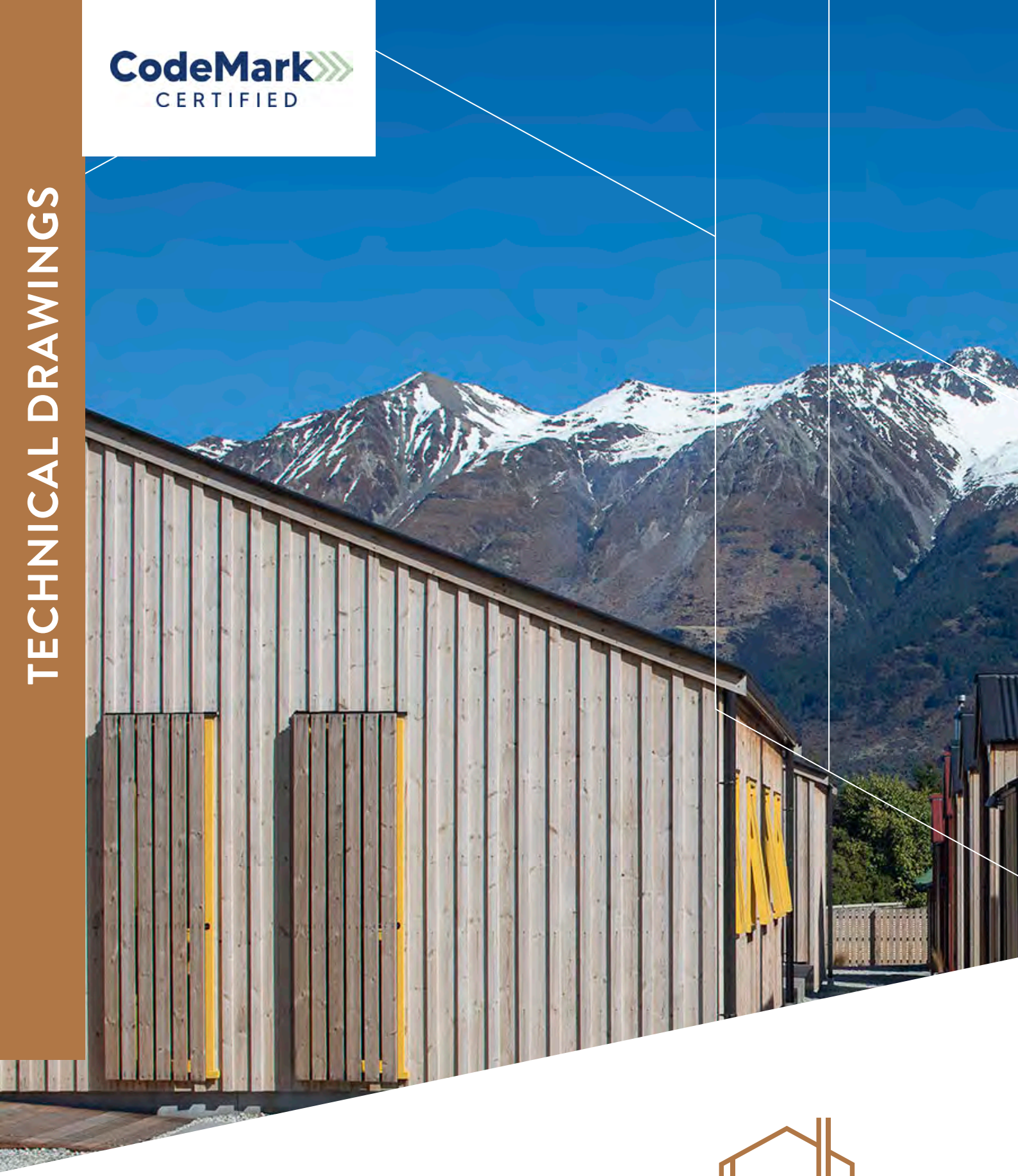
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TECHNICAL DRAWINGS



JSC Board & Batten

Board and Batten Weatherboard Cladding

20mm Cavity on Rigid Underlay

Version 1.4 | 11/02/2026

JSC

PREMIUM ARCHITECTURAL & BUILDING SOLUTIONS

Index

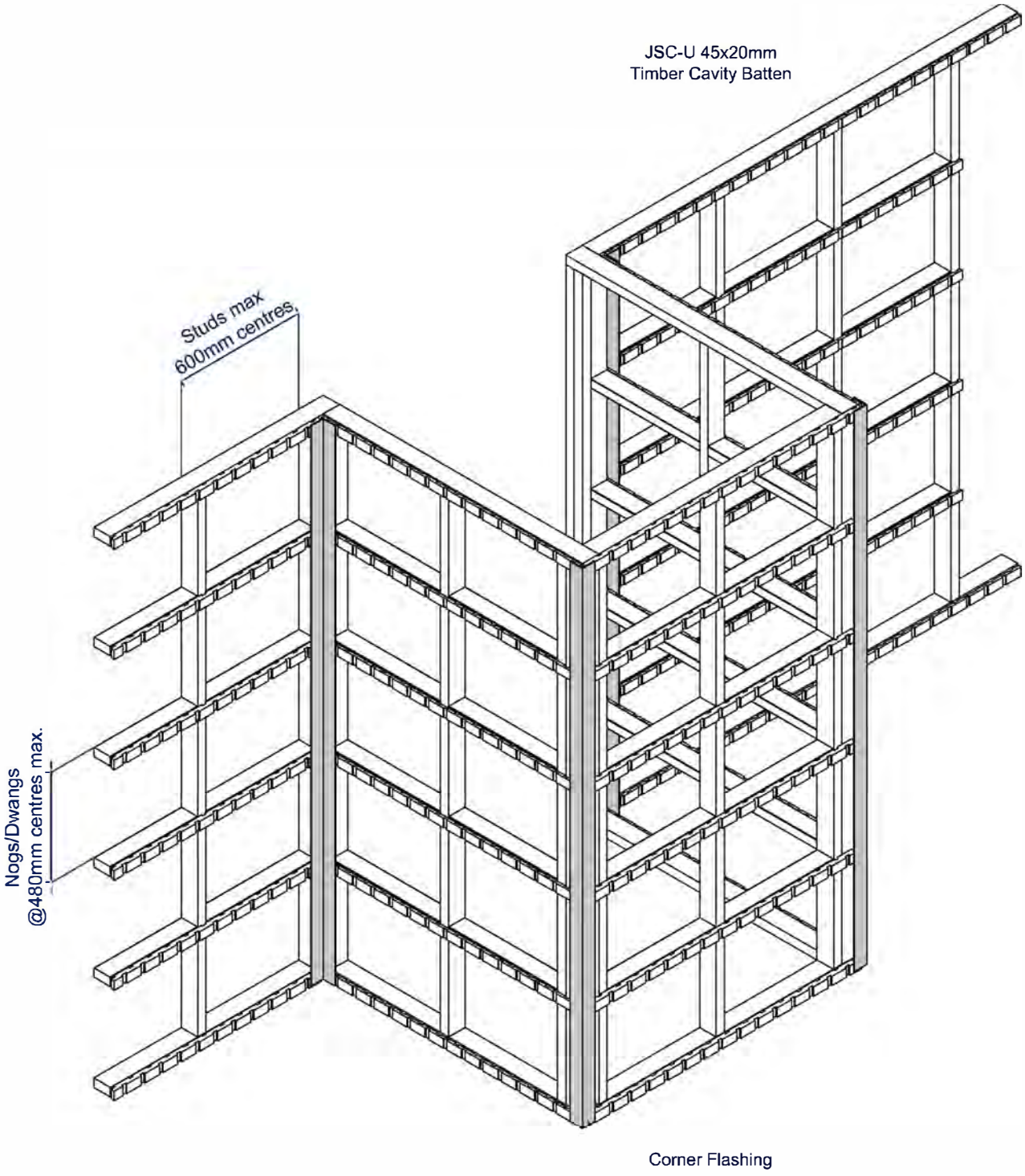
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20mm Cavity Setout Guide Fixed Horizontally

JVB-R20-SEC01	Sectional Detail – Plan View
JVB-R20-SEC02	Sectional Detail – Cross Section View
JVB-R20-01	Bottom Plate Detail
JVB-R20-01A	Bottom Plate on Timber Detail
JVB-R20-02	Top Plate Soffit Detail
JVB-R20-03	Raking Soffit Detail
JVB-R20-04	Bottom Plate Soffit Detail
JVB-R20-05	Inter Storey Junction Detail
JVB-R20-06	Parapet Detail
JVB-R20-10	Internal Corner Detail
JVB-R20-12	External Corner Box Detail
JVB-R20-20	Scarf Detail
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JVB-R20-25	Meterbox Head Detail
JVB-R20-26	Meterbox Jamb Detail
JVB-R20-27	Meterbox Sill Detail
JVB-R20-30	Window Head Detail
JVB-R20-31	Window Jamb Detail
JVB-R20-32	Window Sill Detail

