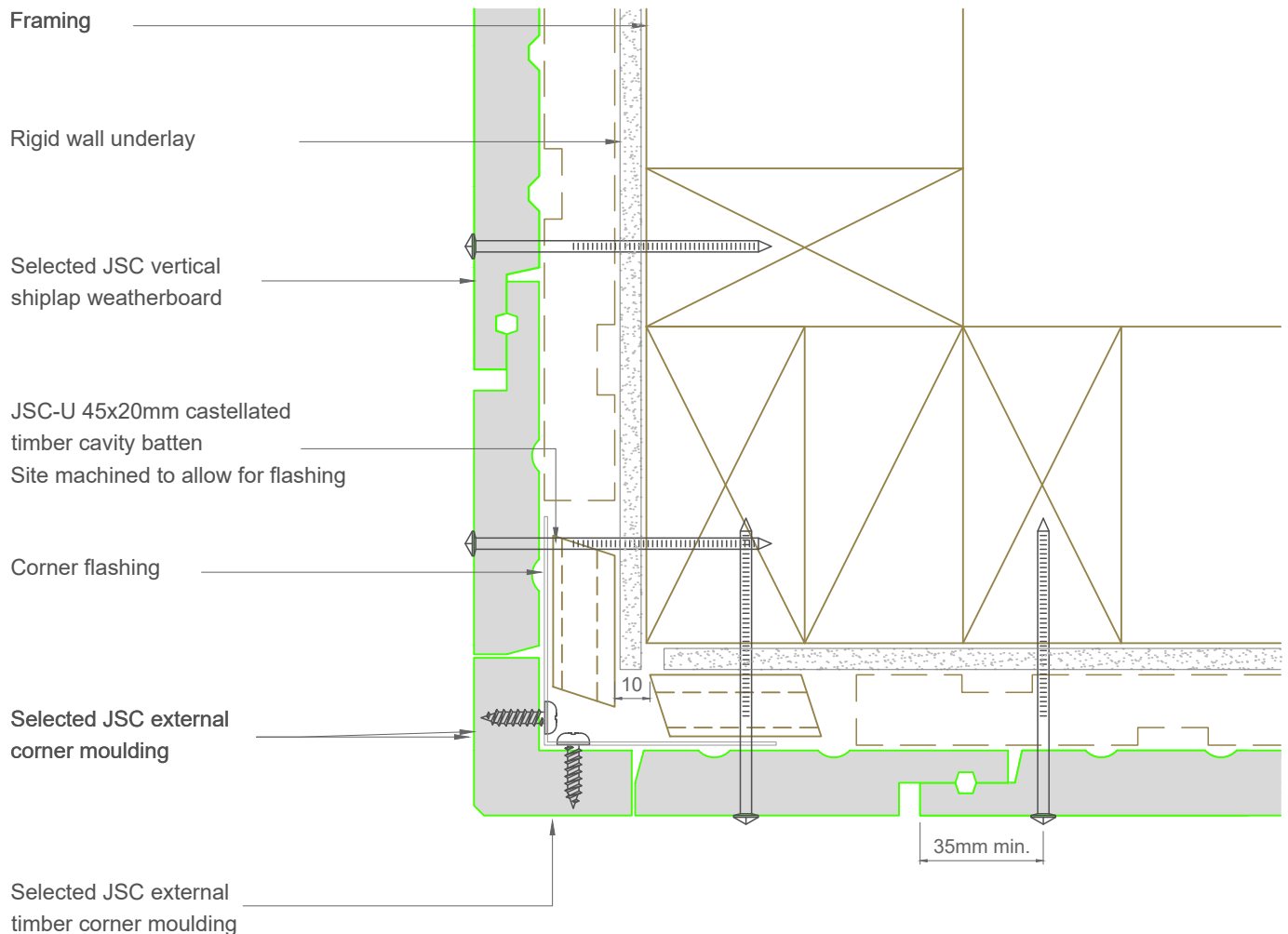
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External Corner Detail - Rigid Underlay

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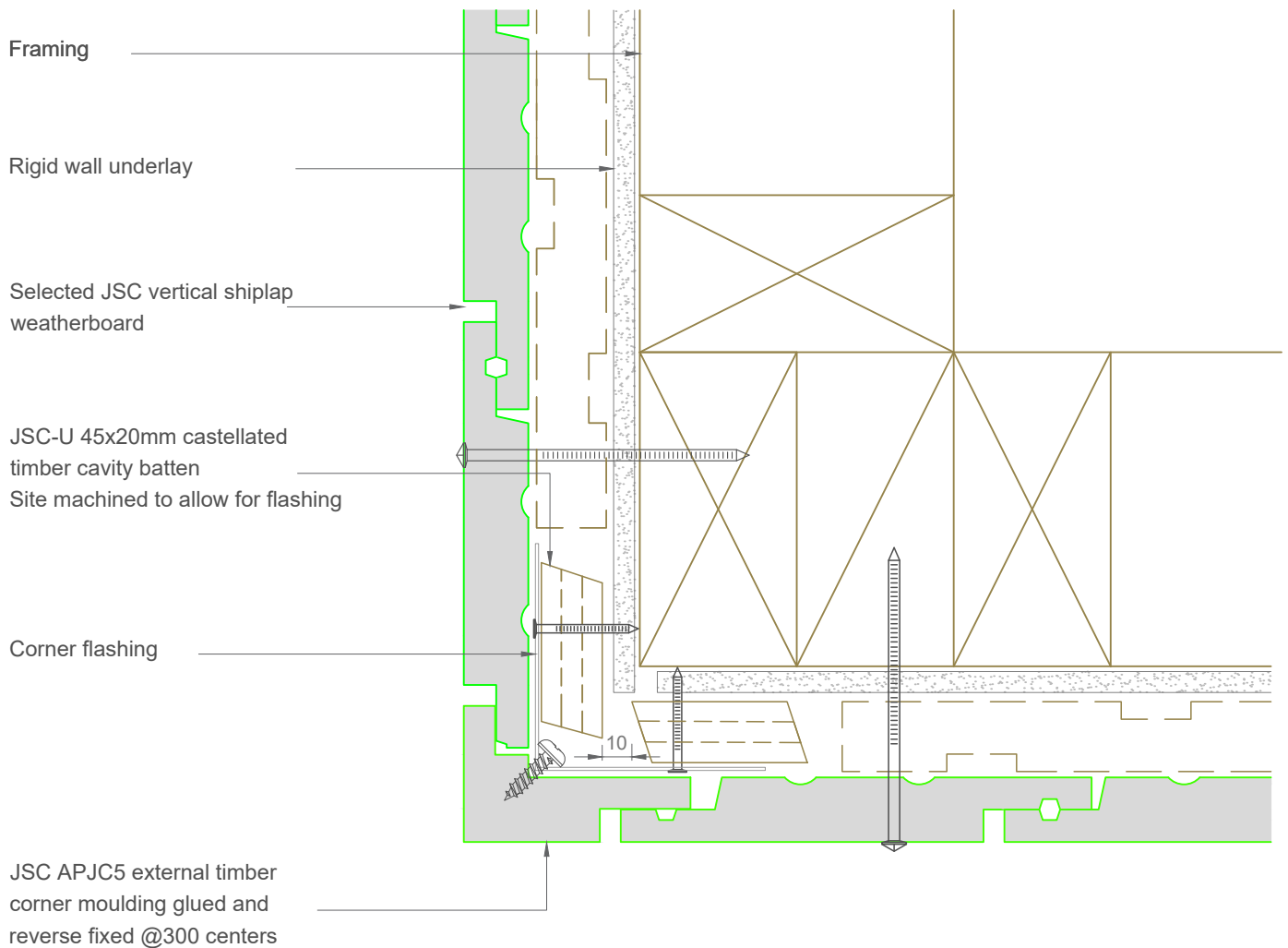
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External Corner Detail - Rigid Underlay

