

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

Version 1.1 | 25/08/2023



PREMIUM ARCHITECTURAL  
& BUILDING SOLUTIONS

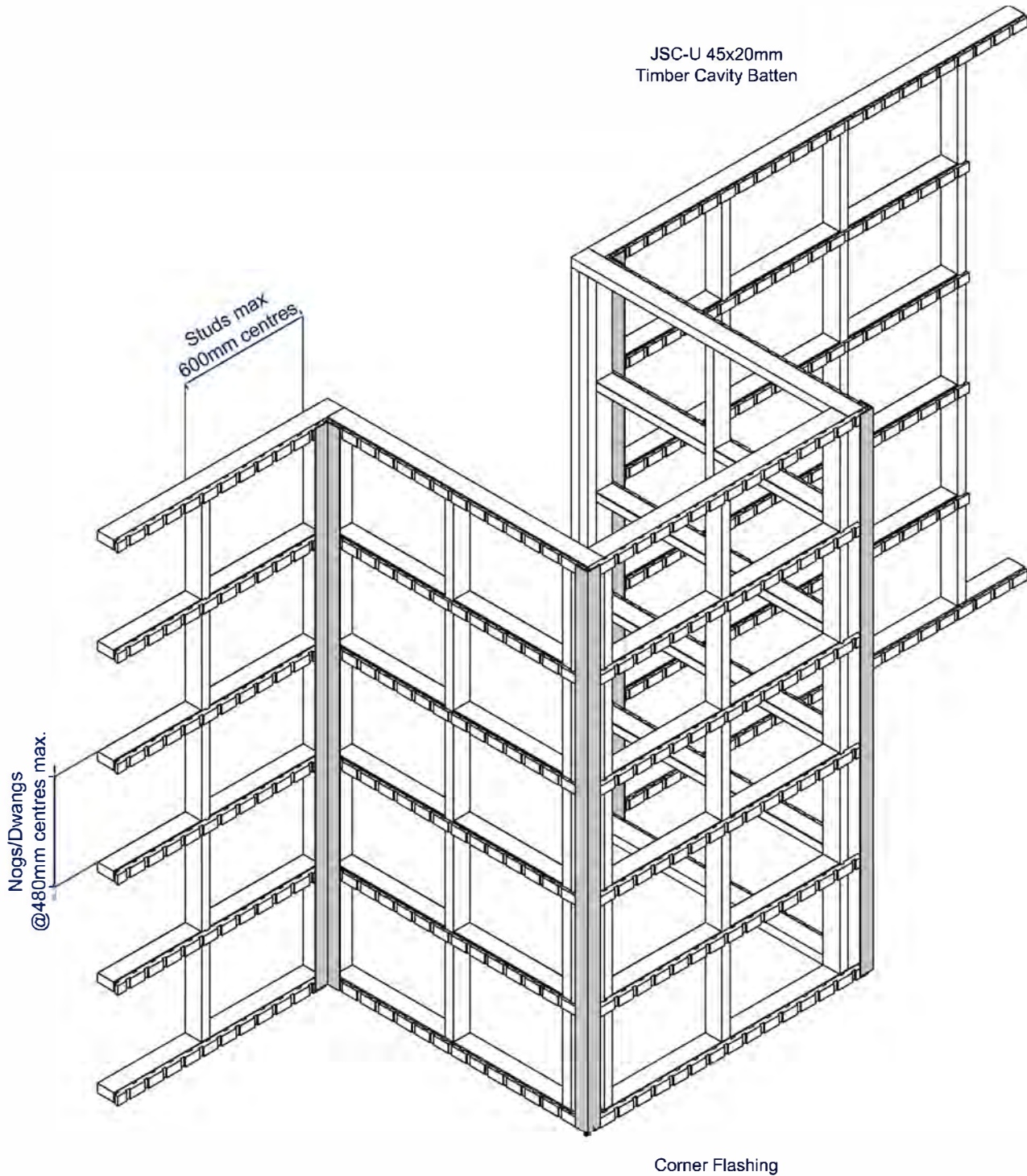
---

# Index

## Cavity Setout Guide Fixed Horizontally

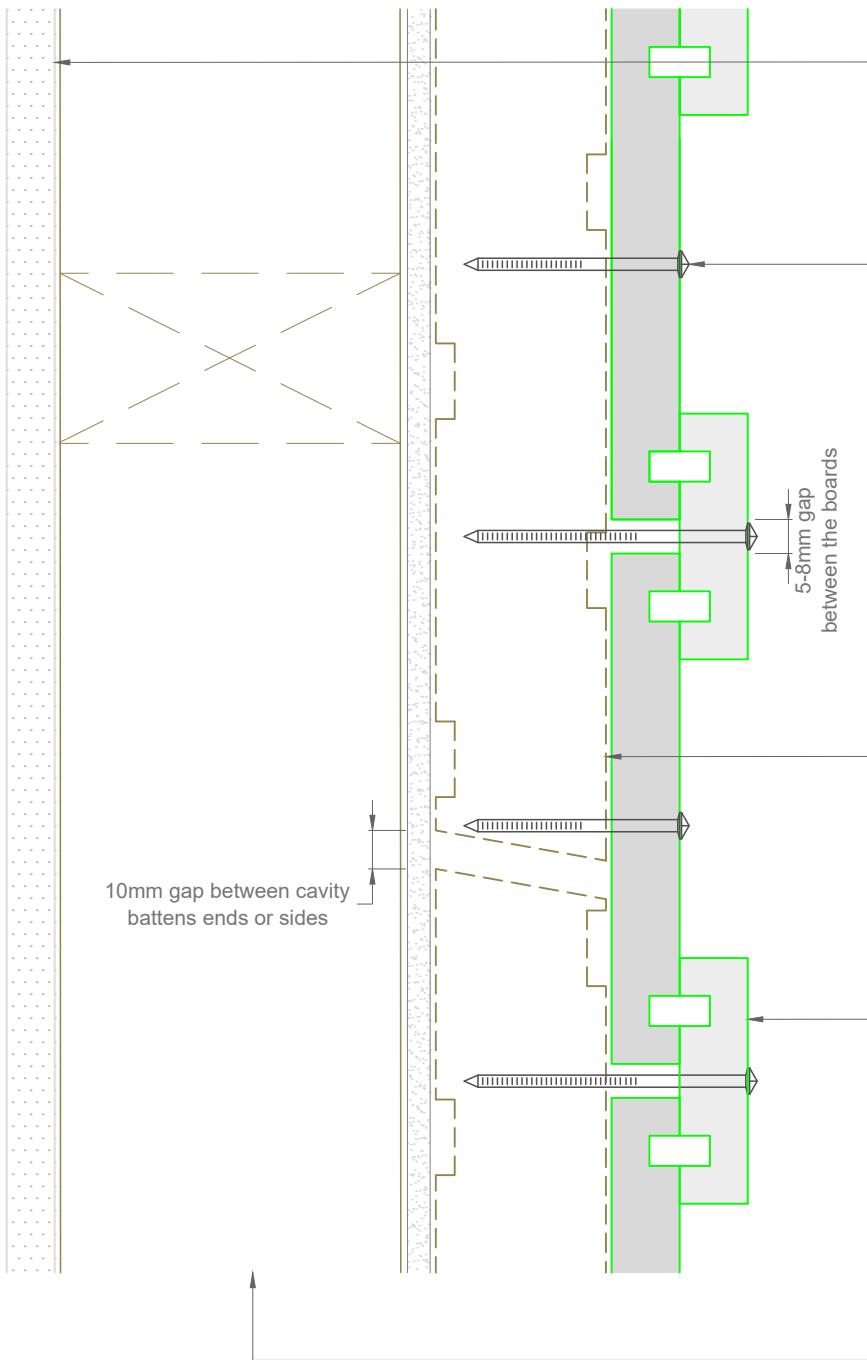
JVB-R45-SEC01	Sectional Detail – Plan View
JVB-R45-SEC02	Sectional Detail – Cross Section View
JVB-R45-01	Bottom Plate Detail
JVB-R45-01A	Bottom Plate on Timber Detail
JVB-R45-02	Top Plate Soffit Detail
JVB-R45-03	Raking Soffit Detail
JVB-R45-04	Bottom Plate Soffit Detail
JVB-R45-05	Inter Storey Junction Detail
JVB-R45-06	Parapet Detail
JVB-R45-10	Internal Corner Detail
JVB-R45-12	External Corner Box Detail
JVB-R45-20	Scarf Detail
JVB-R45-21	Pipe Penetration Detail
JVB-R45-25	Meterbox Head Detail
JVB-R45-26	Meterbox Jamb Detail
JVB-R45-27	Meterbox Sill Detail
JVB-R45-30	Window Head Detail
JVB-R45-31	Window Jamb Detail
JVB-R45-32	Window Sill Detail

