

# ARCHITECTURAL DRAWINGS

ISSUE : 24/02/2025 | VERSION : 2.5

## GENERAL NOTES

### OVERVIEW :

JSC Board & Batten is a cavity based external wall cladding system comprising of:

- Timber weatherboards finished with high quality exterior grade coatings
- H3.2 treated timber castellated cavity battens
- Fascia boards and moulding profiles

This documentation covers the fixing instructions for the installation of JSC Board & Batten weatherboards over JSC-U 20mm thick non-structural castellated cavity battens.

The information in this document has been specifically grouped in 2 different layouts to help Architects, Designers & Builders on site.

- A3/A1 ARCHITECTURAL DRAWINGS:**  
Similar details are grouped in A1/A3 drawing set, making it easier to import details into the project plans.
- A4 SITE DRAWINGS**  
Same information is made available on a A4 page at a larger scale for builders making it easier to read and distribute the drawings on site.

### SCOPE OF USE

- This document is for use exclusively within the scope of JSC Board & Batten Weatherboard Cladding System technical documentation and Code Compliance CodeMark certificate CMNZ 30083.
- Details are subject to change without notification and only the current version is compliant.
- Refer to [www.jsc.co.nz](http://www.jsc.co.nz) at the time of use for the current documentation.
- The designer/specifier must be satisfied that these details are applicable for their intended use.

### FIXING SPECIFICATION

SPECIES	FIXINGS MATERIAL
Western Red Cedar	316 Stainless Steel or Silicon Bronze annular grooved nails
Alaskan Yellow Cedar	316 Stainless Steel or Silicon Bronze annular grooved nails
Iroko	316 Stainless Steel or Silicon Bronze annular grooved nails
Radiata Pine	316 Stainless Steel or Silicon Bronze annular grooved nails
JSC-TMT Thermally Modified Timber	
TMT TAIGA® (RW/WW)	316 Stainless Steel or Silicon Bronze annular grooved nails
TMT TAXON	316 Stainless Steel or Silicon Bronze annular grooved nails
TMT TUSCAN	316 Stainless Steel or Silicon Bronze annular grooved nails
TMT AMBA	316 Stainless Steel or Silicon Bronze annular grooved nails

Notes:

- For the use of any alternative nail or screw of equivalent properties refer to E2/AS1 Table 24 and to E2/AS1 Table 20 for alternative material selection.
- JSC recommends nail materials as per Table 1 - Nail Fixings, as they will at least match the expected life of the cladding. E2/AS1 allows the use of galvanised fixings, although JSC does not endorse their use.
- Jolt head nails are not suitable for JSC TMT Thermally Modified Species
- For buildings located in exposure 'Zone D', 316 stainless steel fixings must be used as per NZS 3604.

## A3/A1 ARCHITECTURAL DRAWINGS INDEX

Sheet Number	Sheet Title
JSC 20CF BB00	COVER SHEET - JSC BOARD & BATTEN CLADDING
JSC 20CF BB15	WINDOW DETAILS - Aluminium Joinery
	BB10 - Window Head Detail - Aluminium Joinery
	BB11 - Window Sill Detail - Aluminium Joinery
	BB12 - Window Jamb Detail - Aluminium Joinery
	BB13 - Window Flashing Details - Aluminium Joinery
JSC 20CF BB25	DOOR DETAILS - Head, Sill & Jamb - Aluminium Joinery
	BB20 - Door Head Detail - Aluminium Joinery
	BB21 - Door Sill Detail - Aluminium Joinery
	BB22 - Door Jamb Detail - Aluminium Joinery
	BB23 - Door Flashing Detail - Aluminium Joinery
JSC 20CF BB35	METER BOX DETAILS - Head, Sill & Jamb
	BB30 - Meter Box Head Detail
	BB31 - Meter Box Sill Detail
	BB32 - Meter Box Jamb Detail
	BB33 - Meter Box Flashing Detail
JSC 20CF BB46	GENERAL DETAILS 01 - Weatherboard Fixing
	BB40 - Weatherboard Fixing Detail
	BB41 - Weatherboard Scarf Joint
	BB42 - Base of Wall, Timber
	BB43 - Base of Wall, Timber
	BB44 - Pipe Penetration
	BB45 - 3D- Pipe Penetration
JSC 20CF BB66	GENERAL DETAILS 02 - Corners
	BB60 - Internal Corner
	BB61 - 3D - Internal Corner
	BB62 - External Corner
	BB63 - 3D - External Corner
JSC 20CF BB76	GENERAL DETAILS 04 - Parapet Saddle Flashing
	BB70 - Base of Wall, Membrane Roof
	BB71 - Parapet Saddle Flashing - STAGE ONE
	BB72 - Parapet Saddle Flashing - STAGE TWO
	BB73 - Parapet Saddle Flashing - STAGE THREE
	BB74 - Parapet Detail
	BB75 - Parapet Section to Membrane Roof
JSC 20CF BB86	GENERAL DETAILS 05
	BB80 - Drained Inter Storey Joint
	BB81 - Apron Flashing Roof To Wall Junction
	BB82 - Soffit Detail at Wall
	BB83 - Soffit Detail at Fascia
	BB84 - Raking Soffit Detail at Wall
	BB85 - Gable Soffit Detail at Wall
JSC 20CF BB96	GENERAL DETAILS 06
	BB90 - Apron Flashing Gutter to Wall