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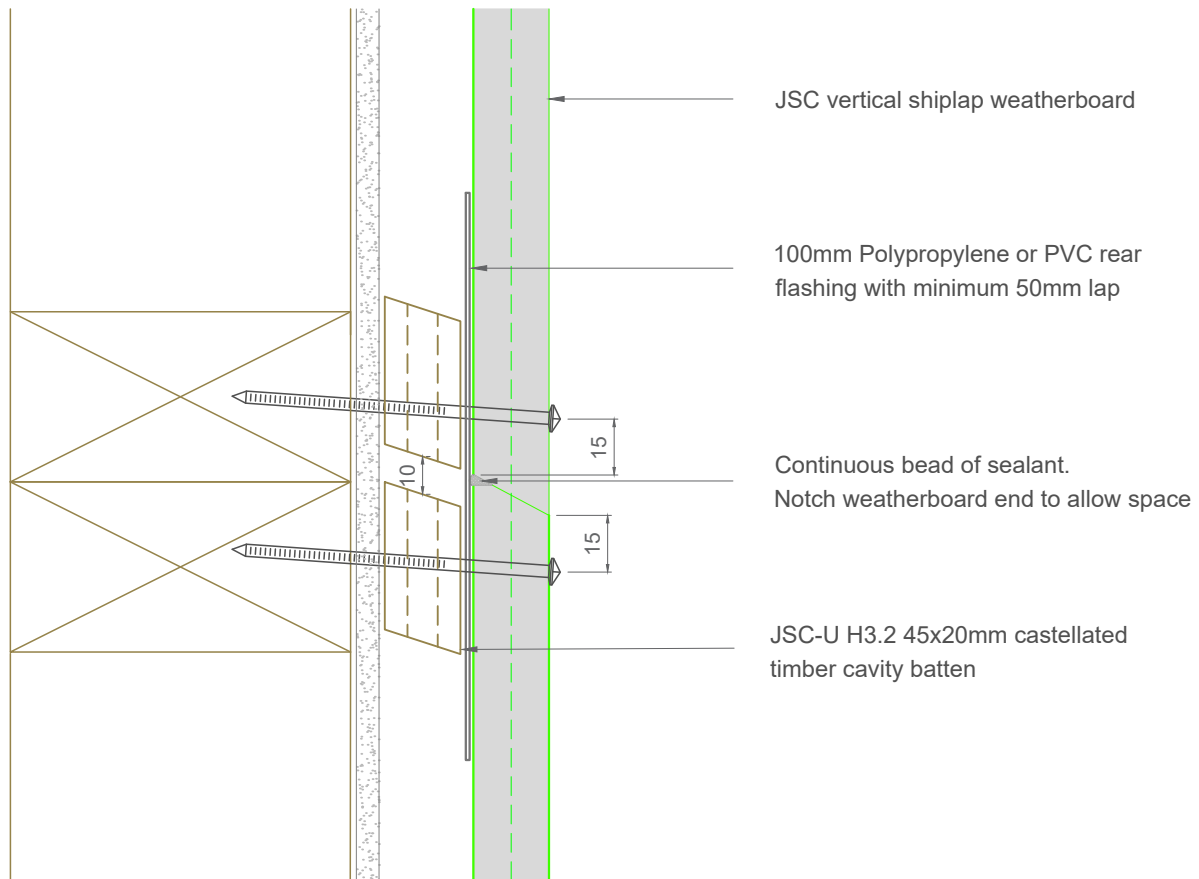
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Scarf Joint Detail