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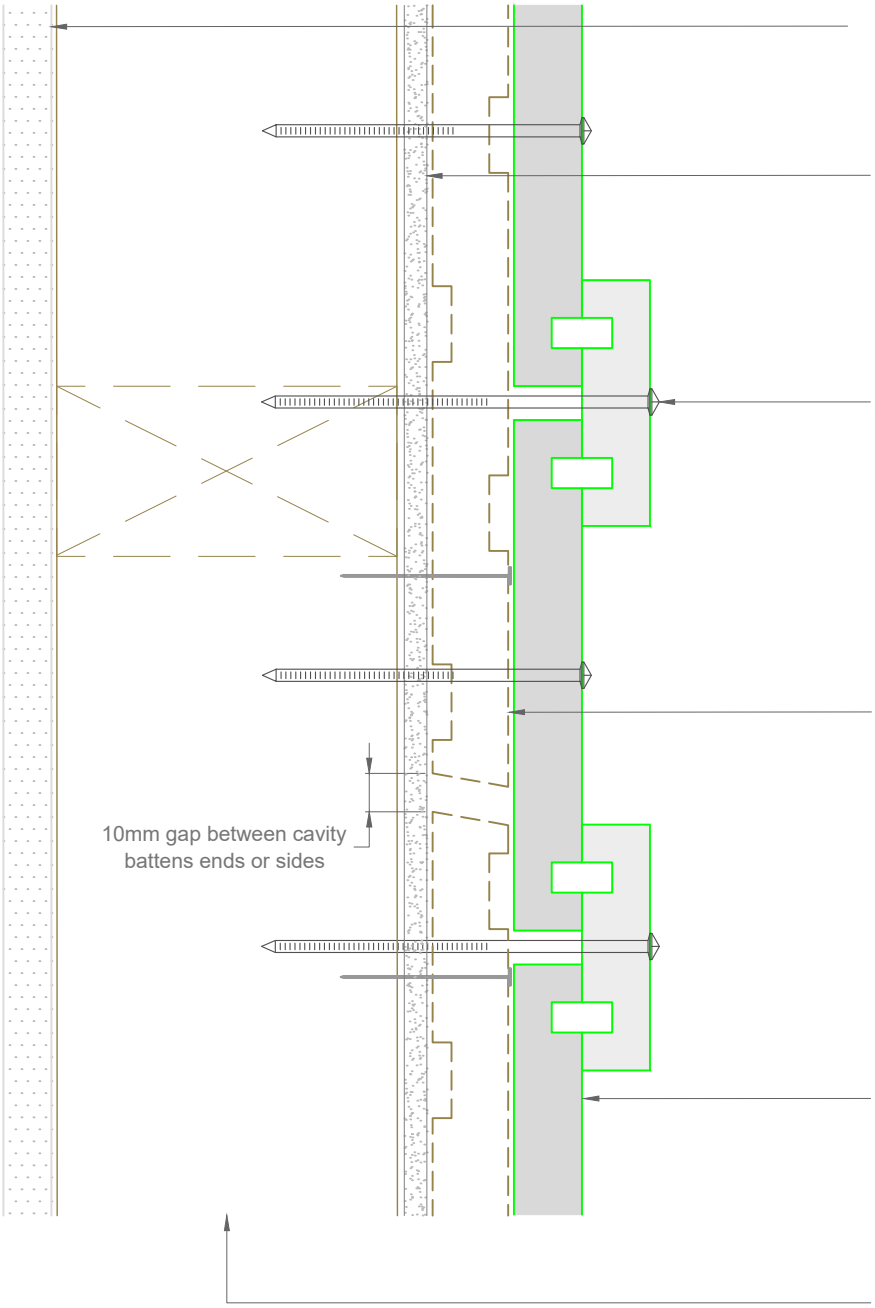
20mm Cavity Batten Setout fixed Horizontally



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

Plan View

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

Flexible or Rigid wall underlay to comply with NZBC/E2 Table C.2.1.1 installed to manufacturers specifications

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 2º upward slope
- 30mm min penetration into framing
- Nailed at the center of the board or batten at max 480 centers

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

- Tacked on with SS Clout or similar
- 10mm gab between cavity battens
- Always slope down away from wall

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

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-R20-SEC01**	**Scale:** 1:2 **Date:** 11/02/2026

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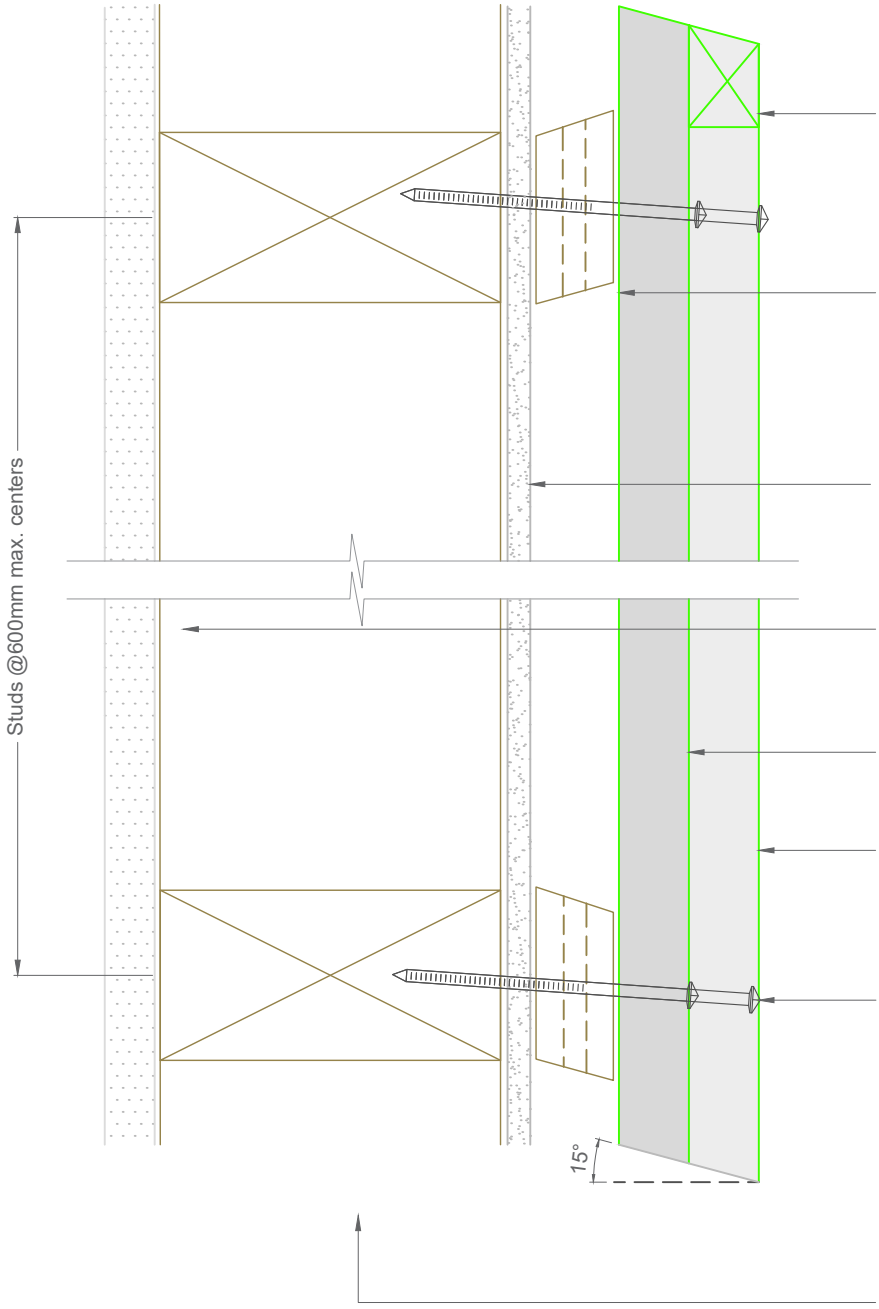
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Cross Section View

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

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°)

Flexible or Rigid 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 2º 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	**JVB-R20-SEC02**	**Scale:** 1:2 **Date:** 11/02/2026

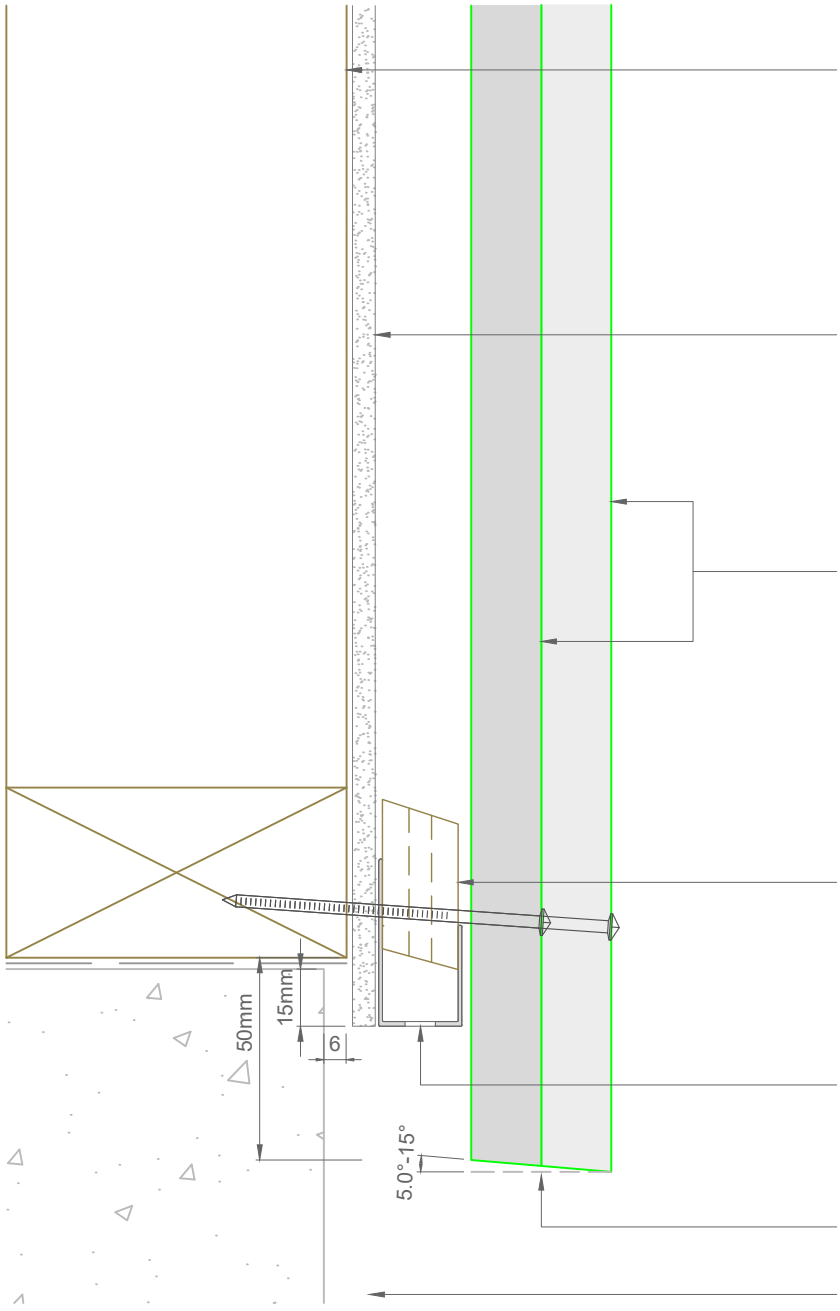
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Framing