## 20mm Cavity Batten Setout fixed Horizontally



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

# Plan View



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**

**Scale:** 1:2  
**Date:** 25/08/2023

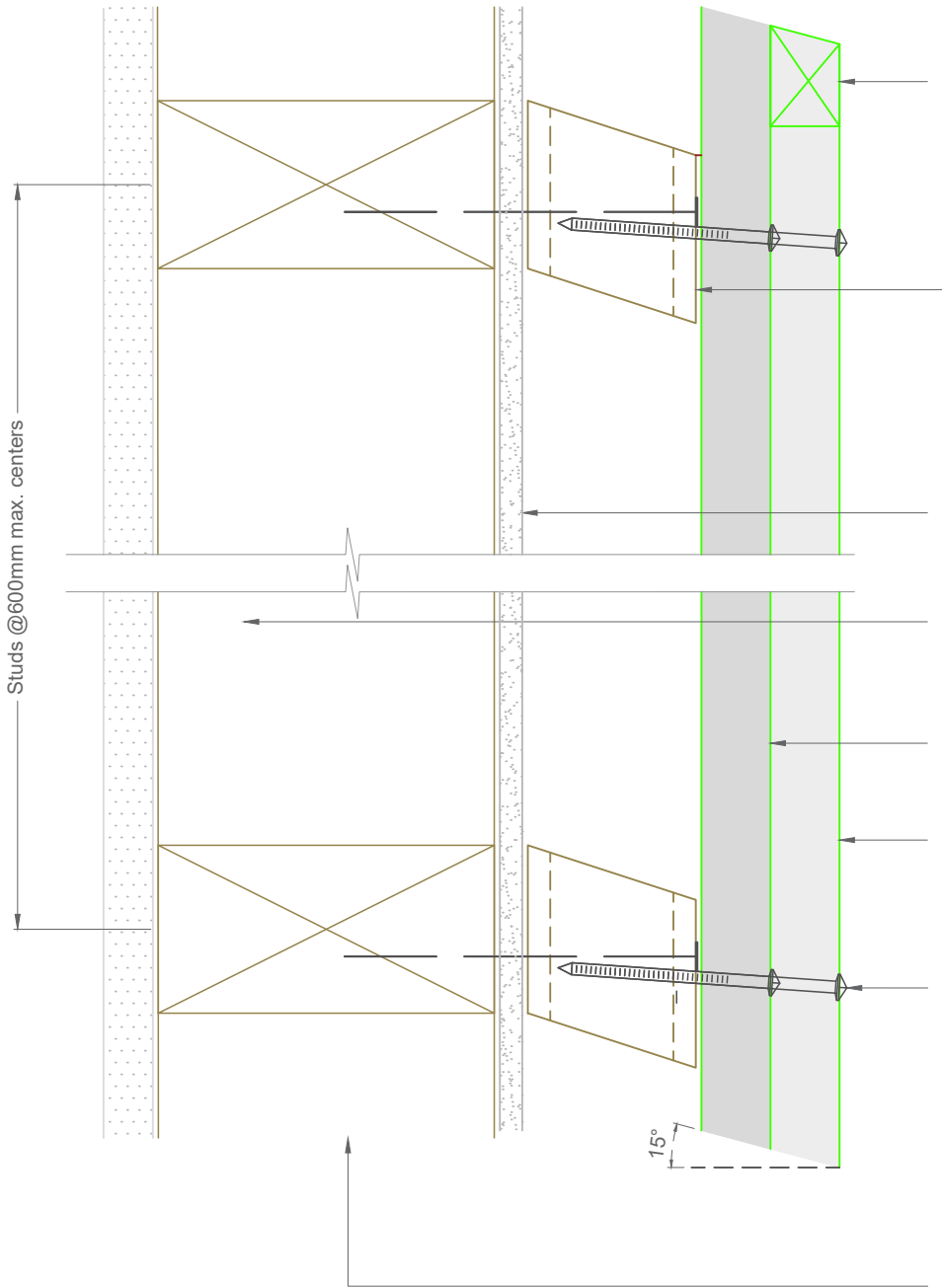
**Email:** TechHelp@jsctimber.co.nz

**Auckland**  
20 Sawmill Road  
Riverhead  
☎ 09 412 2800

**Christchurch**  
72 Hammersmith Drive  
Wigram  
☎ 03 348 9726

**Web:** www.jsctimber.co.nz

# 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 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

**JVB-R45-SEC02**

**Scale:** 1:2  
**Date:** 25/08/2023

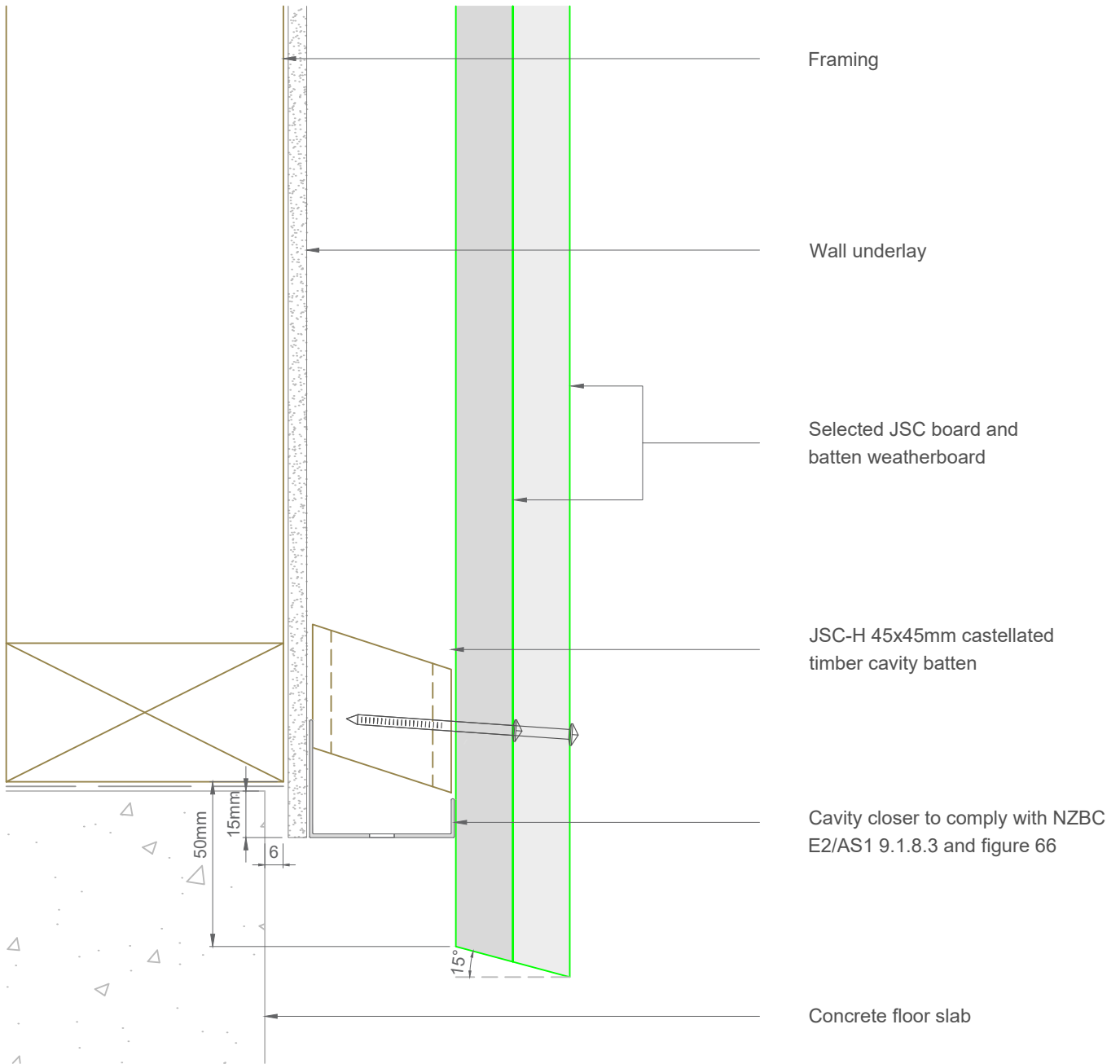
**Email:** TechHelp@jstimber.co.nz

**Auckland**  
20 Sawmill Road  
Riverhead  
☎ 09 412 2800

**Christchurch**  
72 Hammersmith Drive  
Wigram  
☎ 03 348 9726

**Web:** www.jstimber.co.nz





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

**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-R45-01**

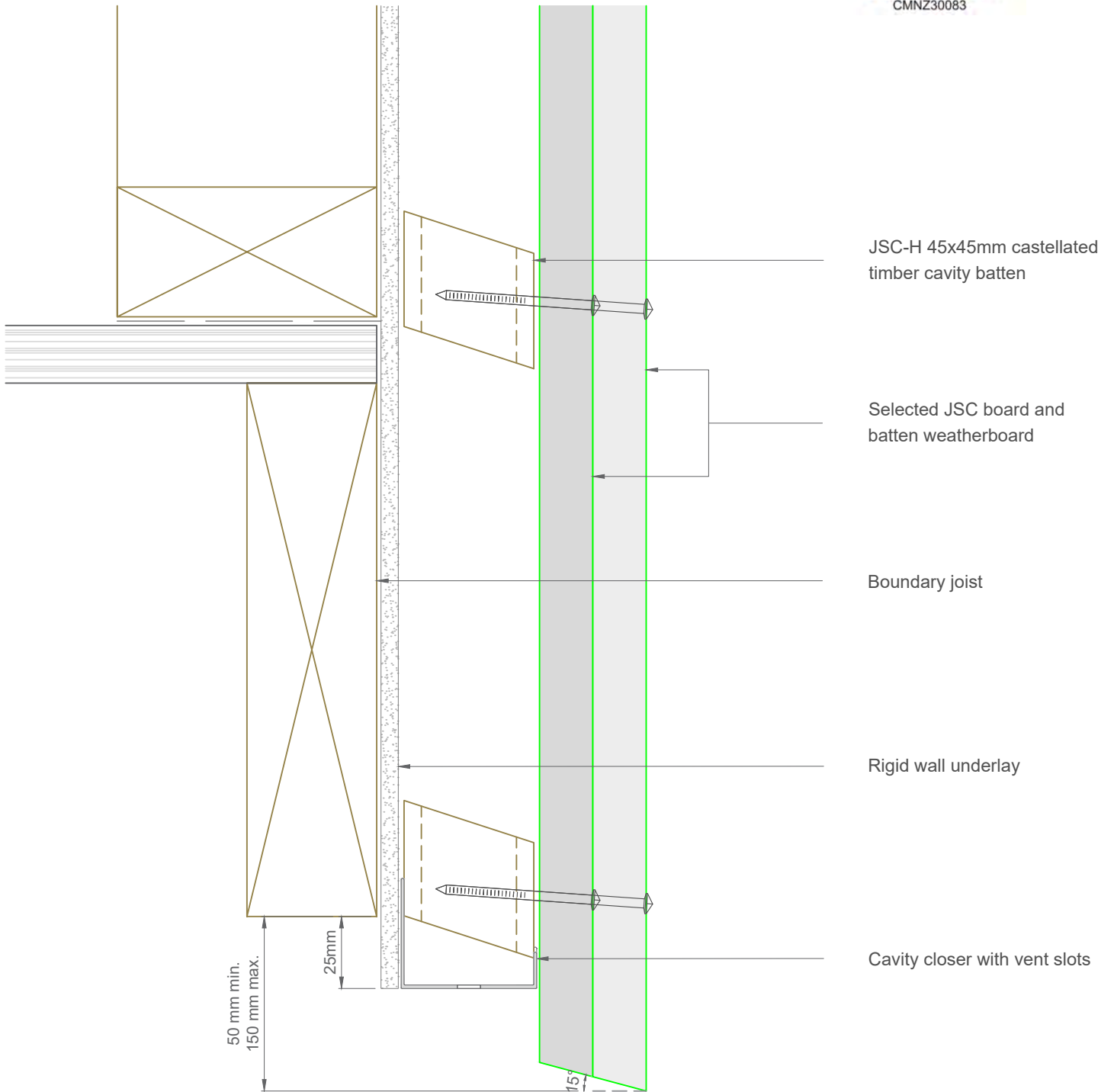
**Scale:** 1:2  
**Date:** 25/08/2023

**Email:** TechHelp@jsttimber.co.nz

**Auckland**  
20 Sawmill Road  