- Rigid Underlay

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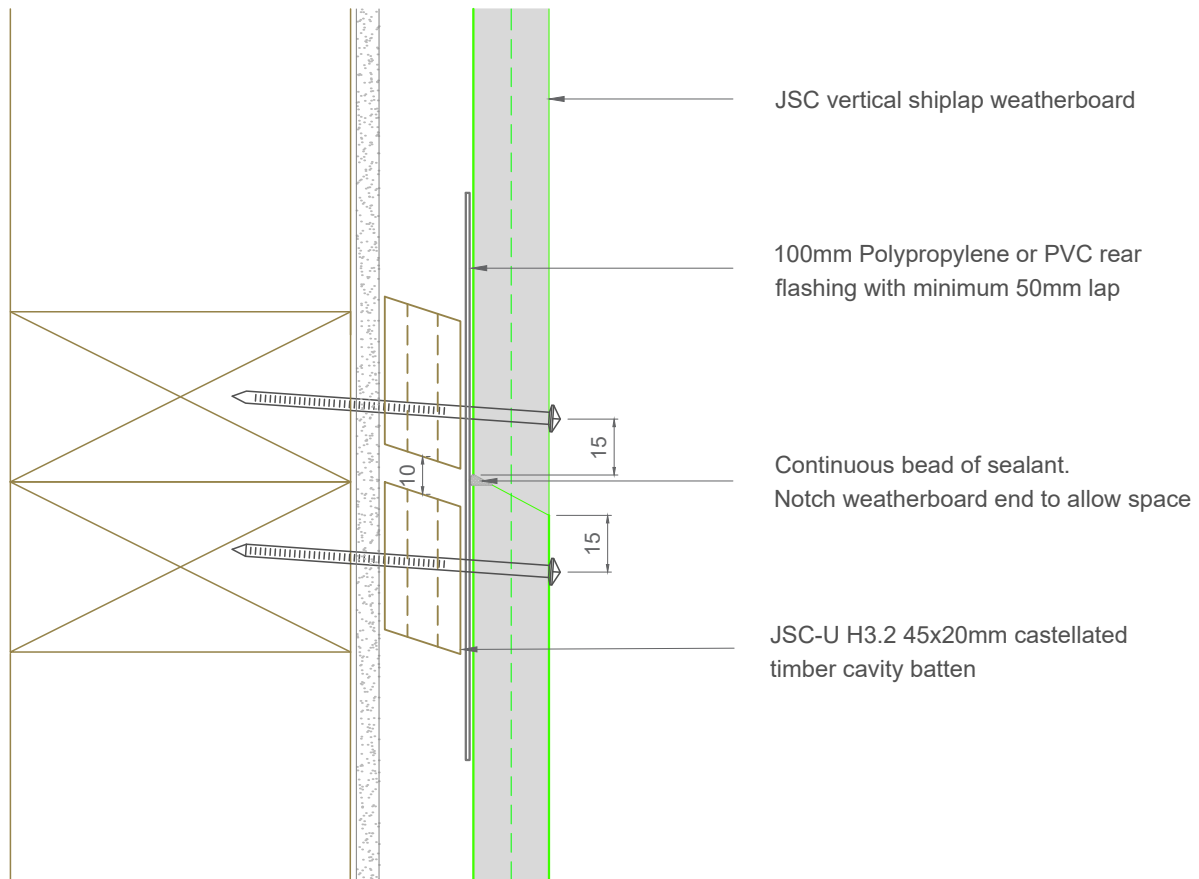
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Scarf Joint Detail

- Rigid Underlay

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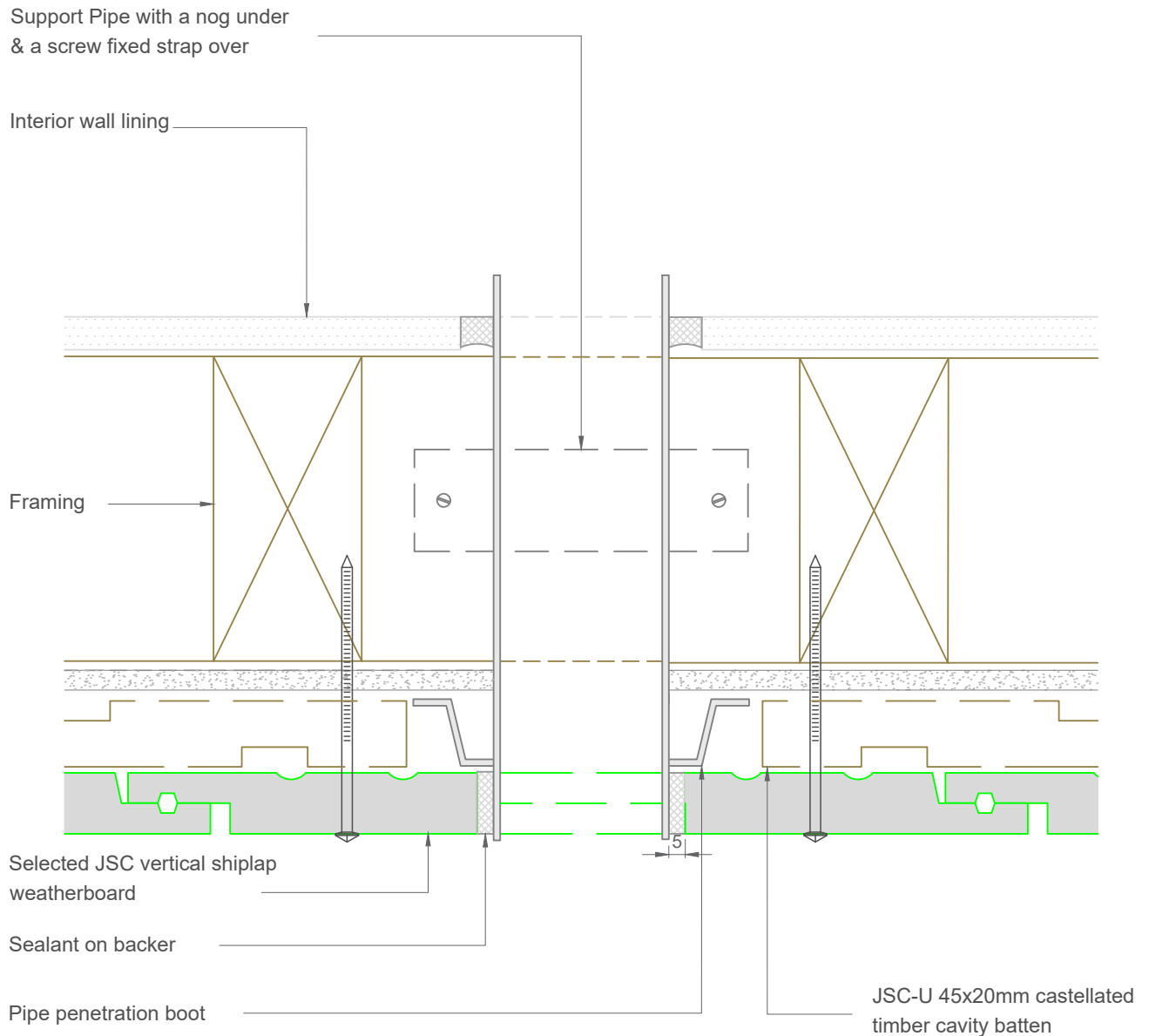
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Pipe Penetration Detail - Rigid Underlay