Selected Rigid wall underlay

Selected JSC Board and Batten Weatherboard

JSC-U 45x20mm castellated timber cavity batten

Cavity Closer to comply with NZBC E2/AS1 9.1.7.5.and Figure 9.1.7.4A

Drip Edge

Concrete floor slab

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

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

Bottom Plate Detail - Rigid Underlay	**JVB-R20-01**	**Scale:** 1:2 **Date:** 11/02/2026

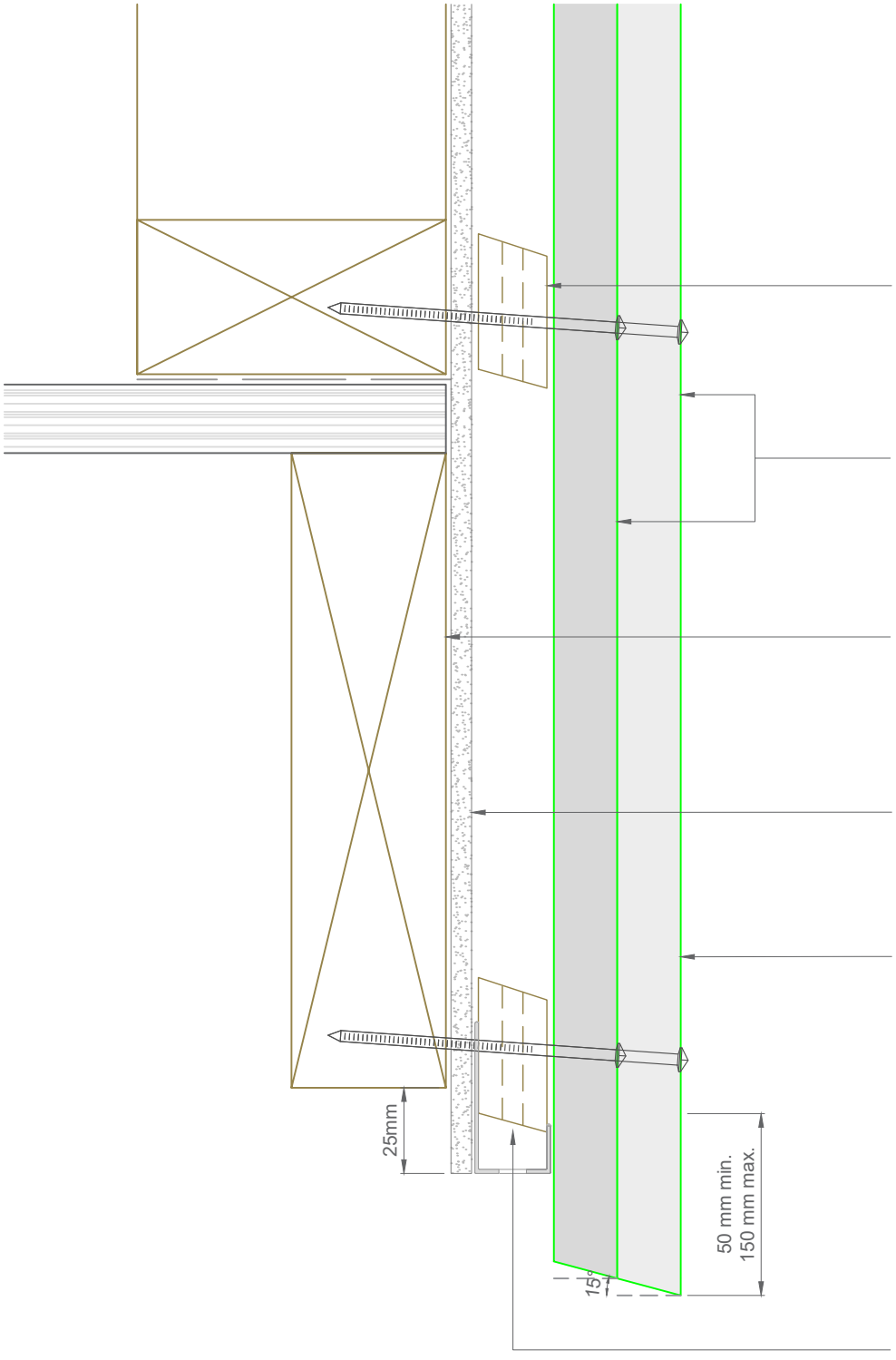
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JSC-U 45x20mm castellated timber cavity batten

Selected JSC Board and Batten Weatherboard

Boundary Joist

Selected Rigid wall underlay

Selected JSC Battens

Cavity Closer with Vent slots

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

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

Bottom Plate on Timber Detail - Rigid Underlay

JVB-R20-01A

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

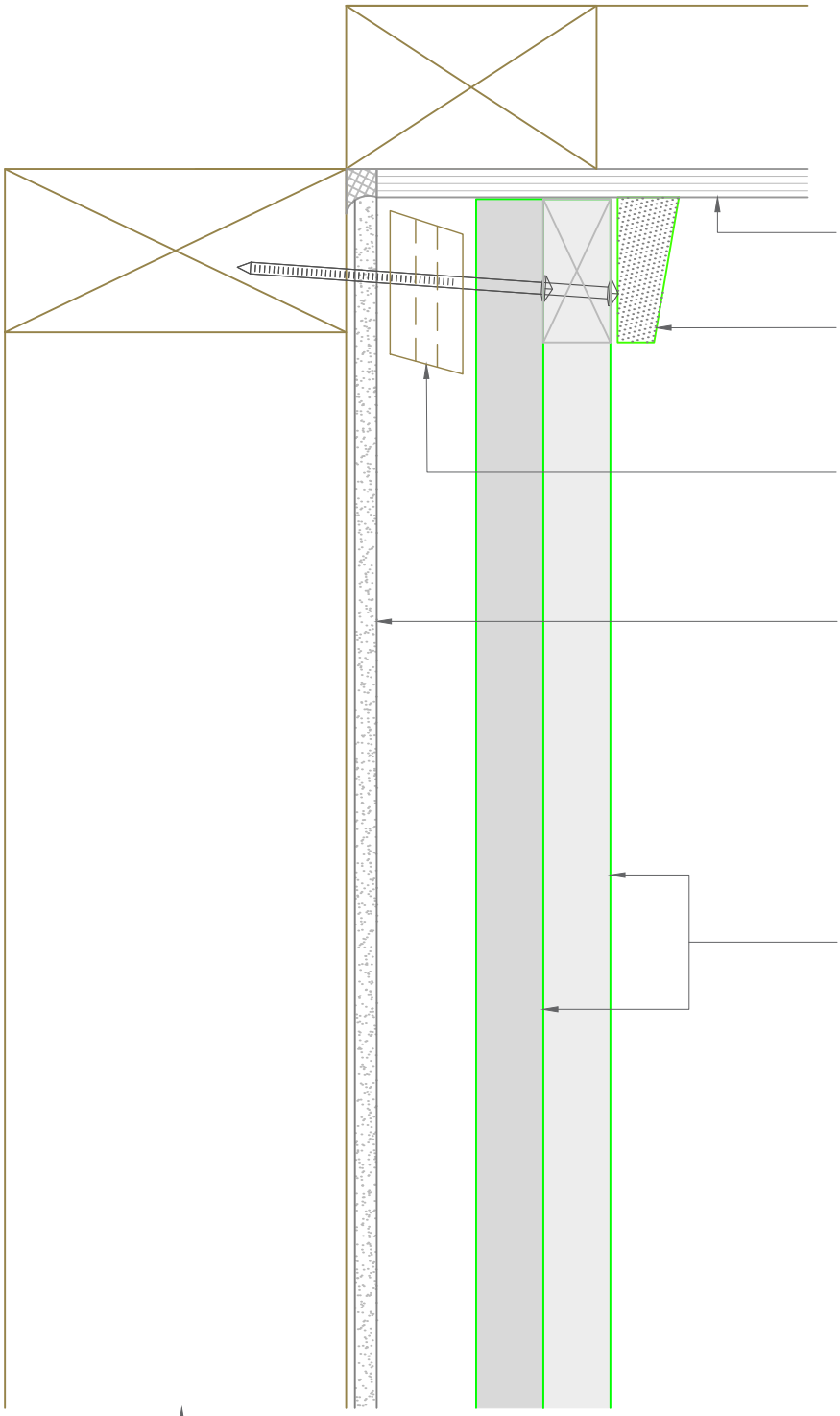
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Selected Soffit lining