Riverhead  
☎ 09 412 2800

**Christchurch**  
72 Hammersmith Drive  
Wigram  
☎ 03 348 9726

**Web:** www.jsttimber.co.nz



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

**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-R45-01A**

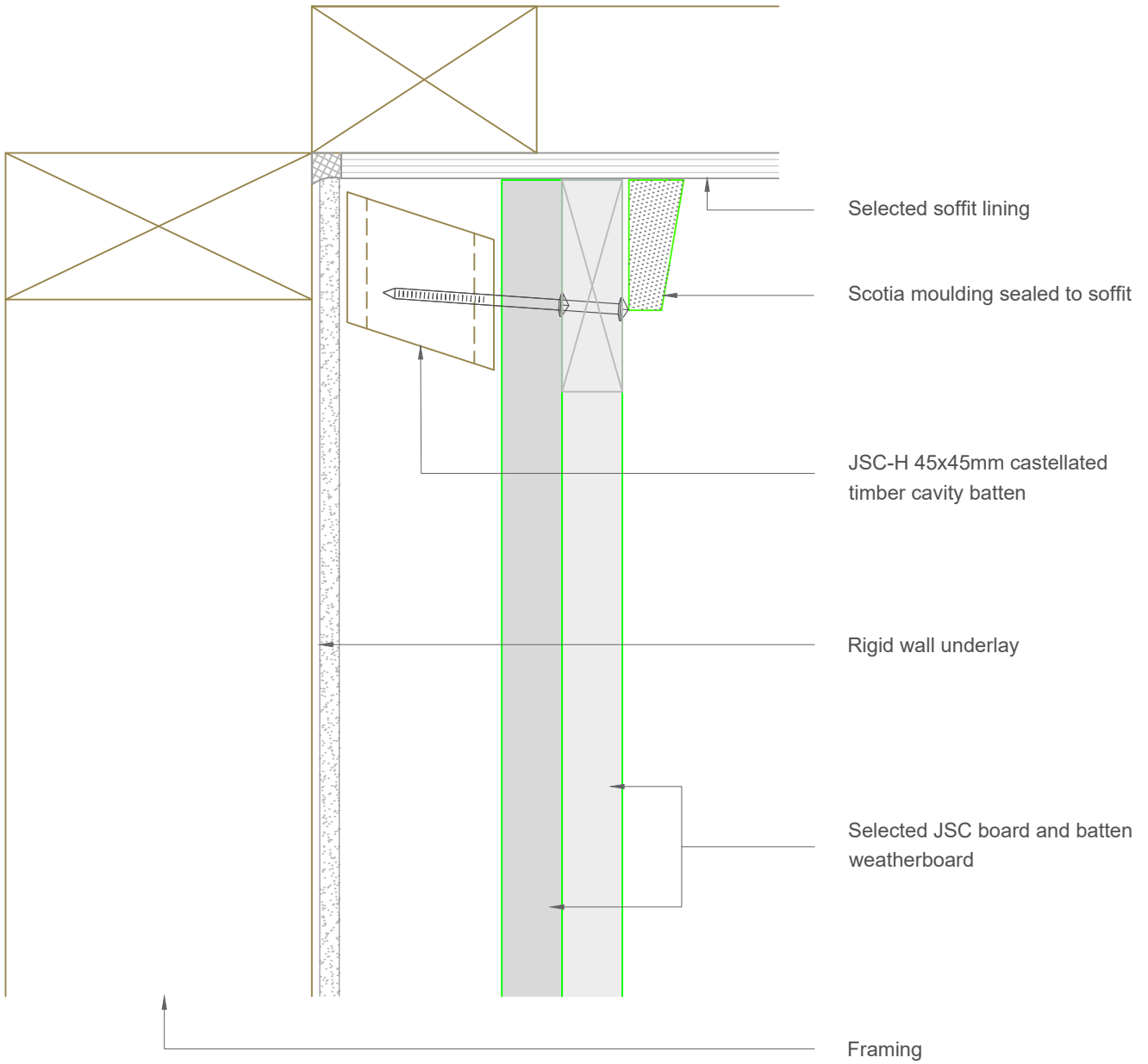
**Scale:** 1:2  
**Date:** 25/08/2023

**Email:** TechHelp@jstimber.co.nz

**Auckland**  
20 Sawmill Road  
Riverhead  
☎ 09 412 2800

**Christchurch**  
72 Hammersmith Drive  
Wigram  
☎ 03 348 9726

**Web:** www.jstimber.co.nz



**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-R45-02**

**Scale:** 1:2  
**Date:** 25/08/2023

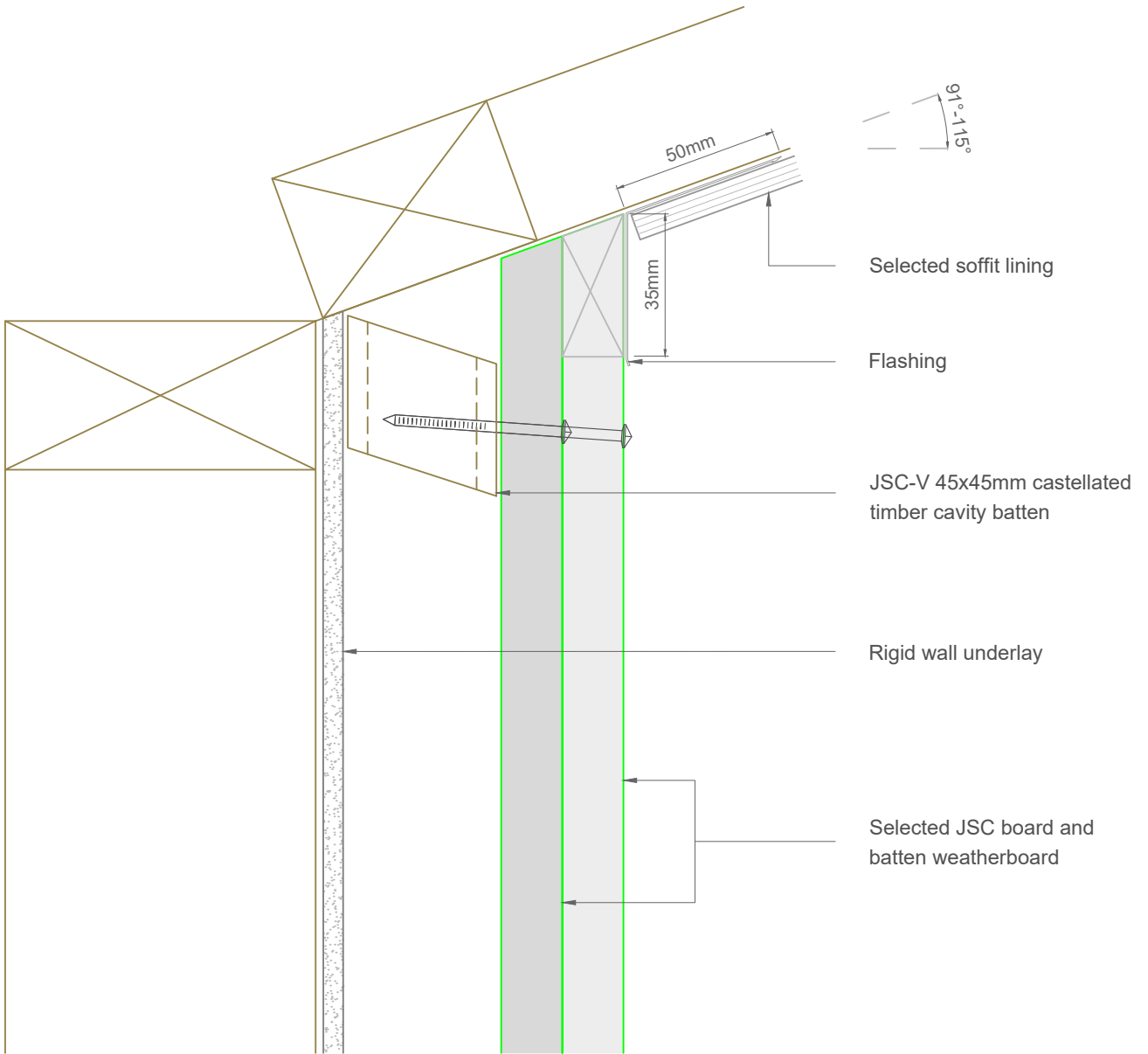
**Email:** TechHelp@jstimber.co.nz

**Auckland**  
20 Sawmill Road  
Riverhead  
☎ 09 412 2800

**Christchurch**  
72 Hammersmith Drive  
Wigram  
☎ 03 348 9726

**Web:** www.jstimber.co.nz





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

## Raking Soffit Detail - Rigid Underlay

**JVB-R45-03**

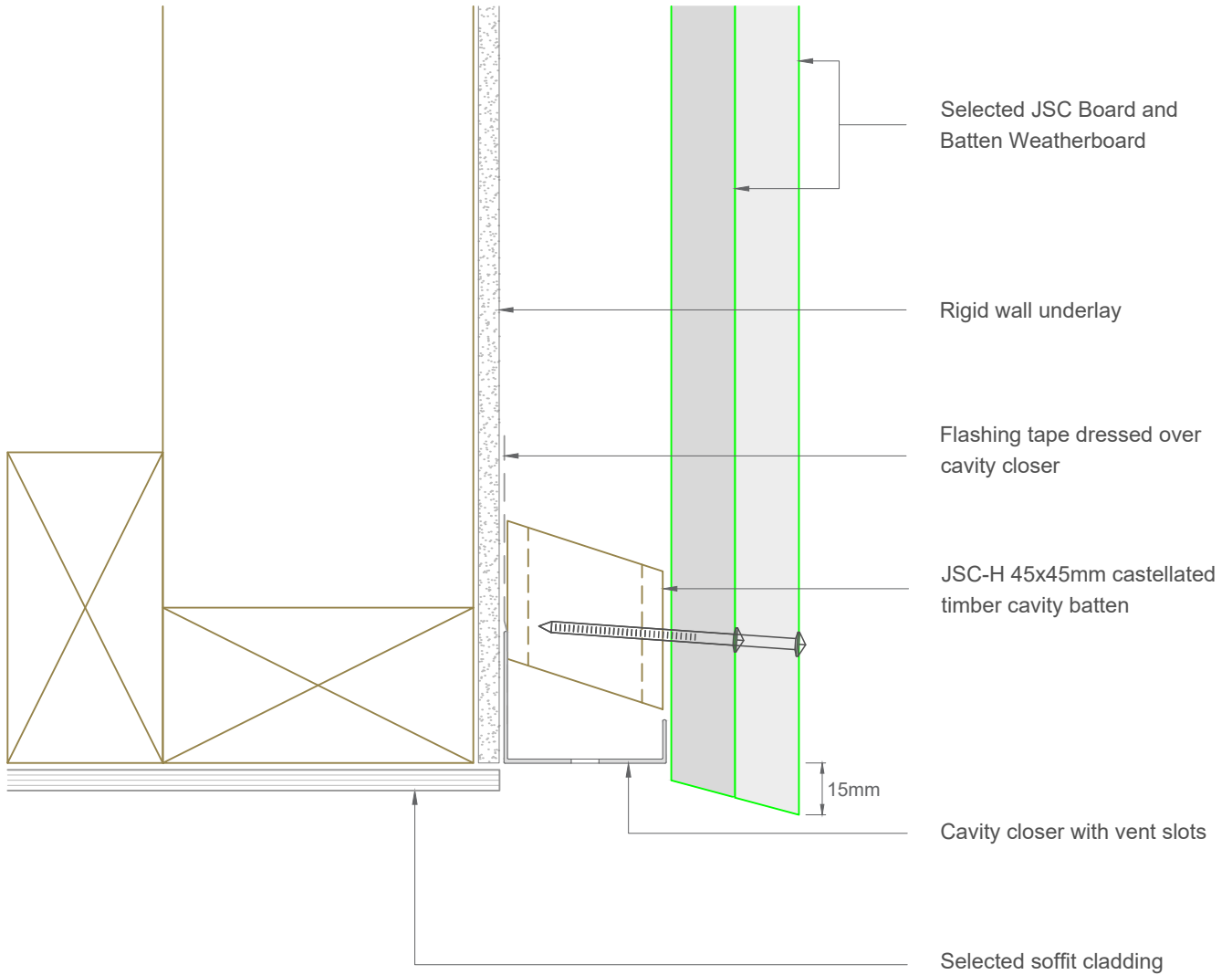
**Scale:** 1:2  
**Date:** 25/08/2023

**Email:** TechHelp@jstimber.co.nz

**Auckland**  
20 Sawmill Road  