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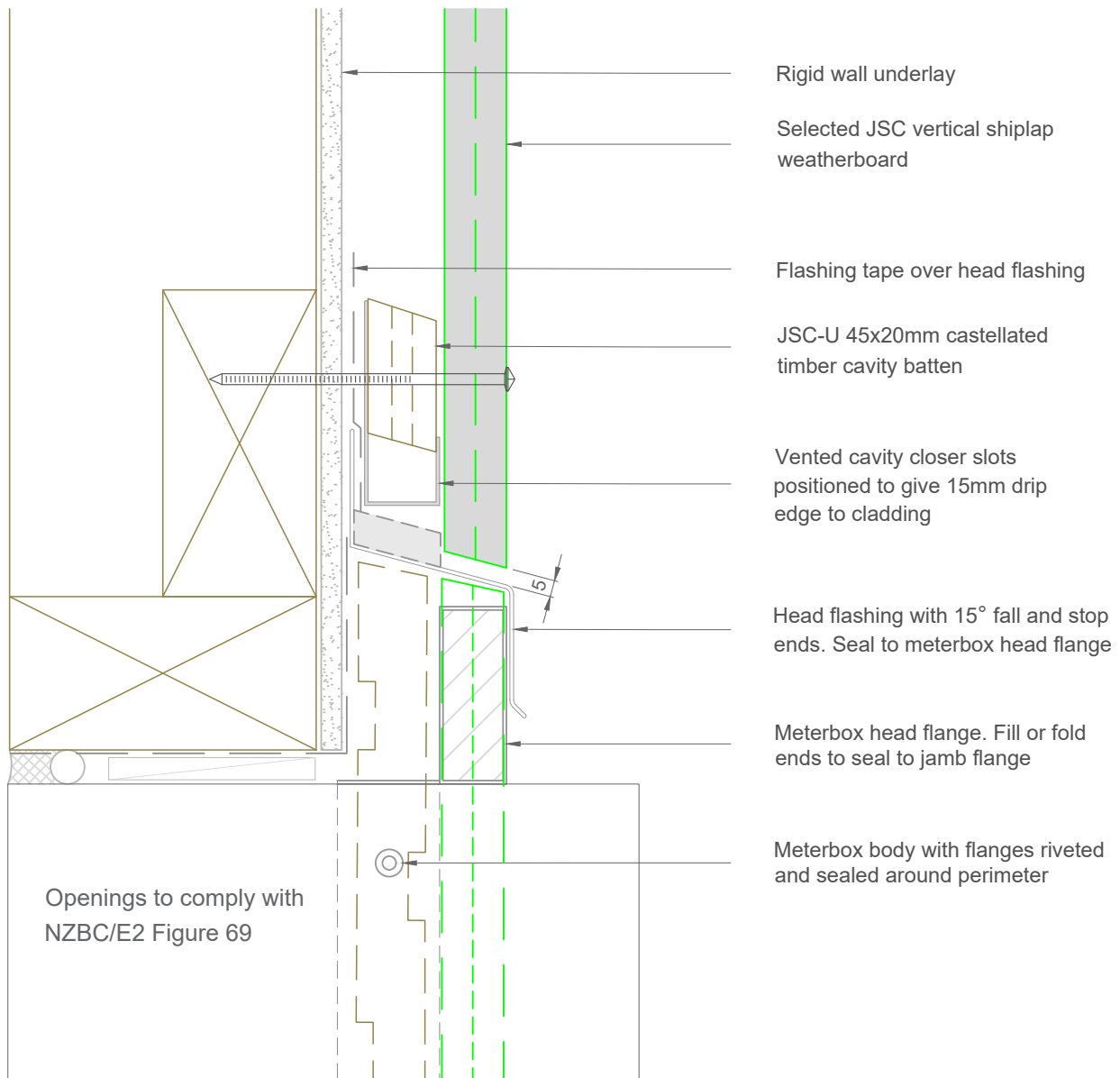
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MeterBox Head Detail - Rigid Underlay