Scotia Moulding
sealed to soffit

JSC-U 45x20mm castellated
timber cavity batten

Selected Rigid wall underlay

Selected JSC Board and
Batten Weatherboard

Framing

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

Top Plate Soffit Detail - Rigid Underlay

JVB-R20-02

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

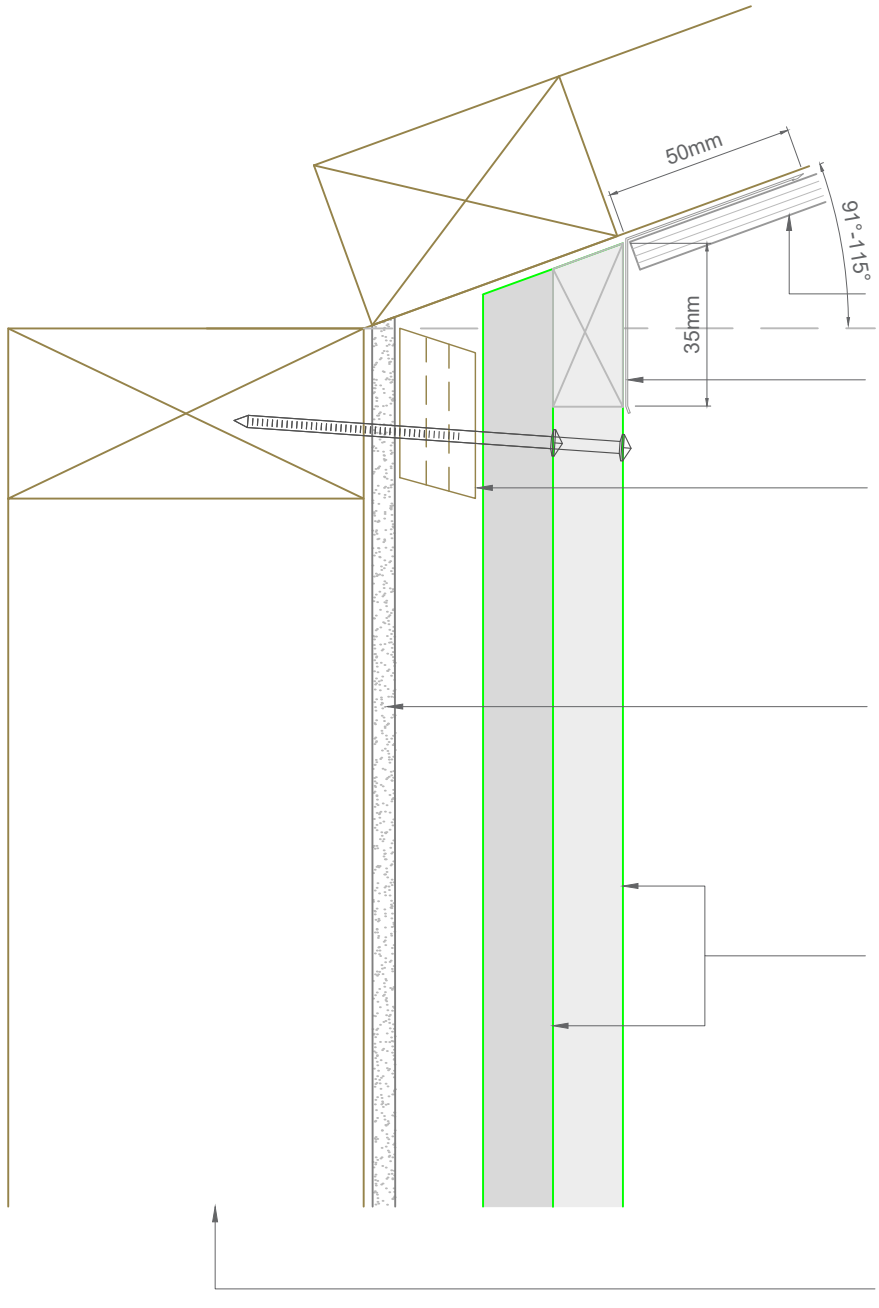
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Raking Soffit Detail - Rigid Underlay

JVB-R20-03

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Date: 11/02/2026

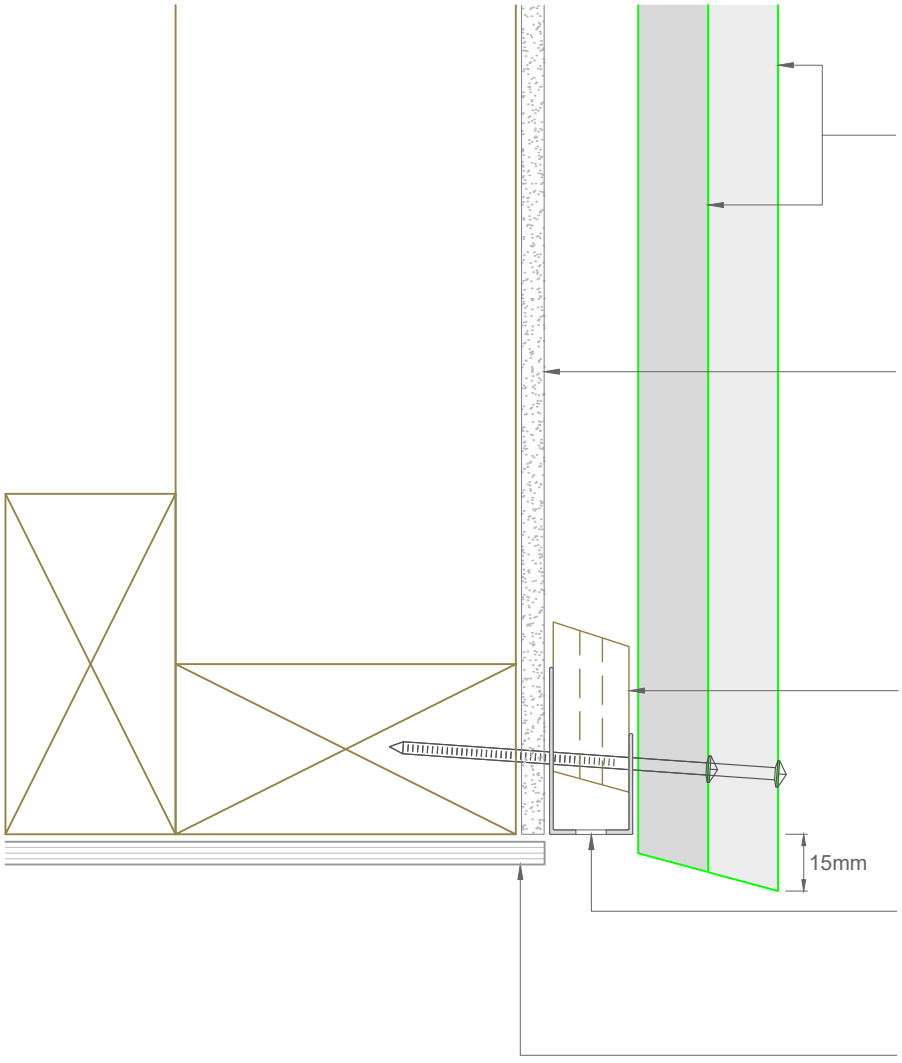
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Bottom Plate Soffit Detail - Rigid Underlay

JVB-R20-04

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

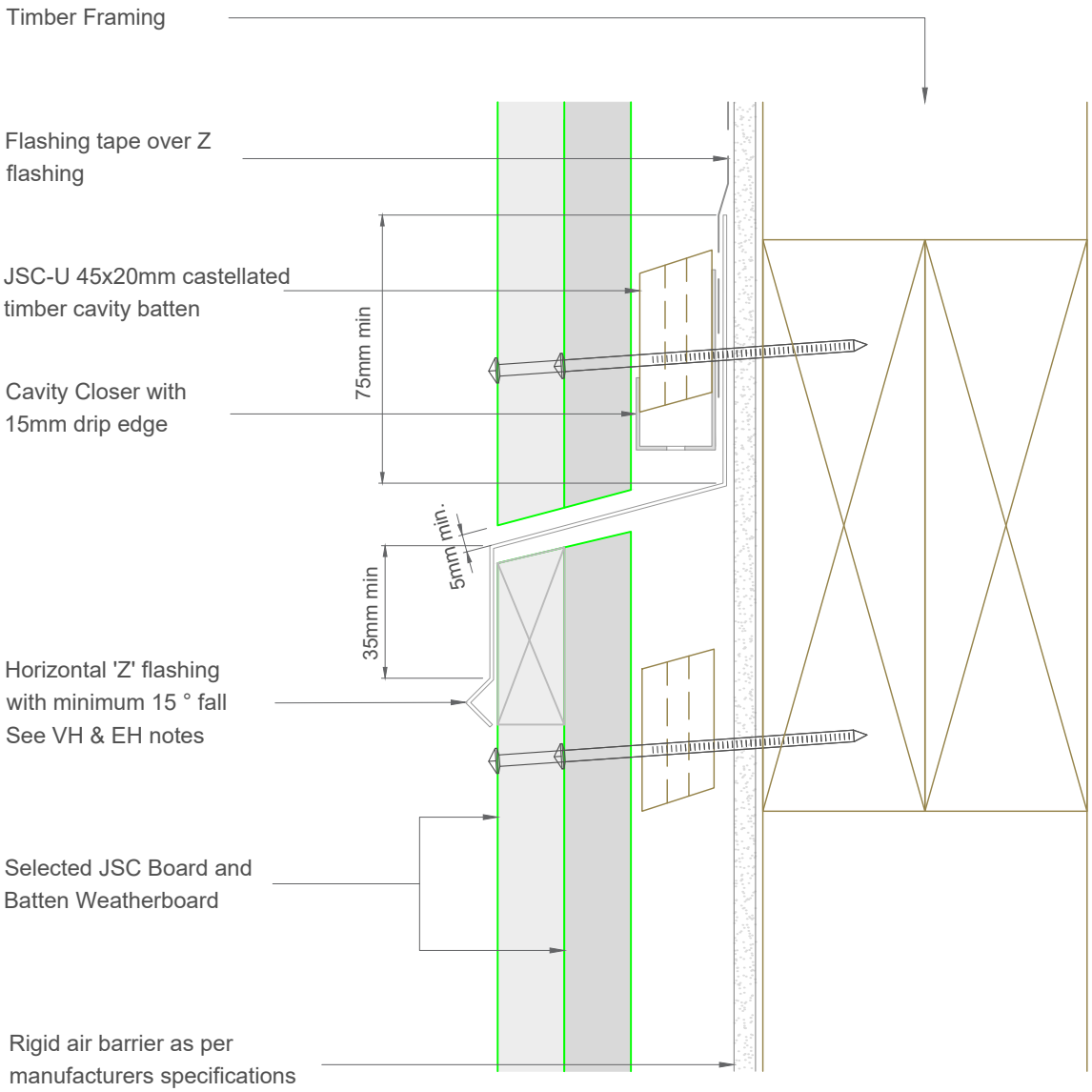
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Inter Storey Junction Detail - Rigid Underlay