Riverhead  
☎ 09 412 2800

**Christchurch**  
72 Hammersmith Drive  
Wigram  
☎ 03 348 9726

**Web:** www.jstimber.co.nz



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

**Bottom Plate Soffit Detail** - Rigid Underlay

**JVB-R45-04**

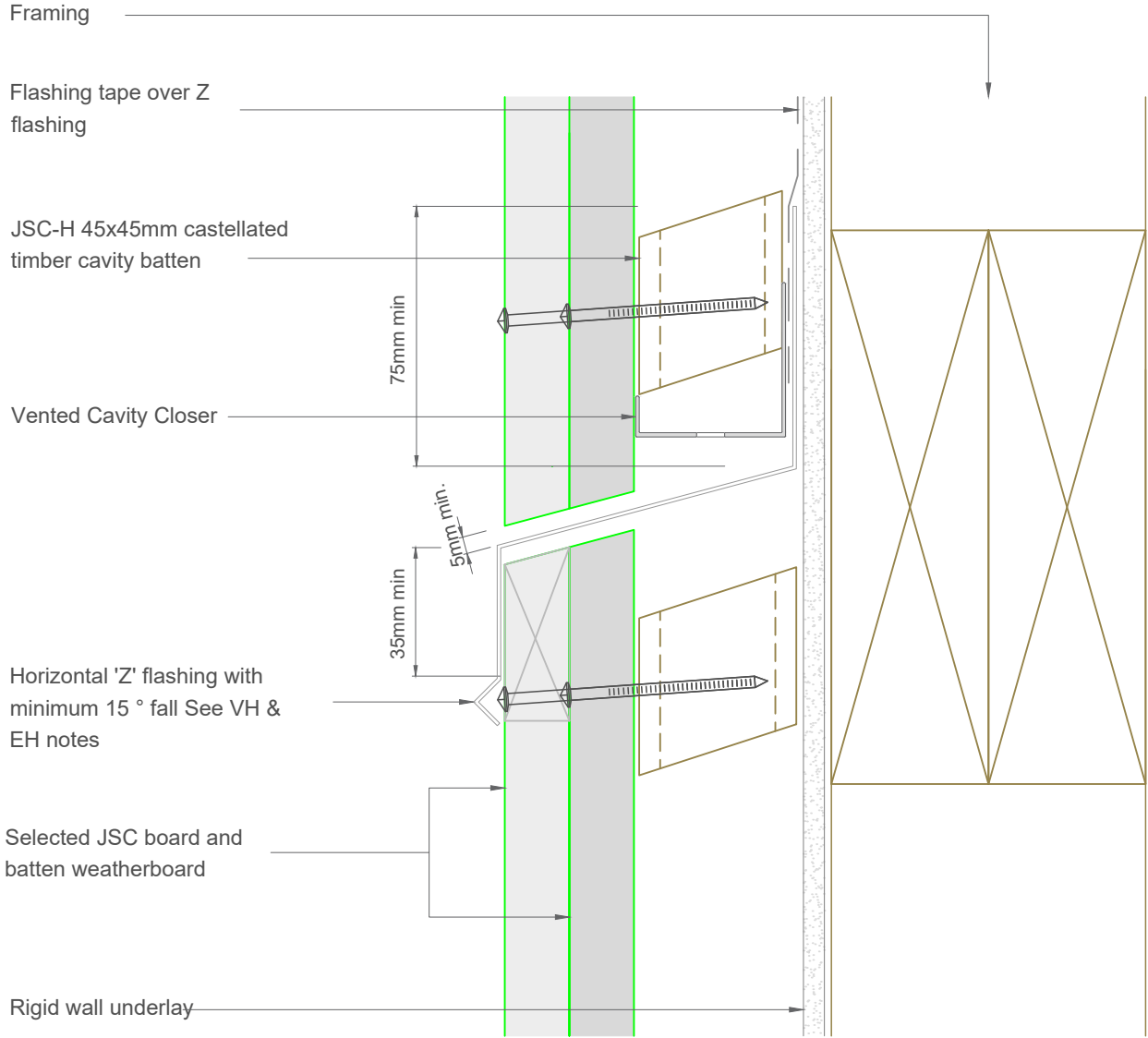
**Scale:** 1:2  
**Date:** 25/08/2023

**Email:** TechHelp@jsctimber.co.nz

**Auckland**  
20 Sawmill Road  
Riverhead  
☎ 09 412 2800

**Christchurch**  
72 Hammersmith Drive  
Wigram  
☎ 03 348 9726

**Web:** www.jsctimber.co.nz



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

## Inter Storey Junction Detail - Rigid Underlay

**JVB-R45-05**

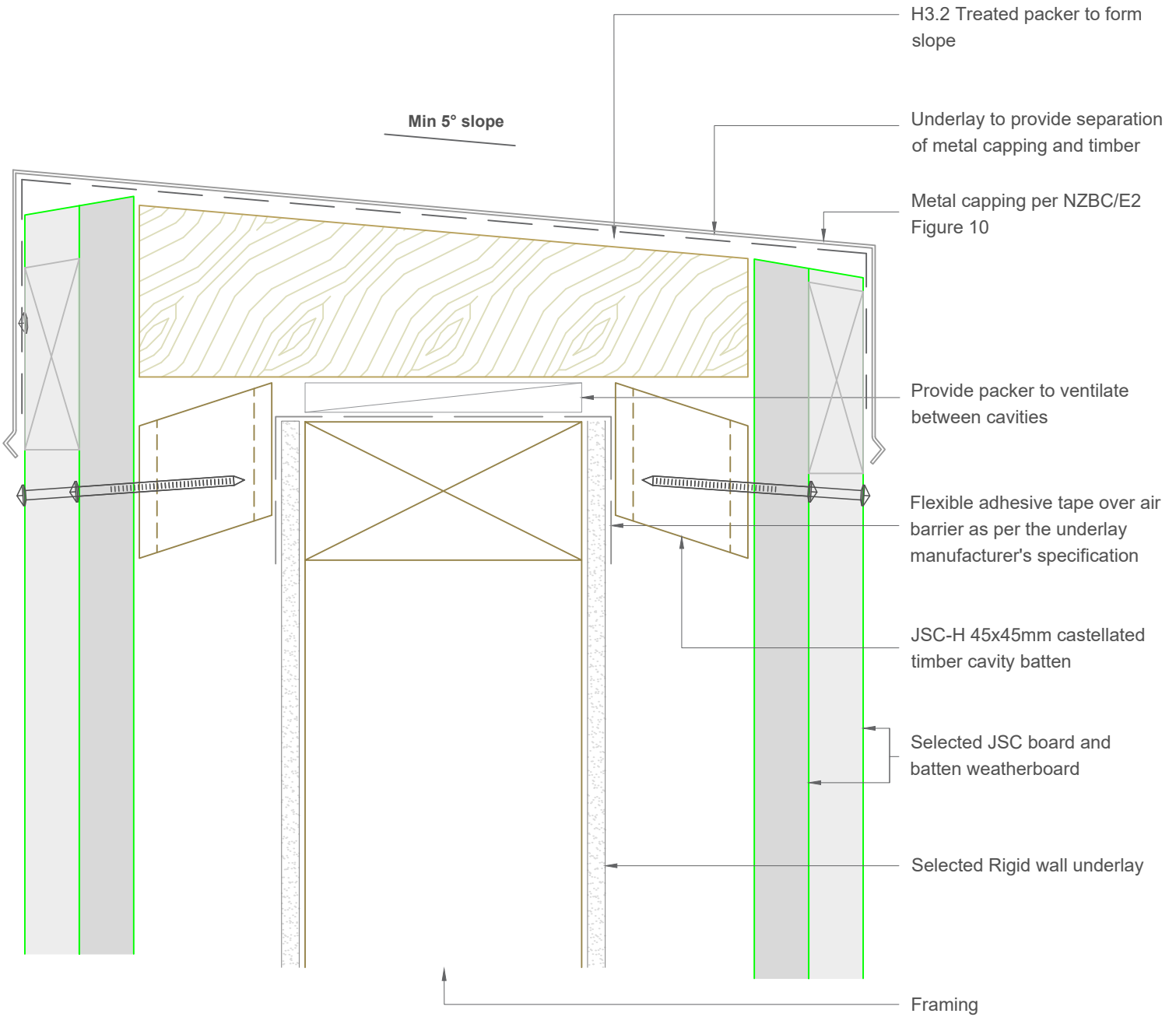
**Scale:** 1:2  
**Date:** 25/08/2023

**Email:** TechHelp@jsttimber.co.nz

**Auckland**  
20 Sawmill Road  
Riverhead  
☎ 09 412 2800

**Christchurch**  
72 Hammersmith Drive  
Wigram  
☎ 03 348 9726

**Web:** www.jsttimber.co.nz



Note:- Parapet Design & installation should comply to NZBC/E2 Section 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-R45-06**