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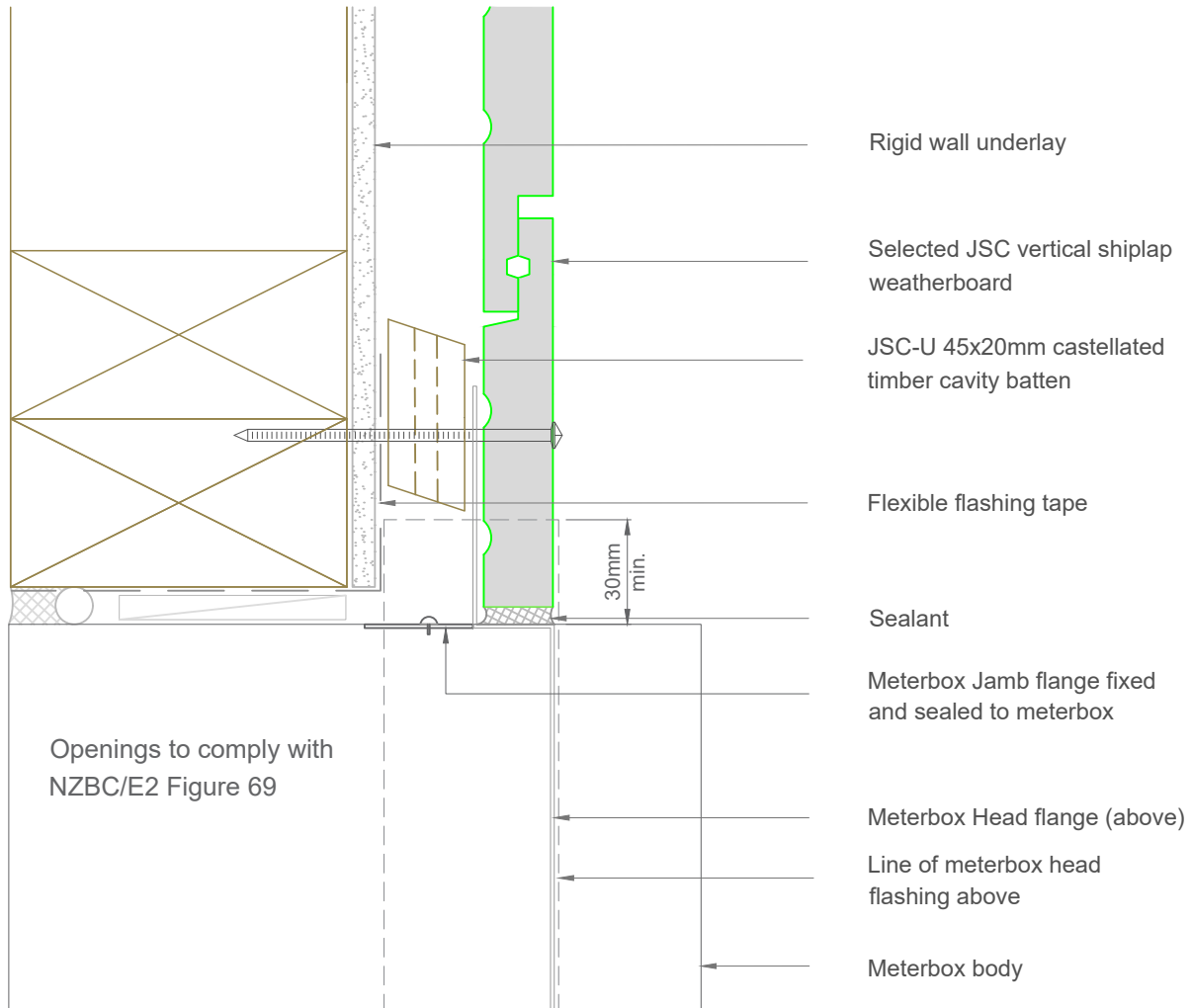
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MeterBox Jamb Detail - Rigid Underlay

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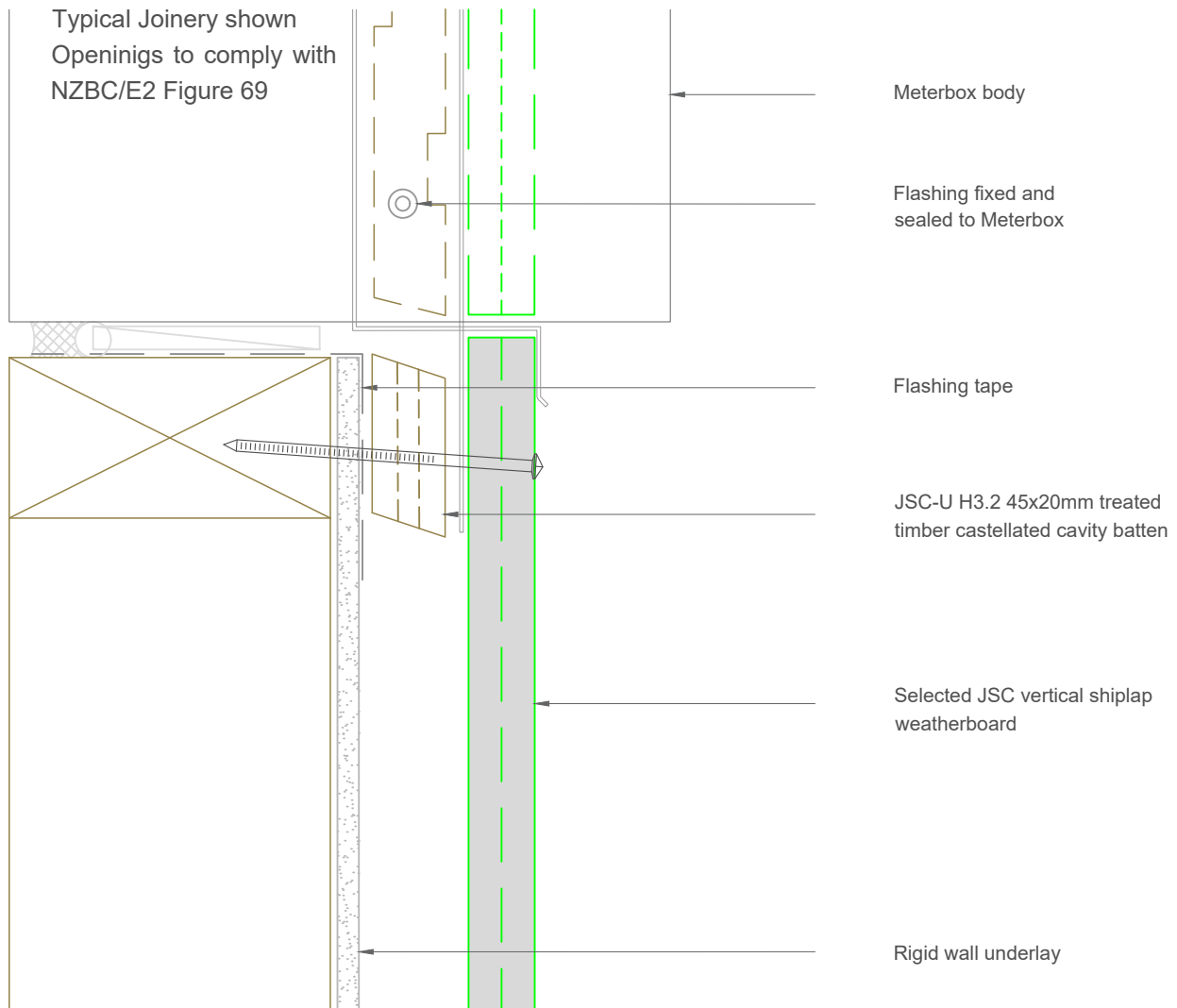
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MeterBox Sill Detail - Rigid Underlay