JVB-R20-05

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Date: 11/02/2026

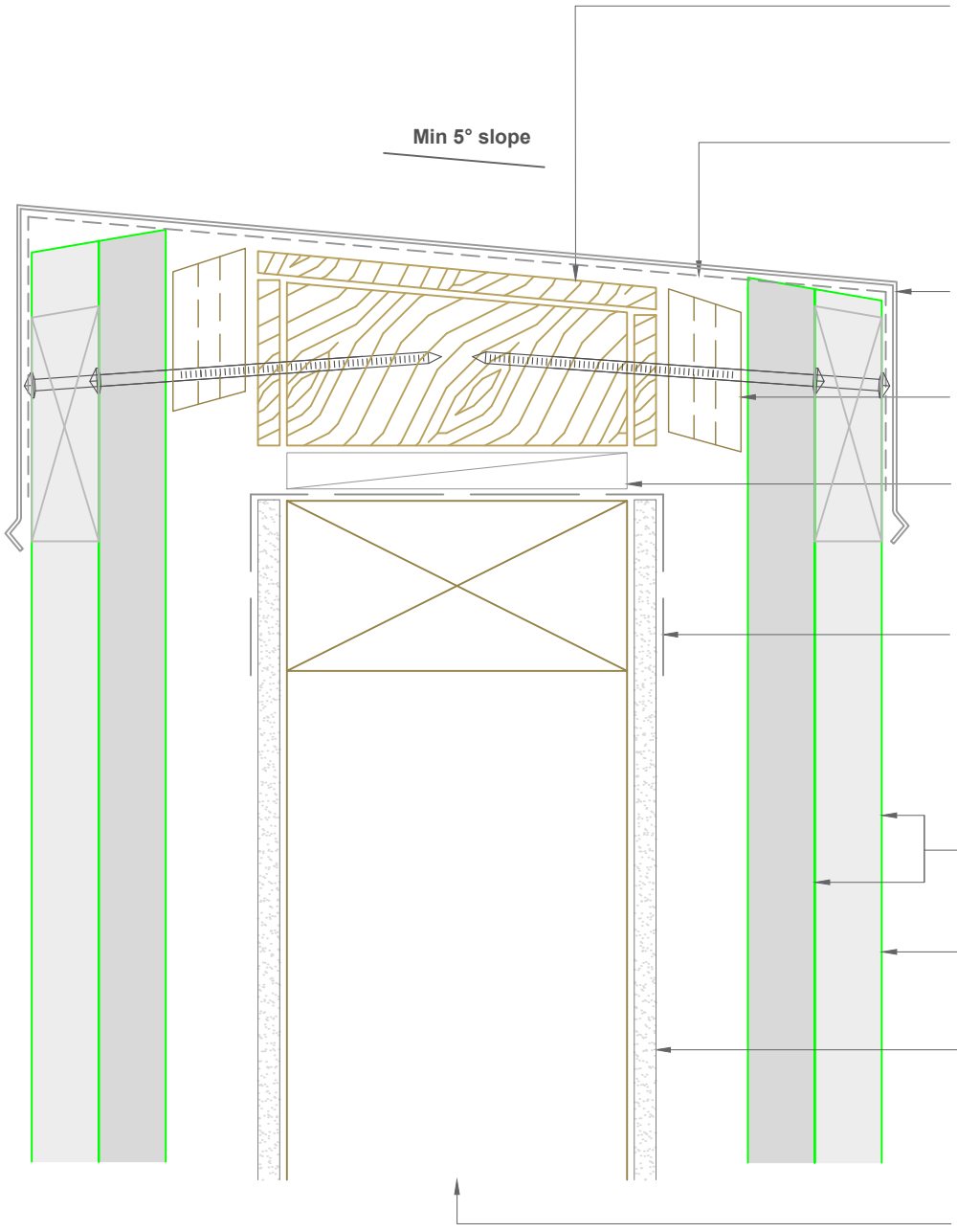
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H3.2 Treated packer to form slope

Underlay to provide separation of metal capping and timber

Metal capping per NZBC/E2 Figure 6.1.1.4A

JSC-U 45x20mm castellated timber cavity batten

Provide packer to ventilate between cavities

Flexible adhesive tape over air barrier as per the underlay manufacturer's specification

Selected JSC Board and Batten Weatherboard

J123 or J124

Selected Rigid wall underlay

Framing

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

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

Parapet Detail - Rigid Underlay

JVB-R20-06

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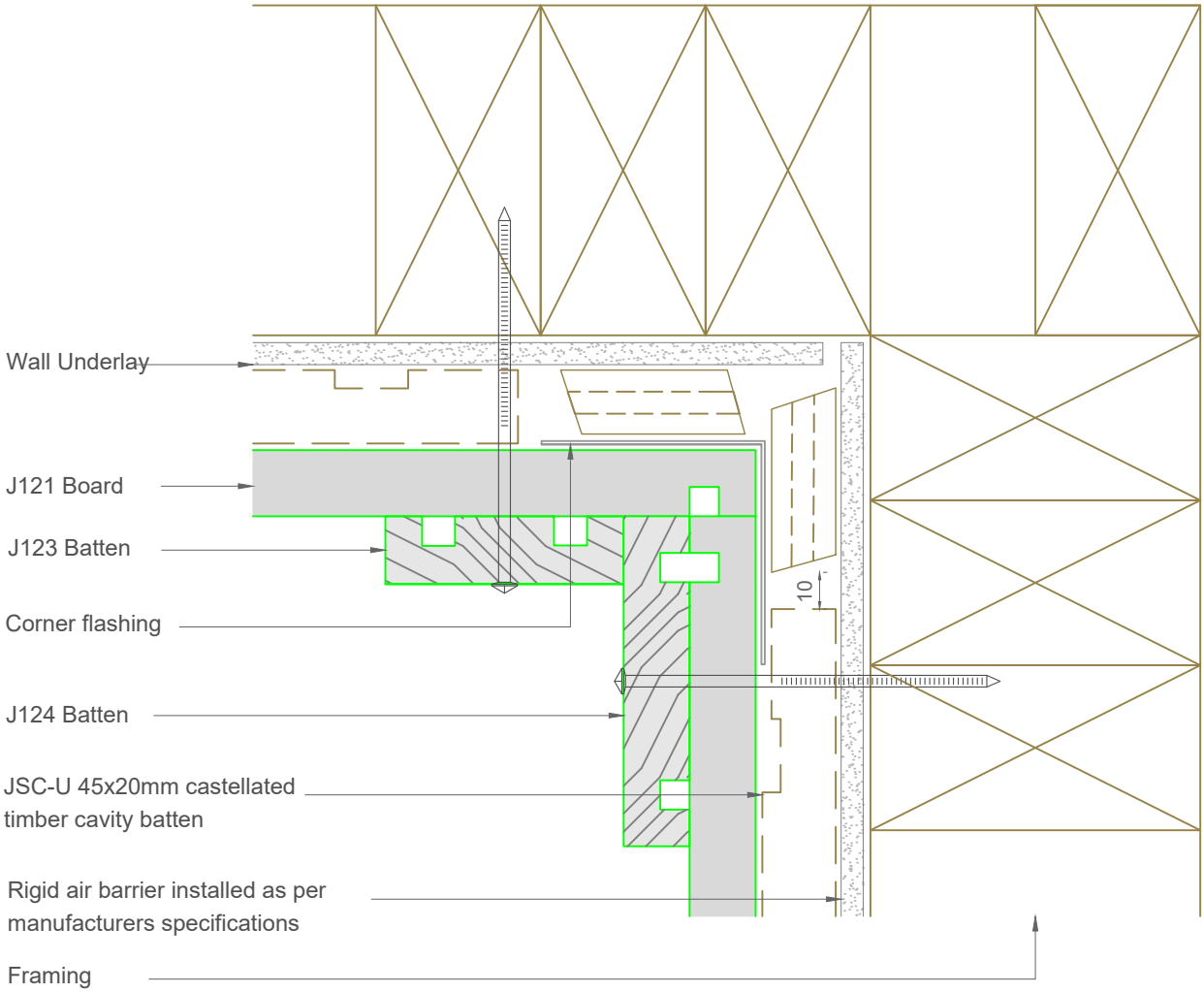
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Internal Corner Detail - Rigid Underlay

JVB-R20-10

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Date: 11/02/2026

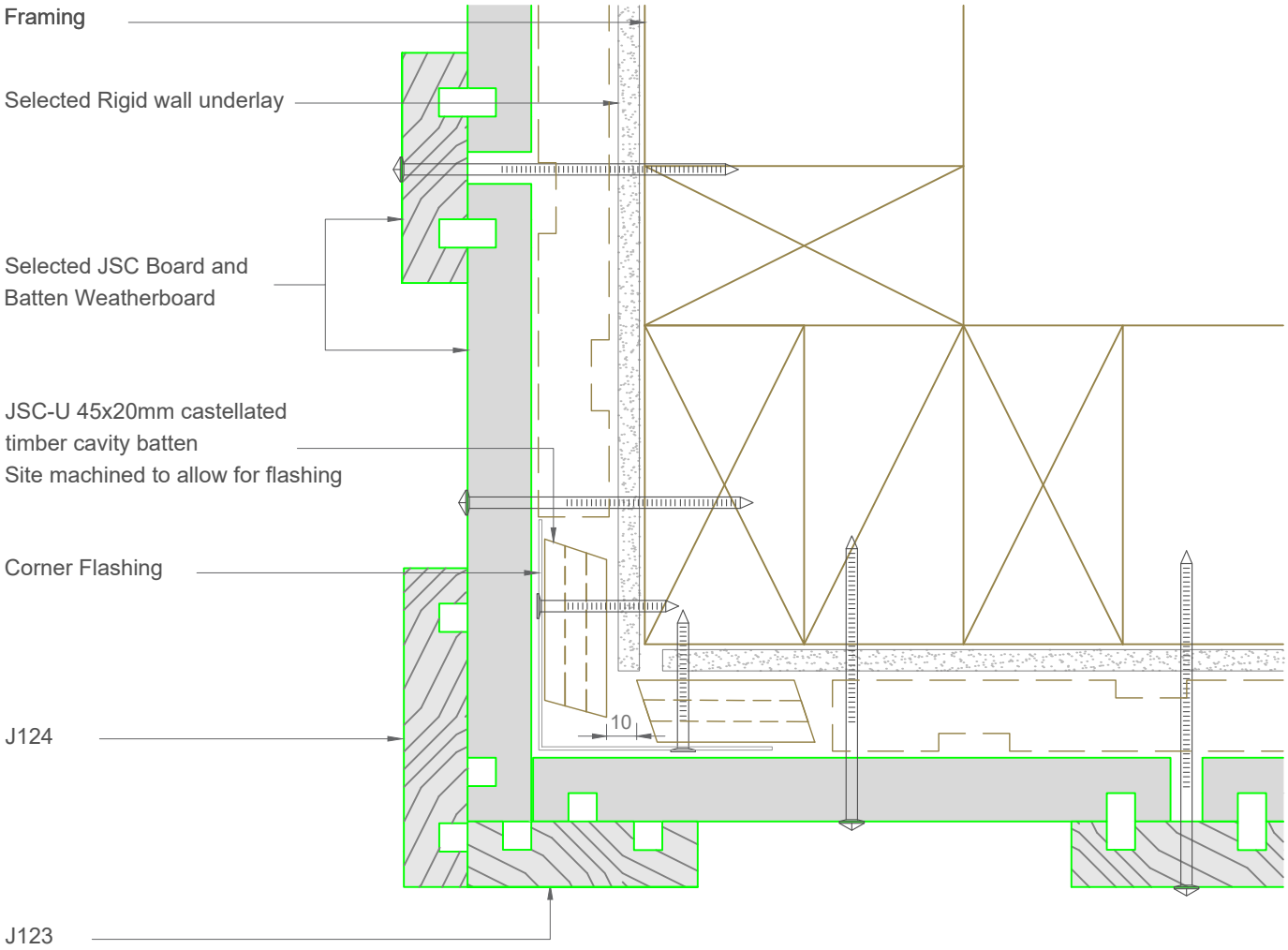
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External Corner Detail - Rigid Underlay