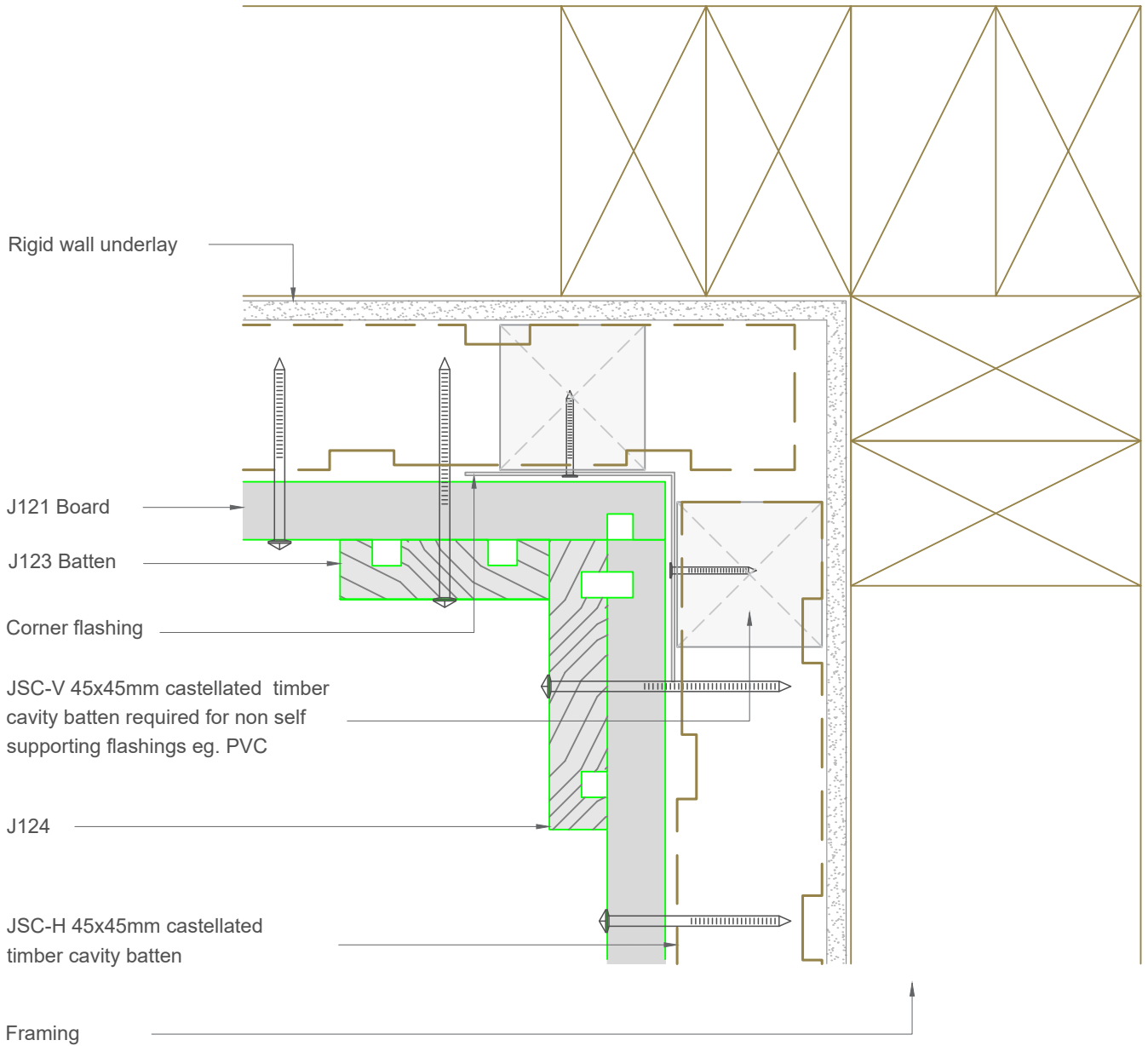
**Scale:** 1:2  
**Date:** 25/08/2023

**Email:** TechHelp@jstimber.co.nz

**Auckland**  
20 Sawmill Road  
Riverhead  
☎ 09 412 2800

**Christchurch**  
72 Hammersmith Drive  
Wigram  
☎ 03 348 9726

**Web:** www.jstimber.co.nz



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

## Internal Corner Detail - Rigid Underlay

**JVB-R45-10**

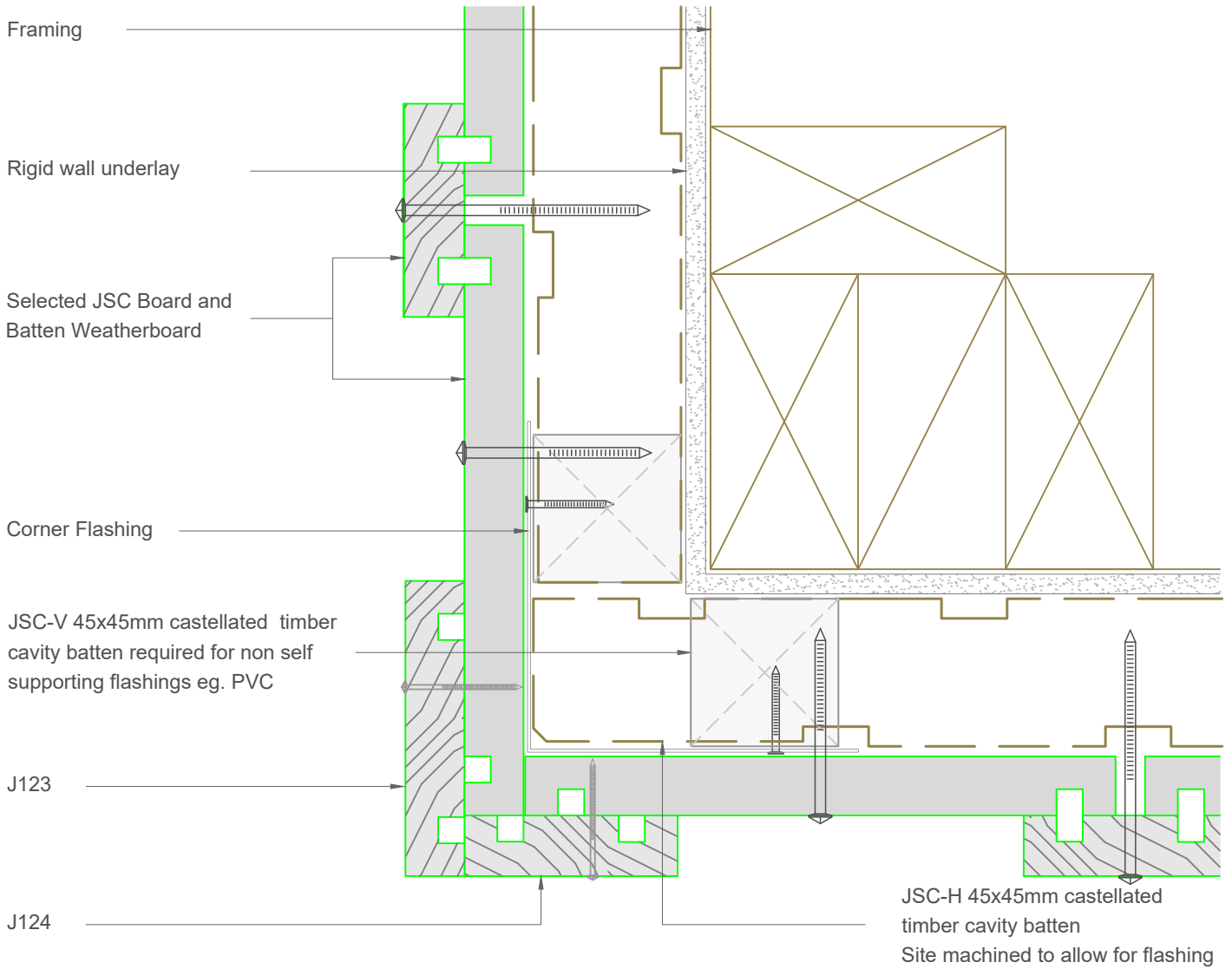
**Scale:** 1:2  
**Date:** 25/08/2023

**Email:** TechHelp@jstimber.co.nz

**Auckland**  
20 Sawmill Road  
Riverhead  
☎ 09 412 2800

**Christchurch**  
72 Hammersmith Drive  
Wigram  
☎ 03 348 9726

**Web:** www.jstimber.co.nz



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

**External Corner Detail - Rigid Underlay**

**JVB-R45-12**

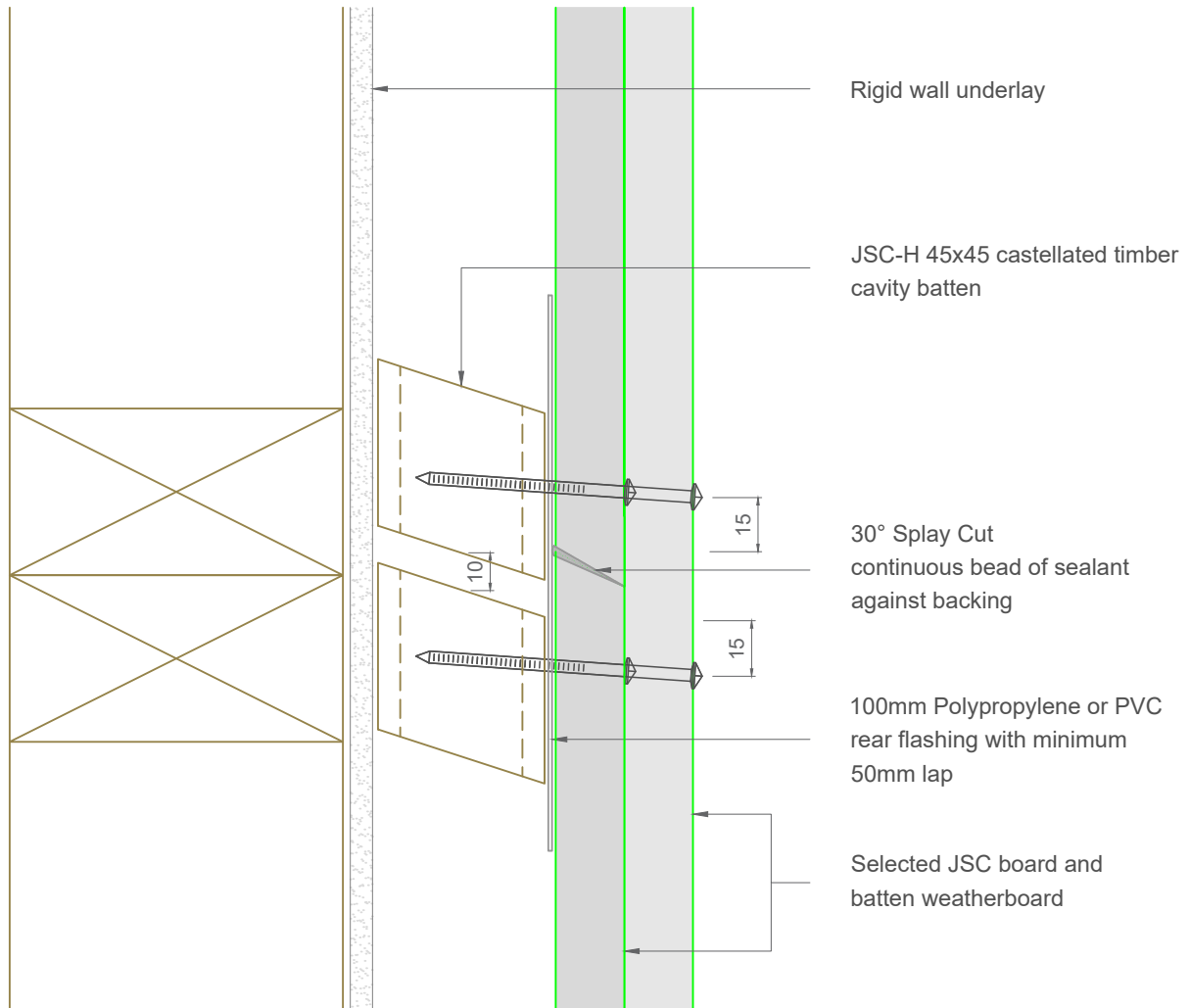
**Scale:** 1:2  
**Date:** 25/08/2023

**Email:** TechHelp@jstimber.co.nz

**Auckland**  
20 Sawmill Road  
Riverhead  
☎ 09 412 2800

**Christchurch**  
72 Hammersmith Drive  