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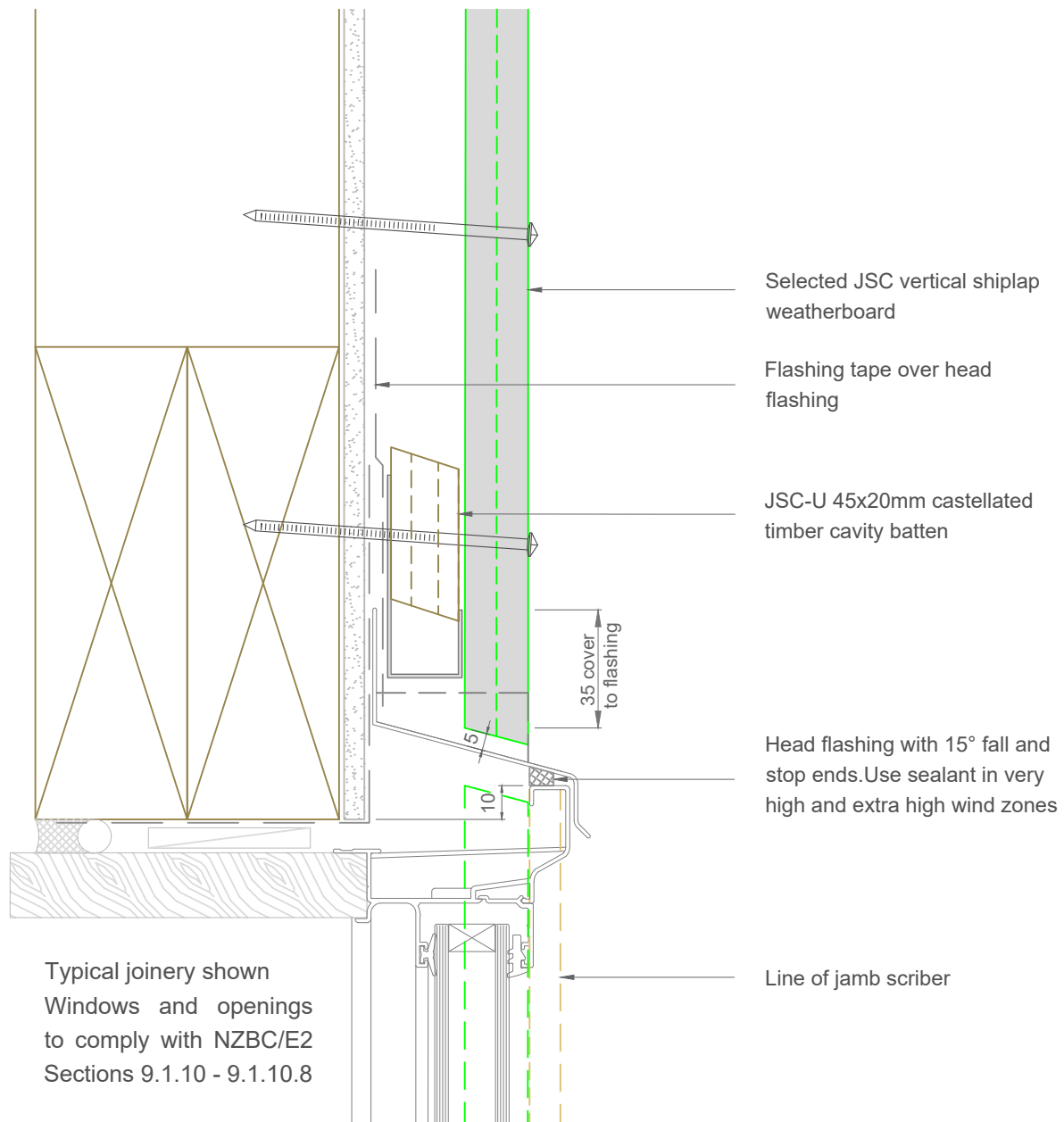
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Window Head Detail - Rigid Underlay