JVB-R20-12

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Date: 11/02/2026

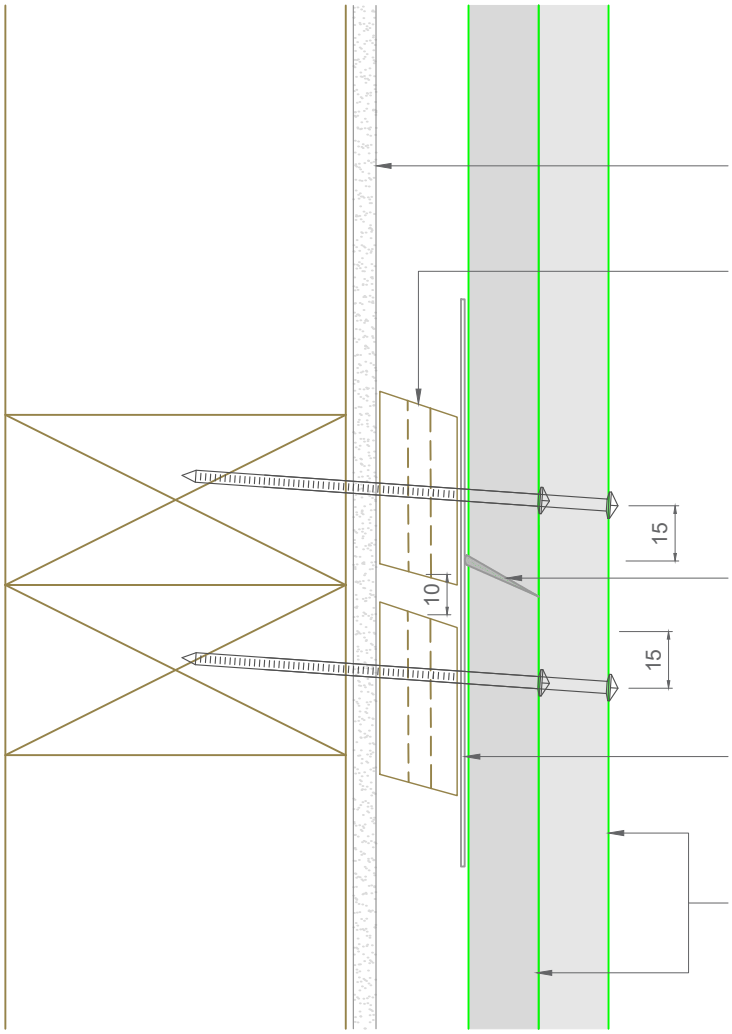
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Selected Rigid wall underlay

JSC-U-20x45 castellated timber cavity batten

30° Splay Cut
Continuous bead of sealant against backing

100mm Polypropylene or PVC rear flashing with minimum 50mm lap

Selected JSC Board and Batten Weatherboard

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

Scarf Joint Detail - Rigid Underlay

JVB-R20-20

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

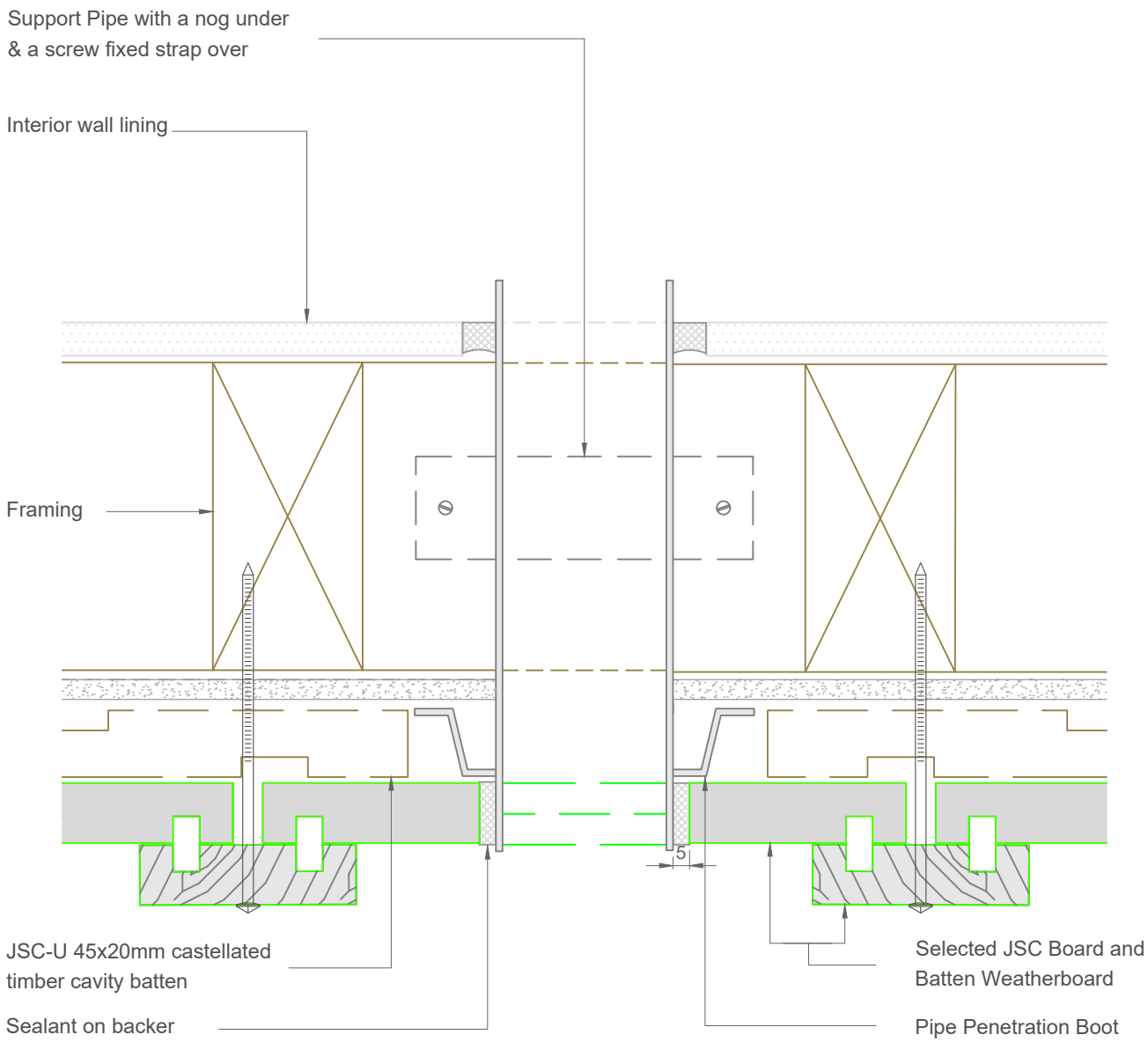
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Pipe Penetration Detail - Rigid Underlay

JVB-R20-21

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

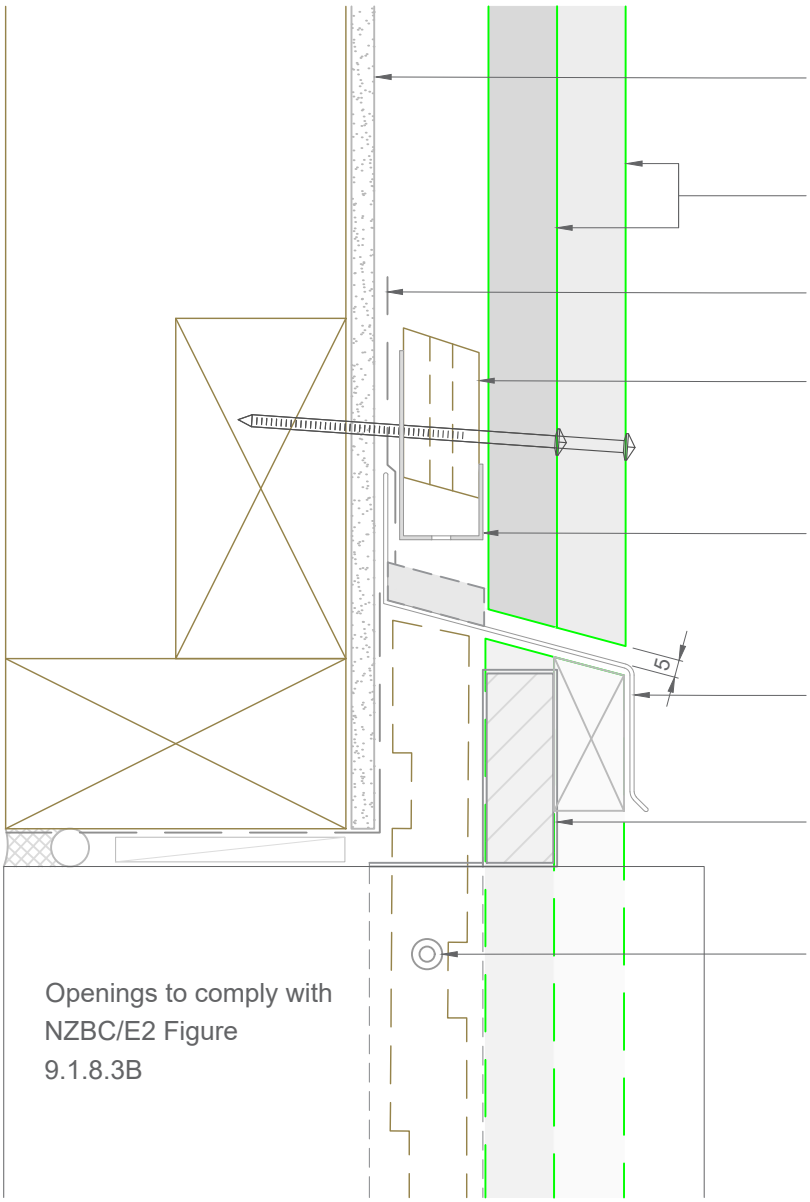
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Selected Rigid wall underlay