Wigram  
☎ 03 348 9726

**Web:** www.jstimber.co.nz



**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-R45-20**

**Scale:** 1:2  
**Date:** 25/08/2023

**Email:** TechHelp@jstimber.co.nz

**Auckland**  
20 Sawmill Road  
Riverhead  
☎ 09 412 2800

**Christchurch**  
72 Hammersmith Drive  
Wigram  
☎ 03 348 9726

**Web:** www.jstimber.co.nz

Support Pipe with a nog under  
& a screw fixed strap over

Interior wall lining

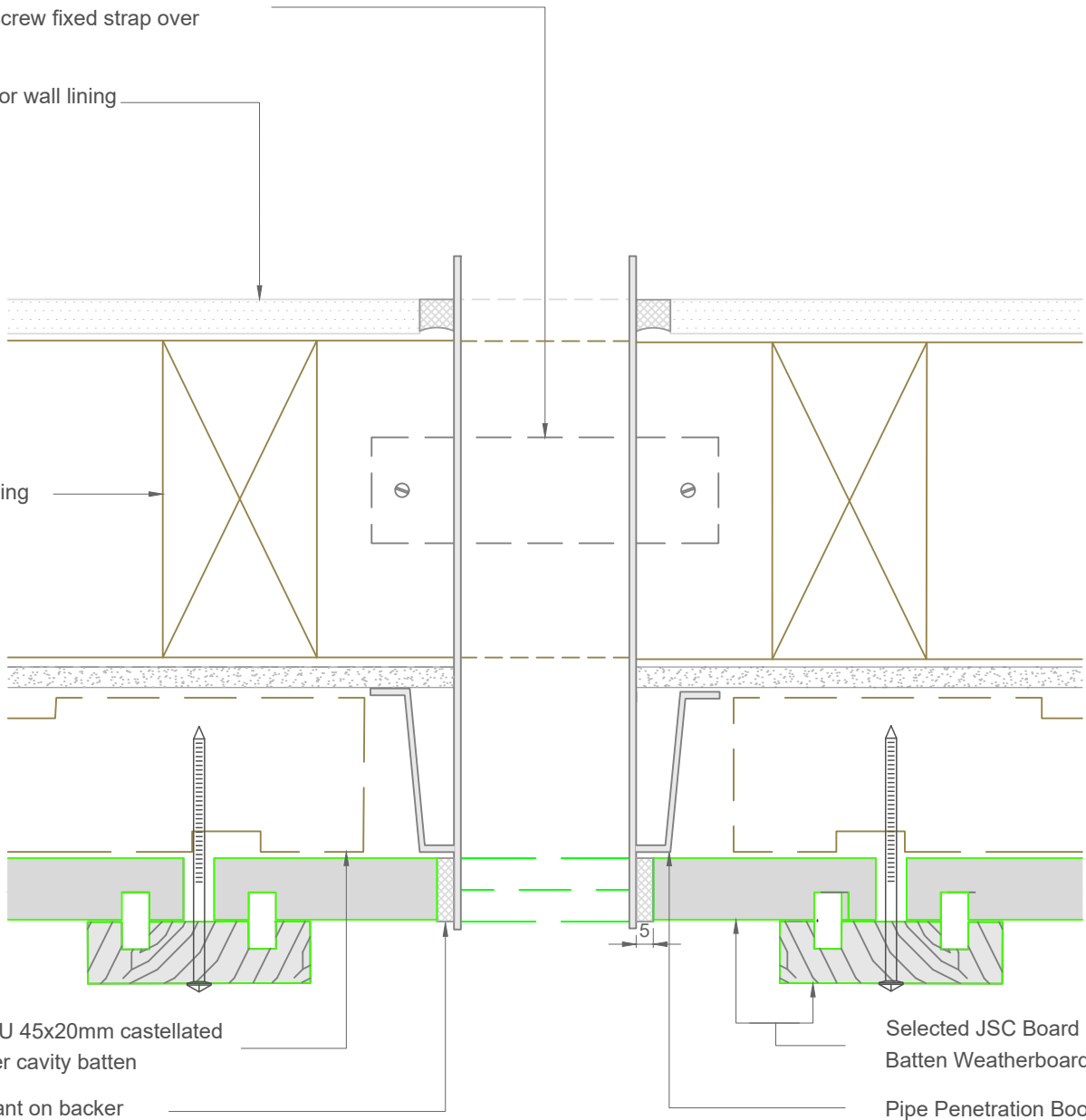
Framing

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**

**Scale:** 1:2  
**Date:** 25/08/2023

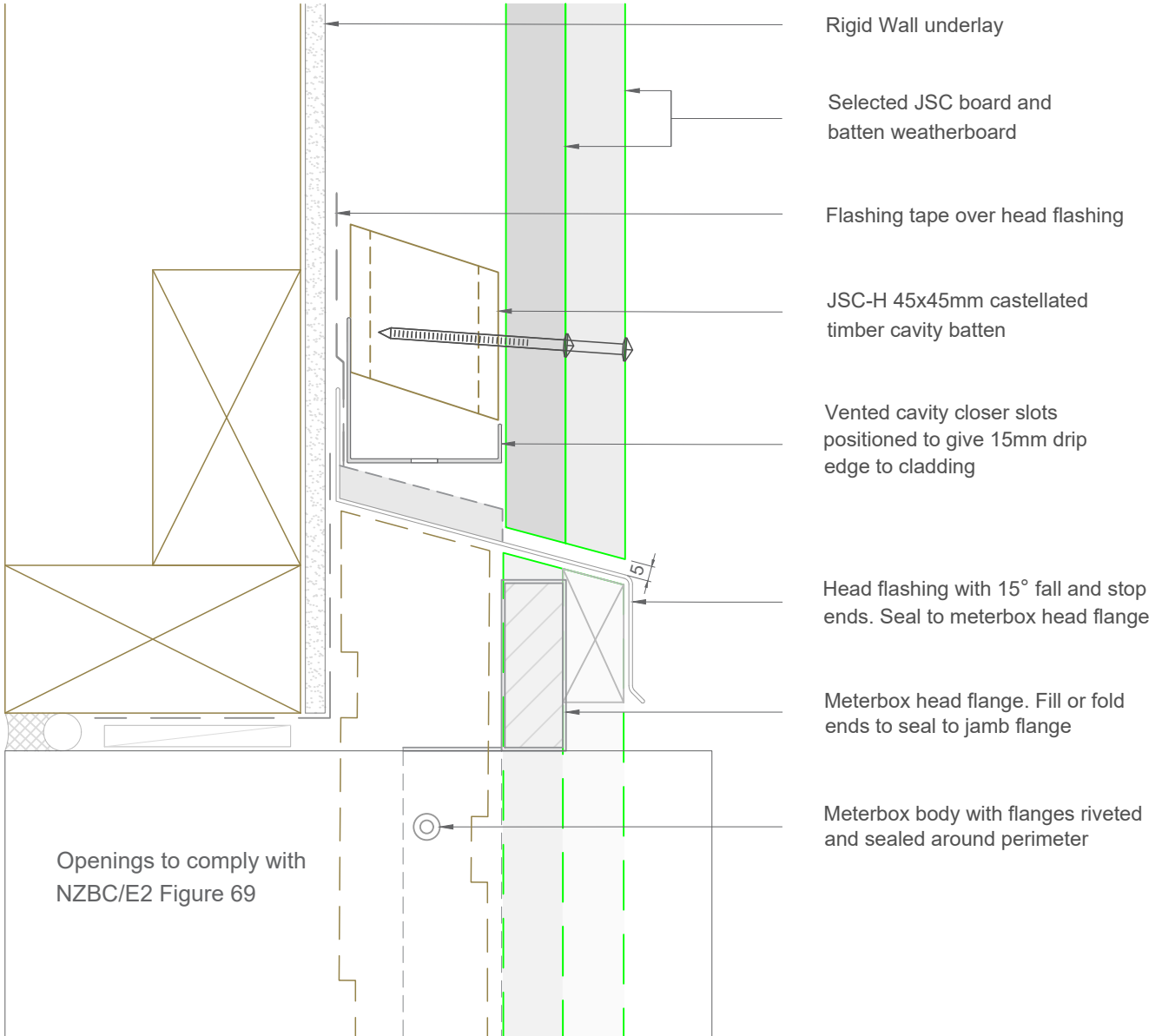
**Email:** TechHelp@jsttimber.co.nz

**Auckland**  
20 Sawmill Road  
Riverhead  
☎ 09 412 2800

**Christchurch**  
72 Hammersmith Drive  
Wigram  
☎ 03 348 9726

**Web:** www.jsttimber.co.nz





**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-R45-25**

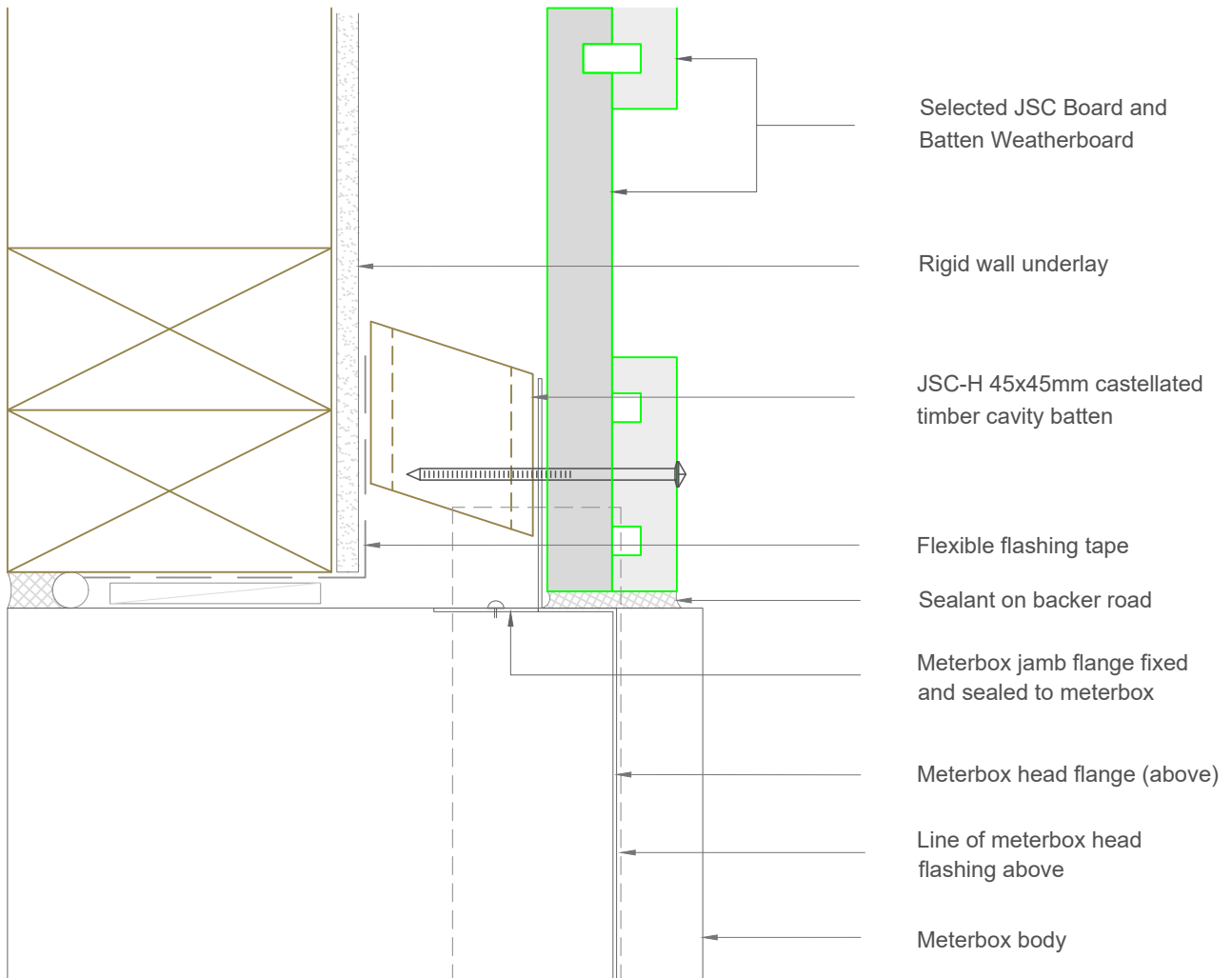