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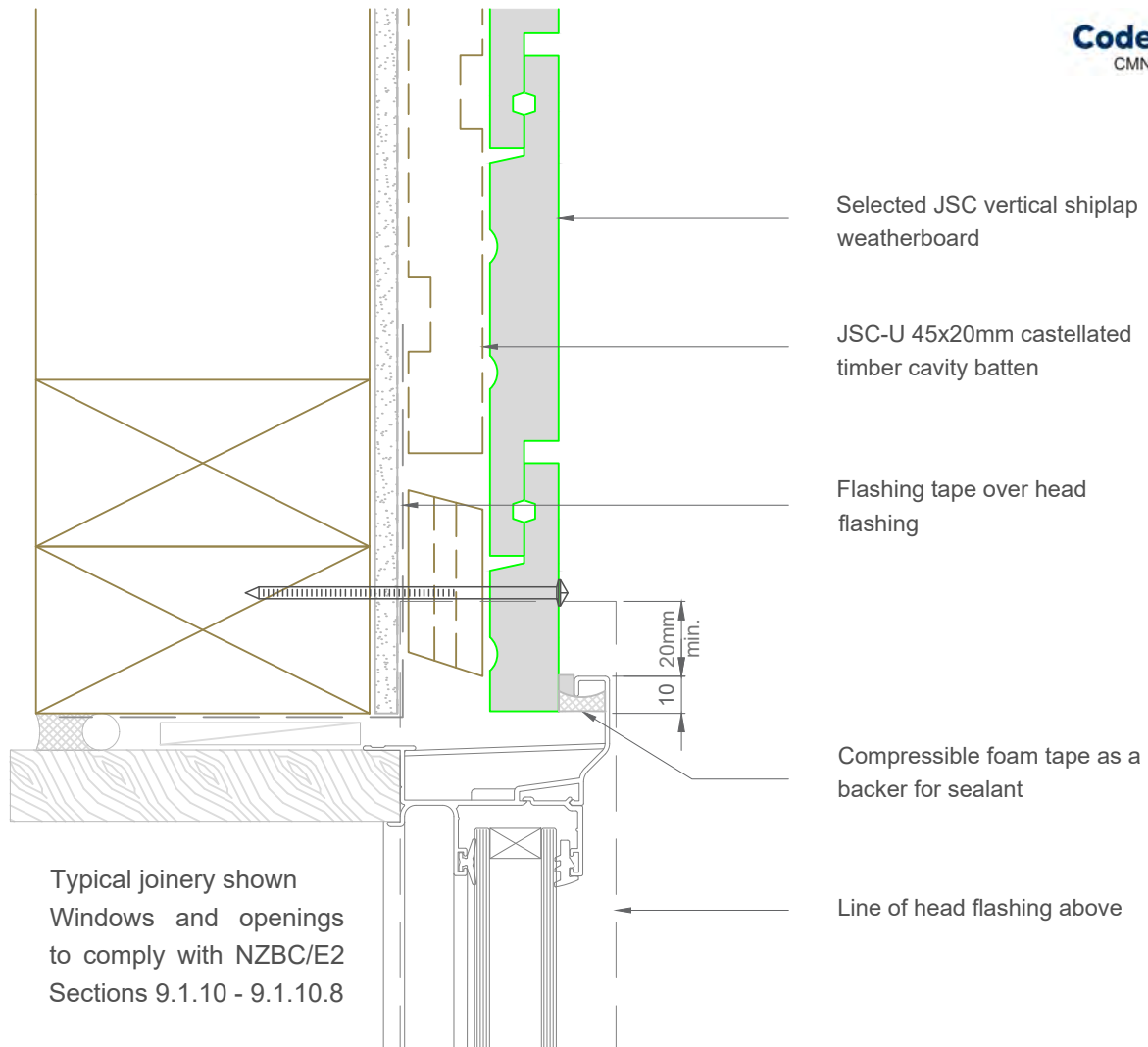
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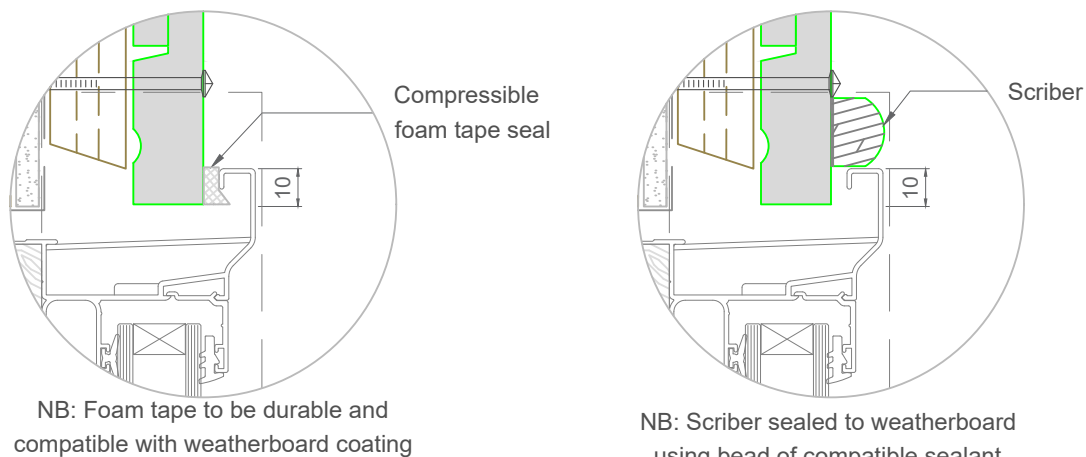
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Optional



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Window Jamb Detail - Rigid Underlay

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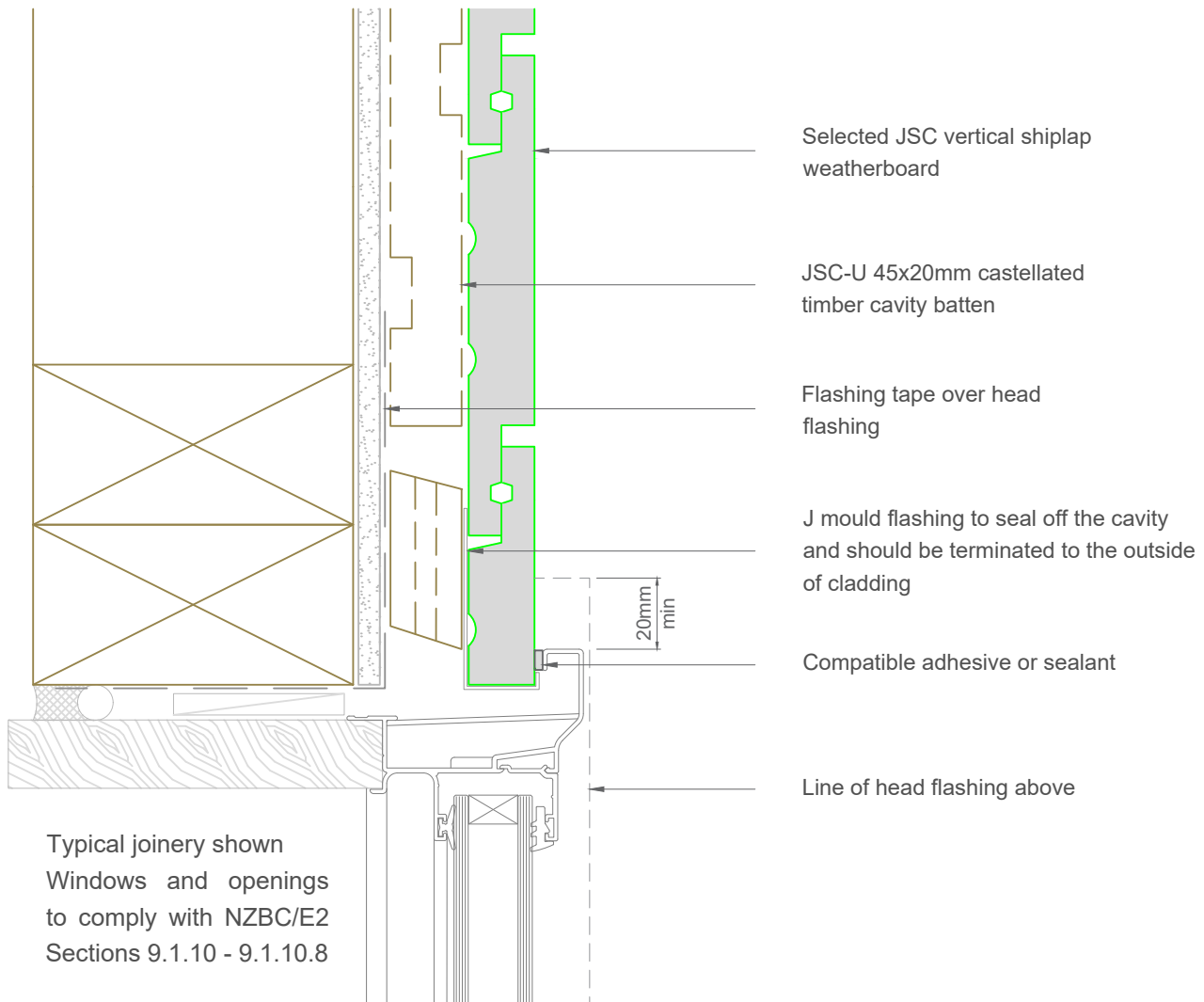
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Window Jamb Detail - Rigid Underlay