Selected JSC Board and Batten Weatherboard

Flashing tape over head flashing

JSC-U 45x20mm castellated timber cavity batten

Vented cavity closer slots positioned to give 15mm drip edge to cladding

Head flashing with 15° fall and stop ends. Seal to meterbox head flange

Meterbox head flange. Fill or fold ends to seal to jamb flange

Meterbox body with flanges riveted and sealed around perimeter

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

Meterbox Head Detail - Rigid Underlay

JVB-R20-25

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Date: 11/02/2026

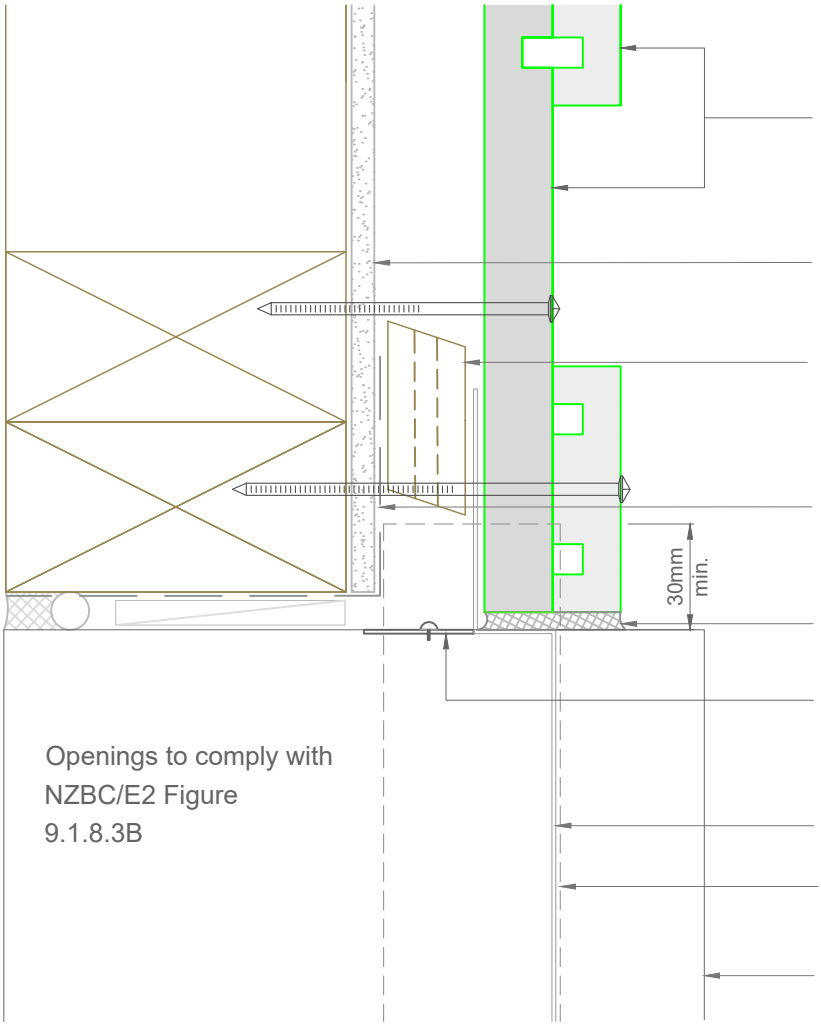
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Selected JSC Board and Batten Weatherboard

Selected Rigid wall underlay

JSC-U 45x20mm castellated timber cavity batten

Flexible flashing tape

Sealant

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 - Rigid Underlay

JVB-R20-26

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

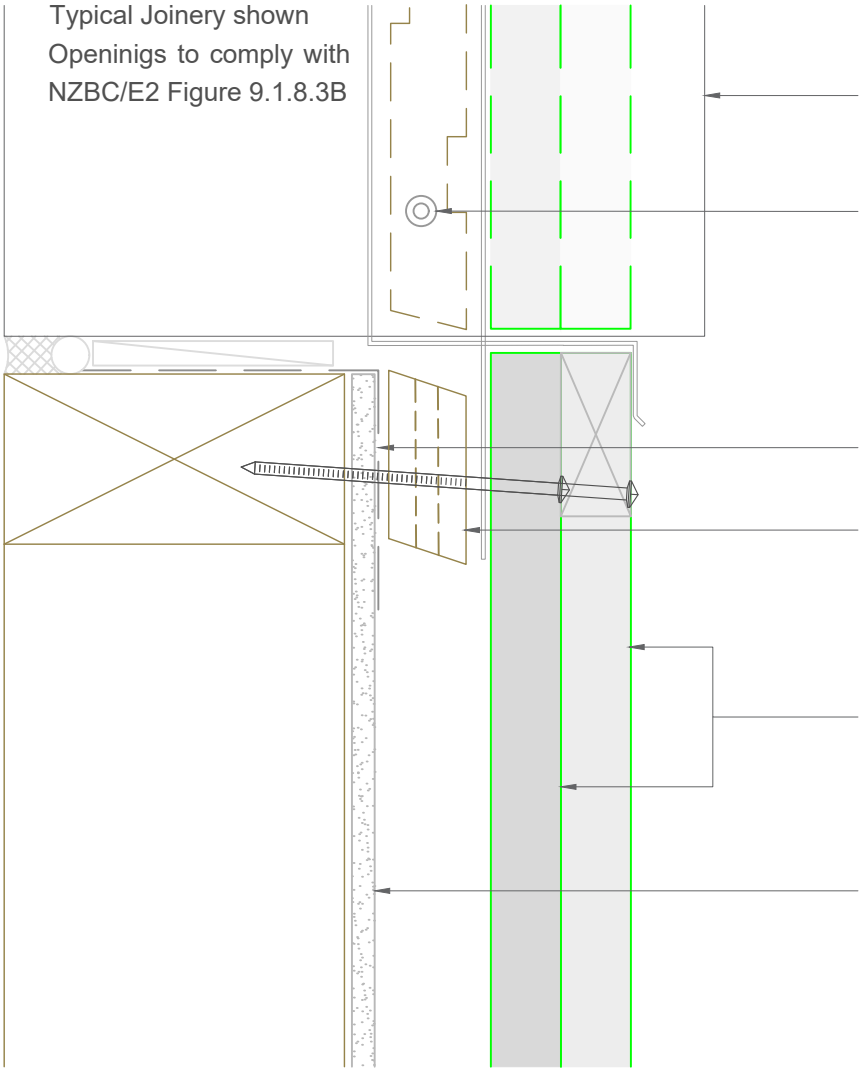
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Note: *To be read in conjunction with complete JSC installation instructions* • *Details may be subject to change without notification*

Meterbox Sill Detail - Rigid Underlay

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Date: 11/02/2026

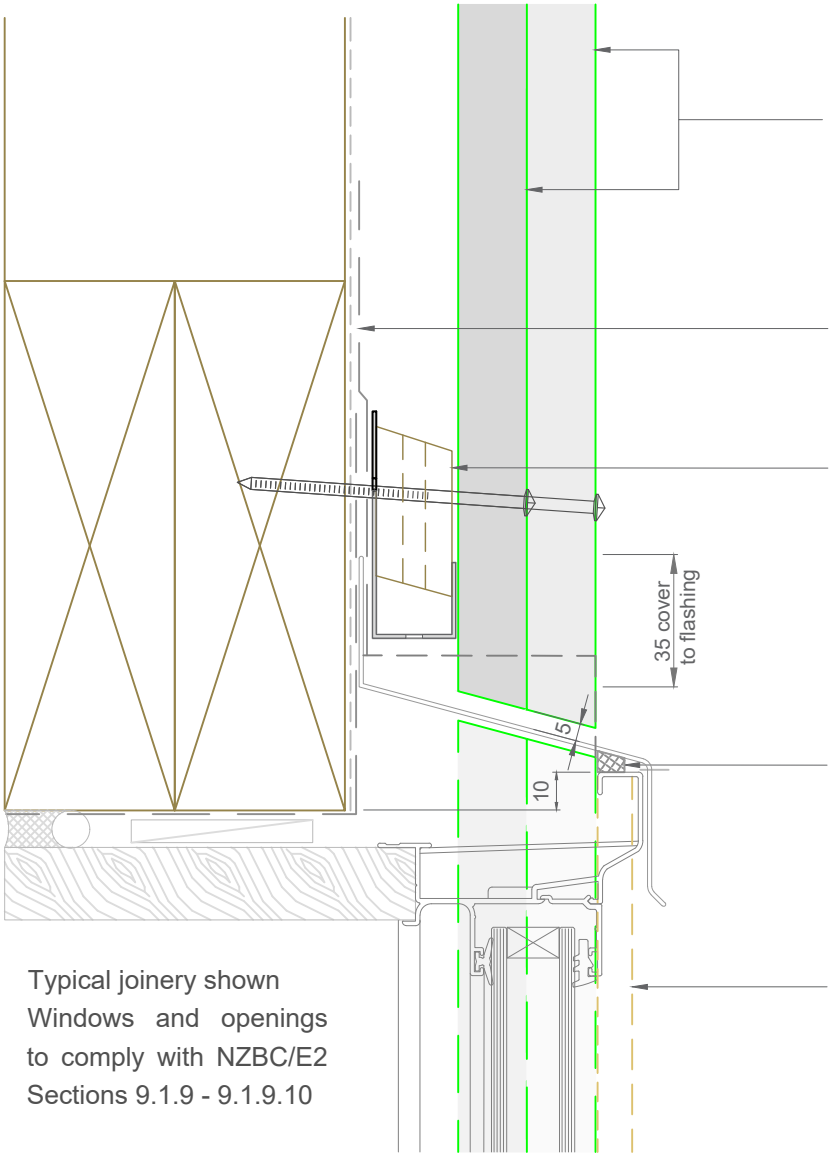
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Selected JSC Board and Batten Weatherboard