**Scale:** 1:2  
**Date:** 25/08/2023

**Email:** TechHelp@jstimber.co.nz

**Auckland**  
20 Sawmill Road  
Riverhead  
☎ 09 412 2800

**Christchurch**  
72 Hammersmith Drive  
Wigram  
☎ 03 348 9726

**Web:** www.jstimber.co.nz



**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-R45-26**

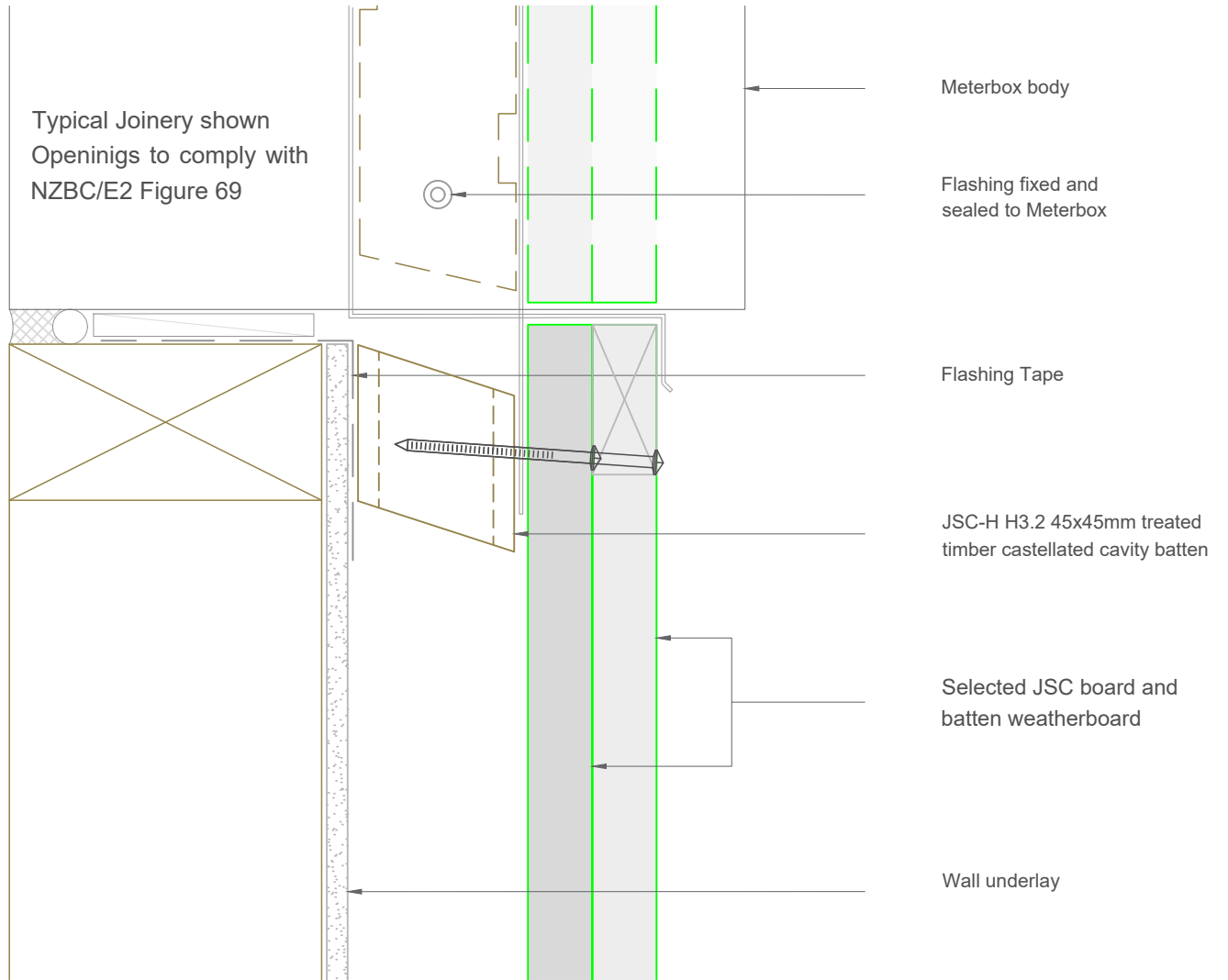
**Scale:** 1:2  
**Date:** 25/08/2023

**Email:** TechHelp@jstimber.co.nz

**Auckland**  
20 Sawmill Road  
Riverhead  
☎ 09 412 2800

**Christchurch**  
72 Hammersmith Drive  
Wigram  
☎ 03 348 9726

**Web:** www.jstimber.co.nz



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

## Meterbox Sill Detail - Rigid Underlay

**JVB-R45-27**

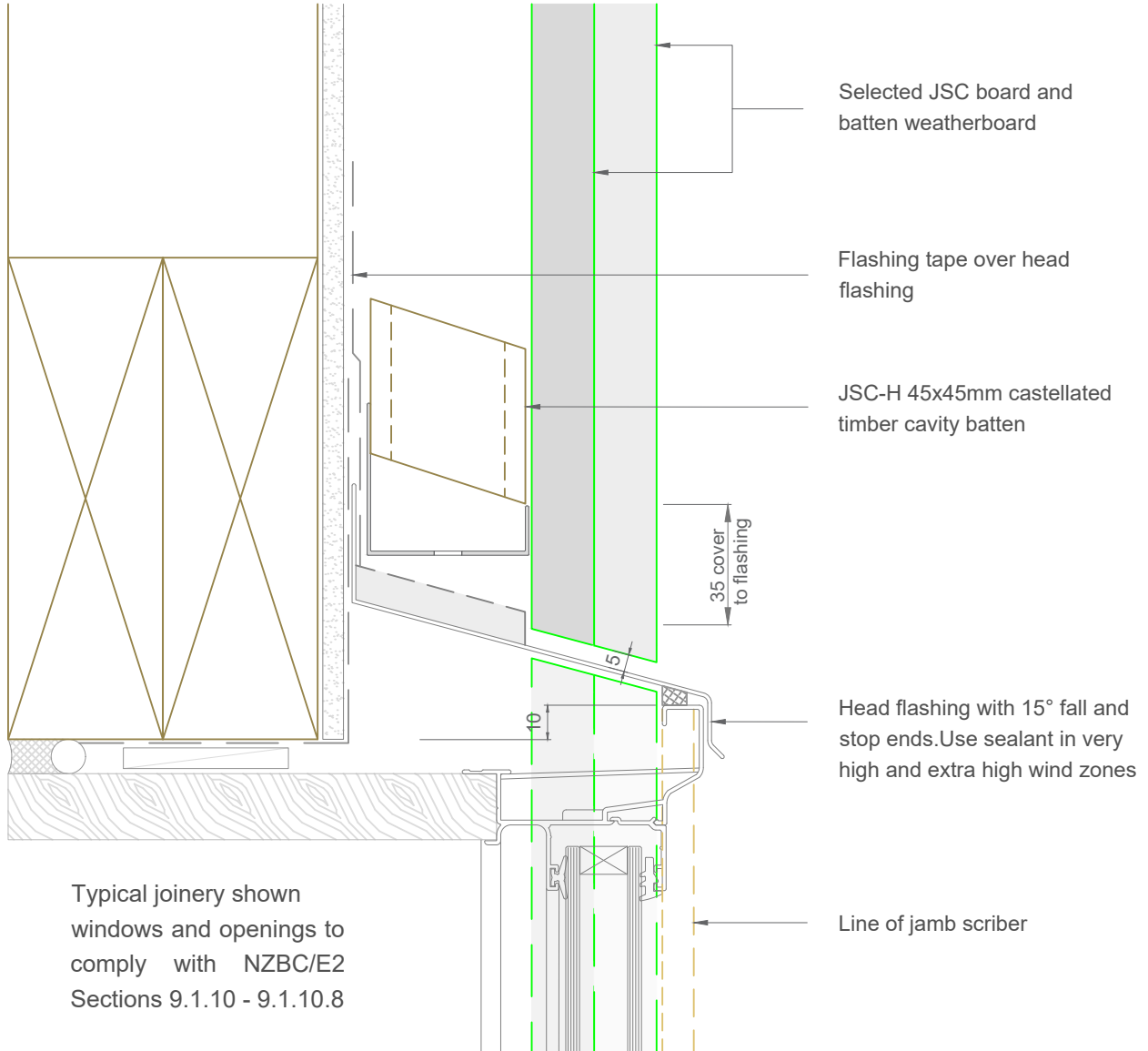
**Scale:** 1:2  
**Date:** 25/08/2023

**Email:** TechHelp@jstimber.co.nz

**Auckland**  
20 Sawmill Road  
Riverhead  
☎ 09 412 2800

**Christchurch**  
72 Hammersmith Drive  
Wigram  
☎ 03 348 9726

**Web:** www.jstimber.co.nz



**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-R45-30**

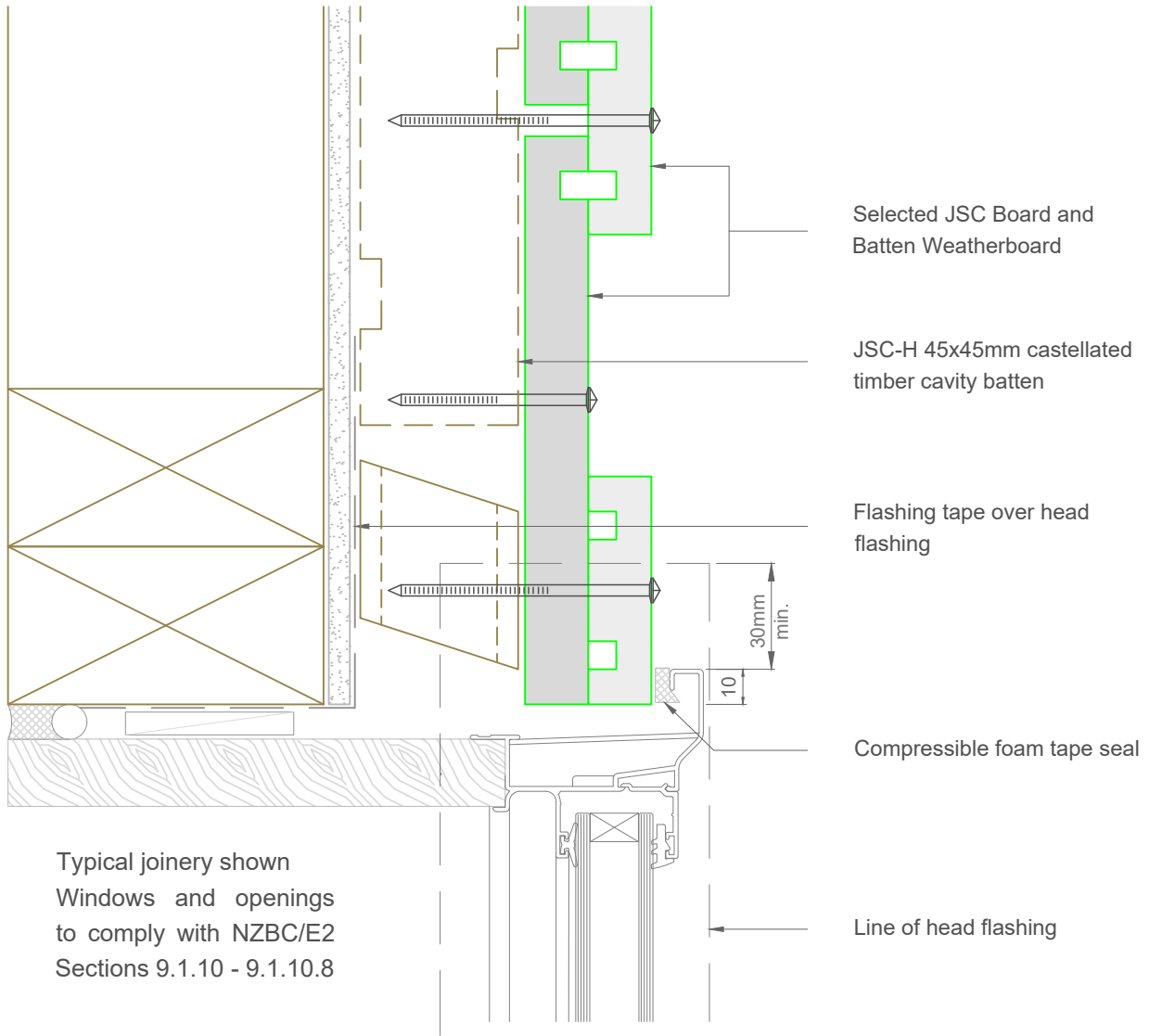