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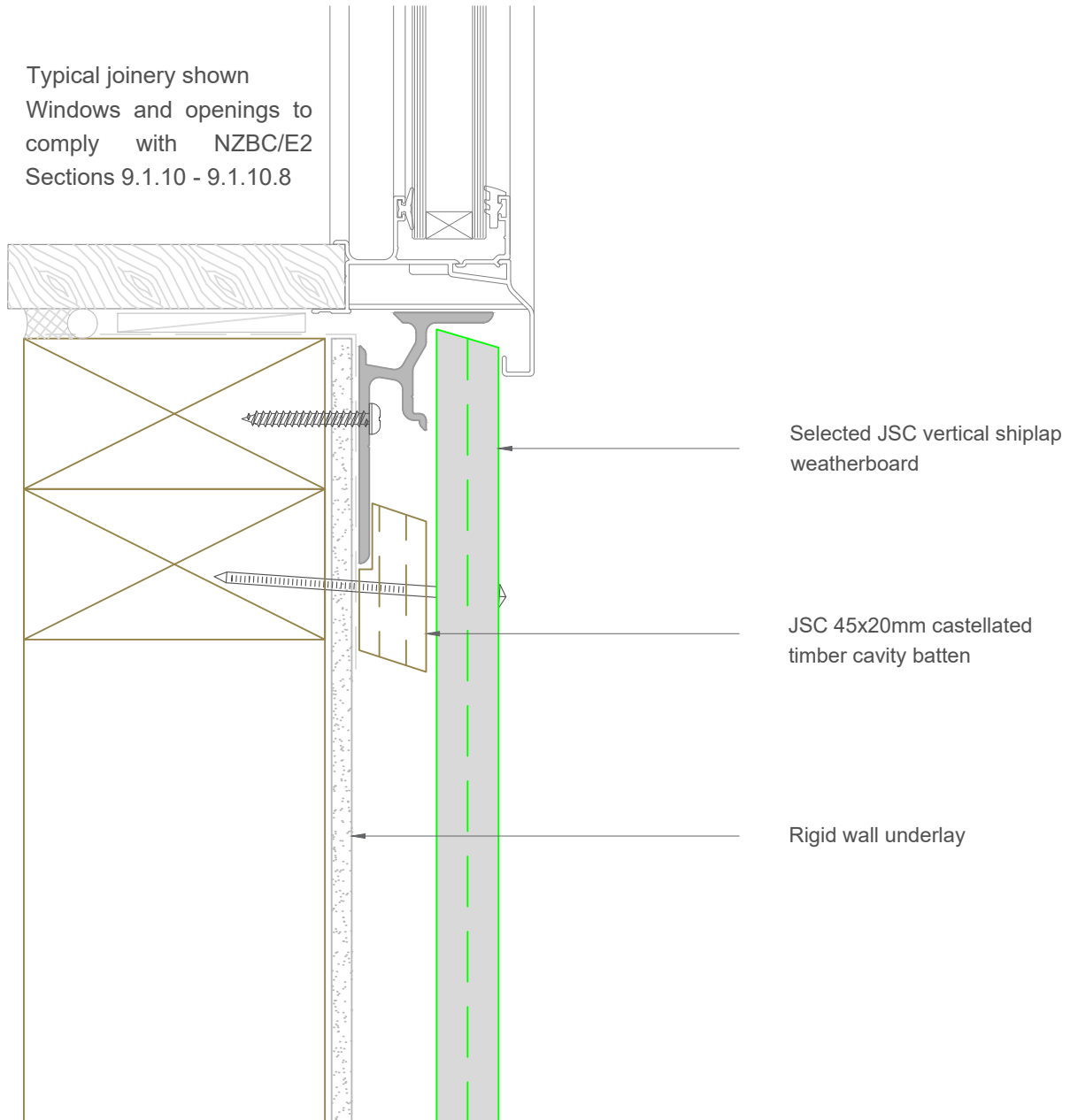
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Typical joinery shown
Windows and openings to
comply with NZBC/E2
Sections 9.1.10 - 9.1.10.8



Selected JSC vertical shiplap
weatherboard

JSC 45x20mm castellated
timber cavity batten

Rigid wall underlay

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Window Sill Detail - Rigid Underlay

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