Flashing tape over head flashing

JSC-U 45x20mm castellated timber cavity batten

Head flashing with 15° fall and stop ends.Use sealant in very high and extra high wind zones

Line of jamb scriber

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 Head Detail

JVB-F20-30

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

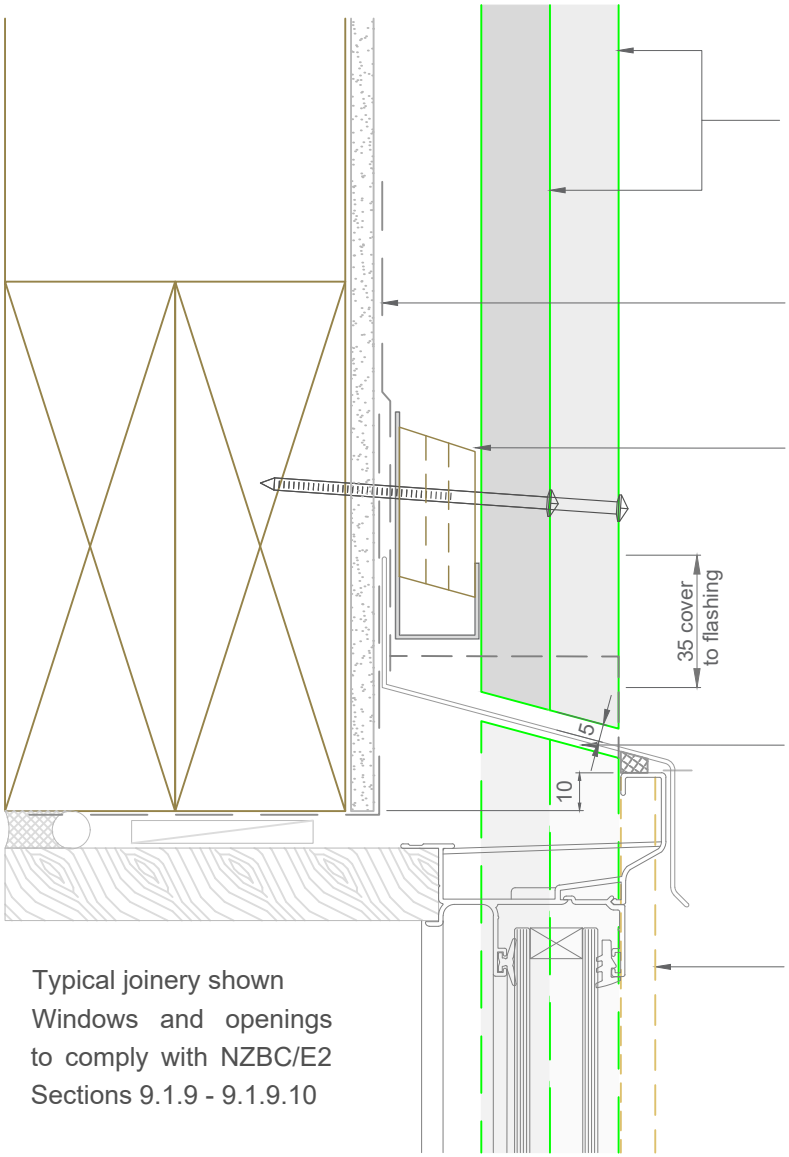
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Selected JSC Board and Batten Weatherboard

Flashing tape over head flashing

JSC-U 45x20mm castellated timber cavity batten

Head flashing with 15° fall and stop ends.Use sealant in very high and extra high wind zones

Line of jamb scriber

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 Head Detail - Rigid Underlay

JVB-R20-30

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

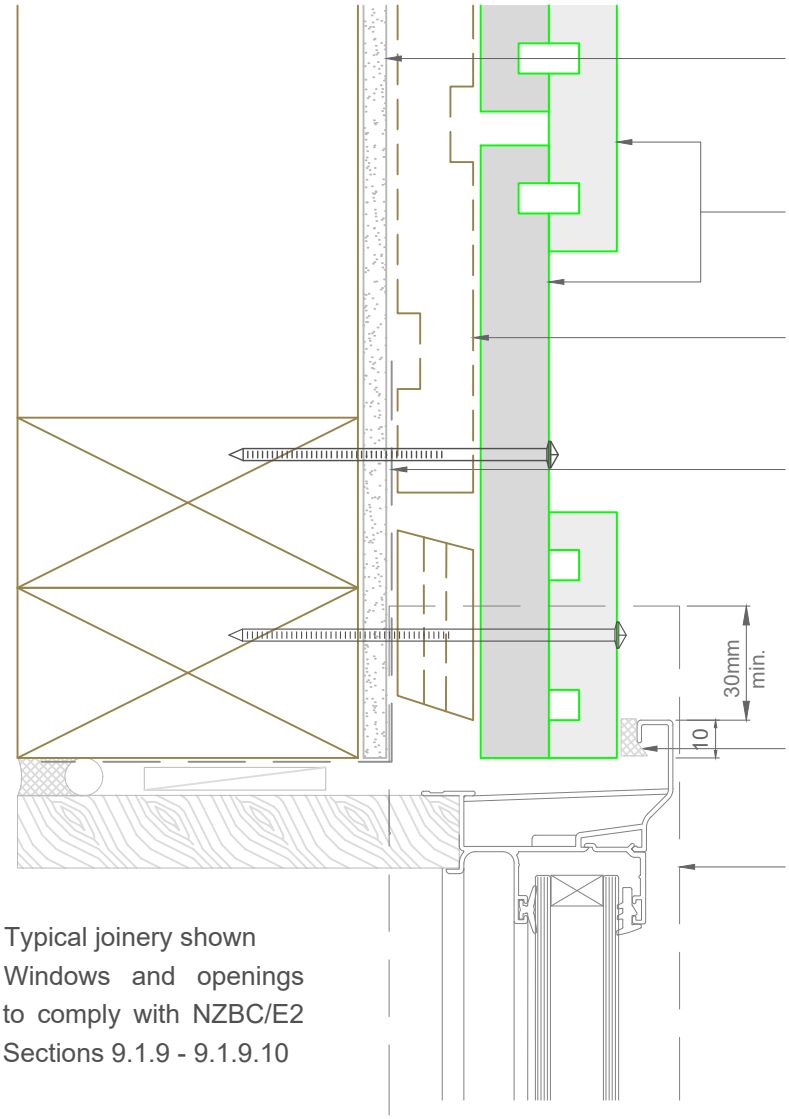
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Selected Rigid wall underlay

Selected JSC Board and Batten weatherboard

JSC-U 45x20mm castellated timber cavity batten

Flashing tape over head flashing

Compressible foam tape seal

Line of head flashing

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 Jamb Detail - Rigid Underlay

JVB-R20-31

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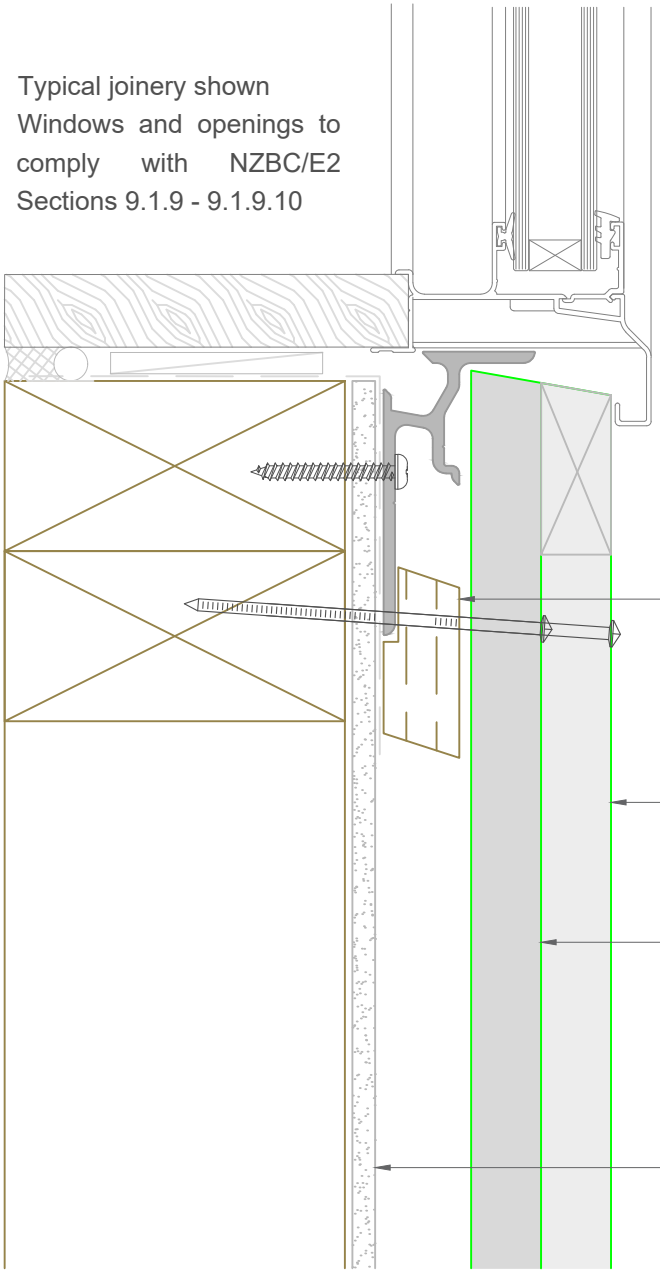
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Typical joinery shown
Windows and openings to comply with NZBC/E2 Sections 9.1.9 - 9.1.9.10



JSC 45x20mm castellated timber cavity batten

Selected JSC Board and Batten Weatherboard

Selected Rigid wall underlay

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

Window Sill Detail - Rigid Underlay

JVB-R20-33

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

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JSC PREMIUM ARCHITECTURAL & BUILDING SOLUTIONS