**Scale:** 1:2  
**Date:** 25/08/2023

**Email:** TechHelp@jstimber.co.nz

**Auckland**  
20 Sawmill Road  
Riverhead  
☎ 09 412 2800

**Christchurch**  
72 Hammersmith Drive  
Wigram  
☎ 03 348 9726

**Web:** www.jstimber.co.nz



**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-R45-31**

**Scale:** 1:2  
**Date:** 25/08/2023

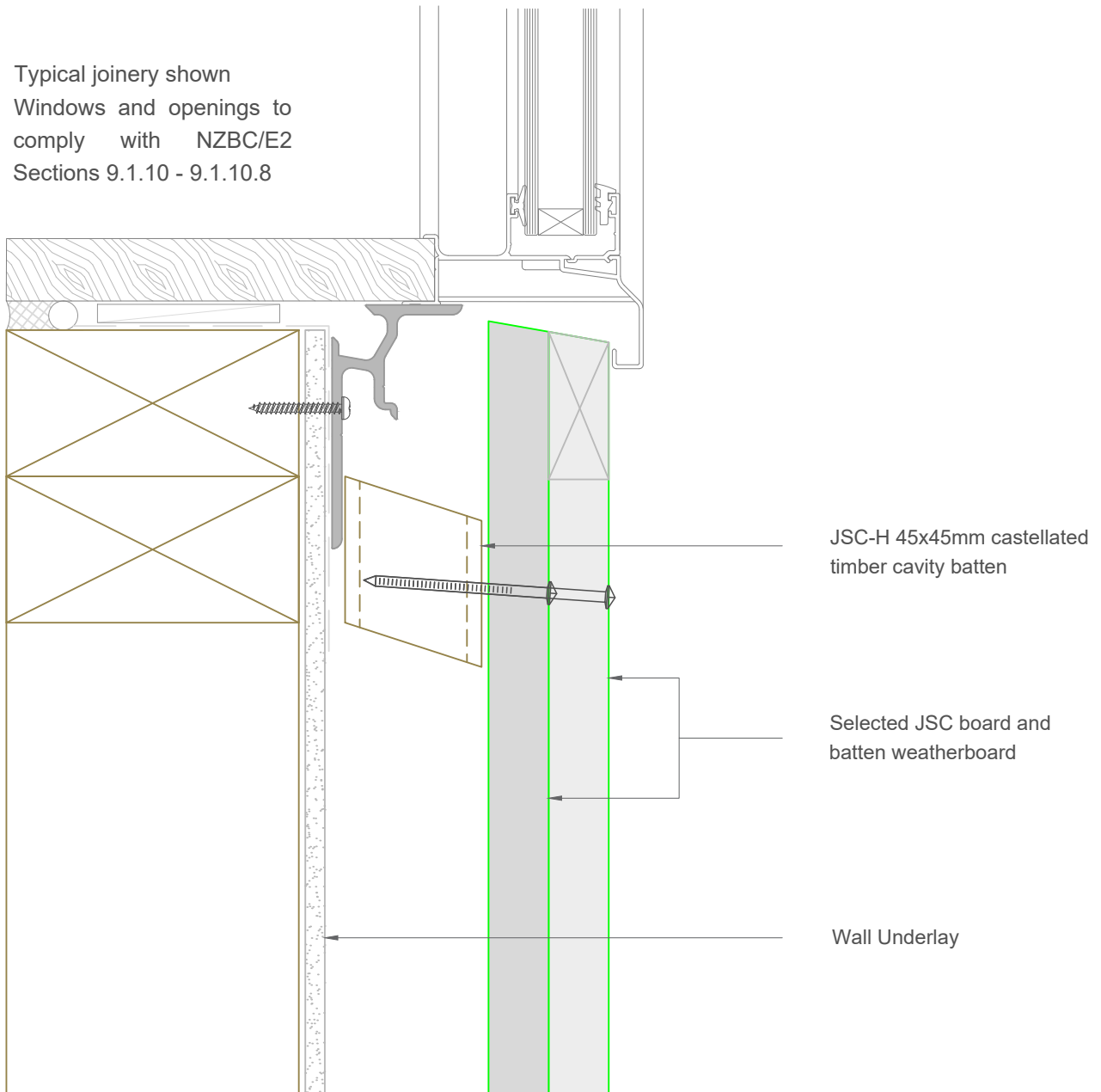
**Email:** TechHelp@jstimber.co.nz

**Auckland**  
20 Sawmill Road  
Riverhead  
☎ 09 412 2800

**Christchurch**  
72 Hammersmith Drive  
Wigram  
☎ 03 348 9726

**Web:** www.jstimber.co.nz

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



**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-R45-33**

**Scale:** 1:2  
**Date:** 25/08/2023

**Email:** TechHelp@jstimber.co.nz

**Auckland**  
20 Sawmill Road  
Riverhead  
☎ 09 412 2800

**Christchurch**  
72 Hammersmith Drive  
Wigram  
☎ 03 348 9726

**Web:** www.jstimber.co.nz