## JSC BOARD & BATTEN Weatherboards

### Flexible Underlay 20mm Cavity Fix



Photo: The Great Glenorchy Alpine Base Camp | RTA Studios  
Photographer: Patrick Reynolds

TYPE

BOARD & BATTEN WB - 20MM CAVITY FIX FLEXIBLE UNDERLAY

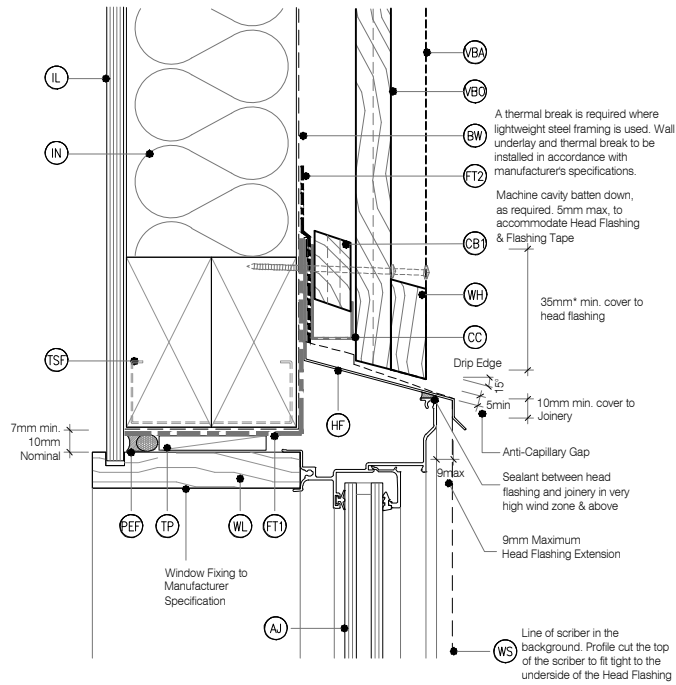
NAME

COVER SHEET - JSC BOARD & BATTEN CLADDING

• TO BE READ IN CONJUNCTION WITH COMPLETE JSC SYSTEM LITERATURE

• DETAILS MAY BE SUBJECT CHANGE WITHOUT NOTICE

DRAWING SCALE	ISSUE DATE
NTS	24/02/2025
DRAWING NUMBER	VERSION
JSC 20CF BB00	2.5



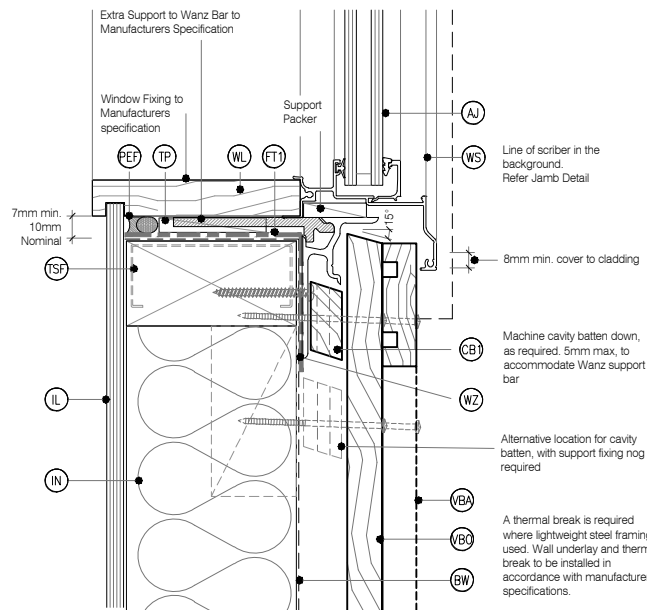
\*For Low, Medium, High and Very High wind zones, flashing upstands shall have either:

- A hem or hook to E2/AS1 Figure 5 with upstand dimensions as per E2/AS1 Table 7, or
- No hooks or hems, and flashing upstand dimensions increased by 25 mm beyond those shown on E2/AS1 Table 7

For Extra High wind zones, hooks and hems shall be used, and flashing upstand dimensions increased by 25 mm beyond those as per E2/AS1 Table 7

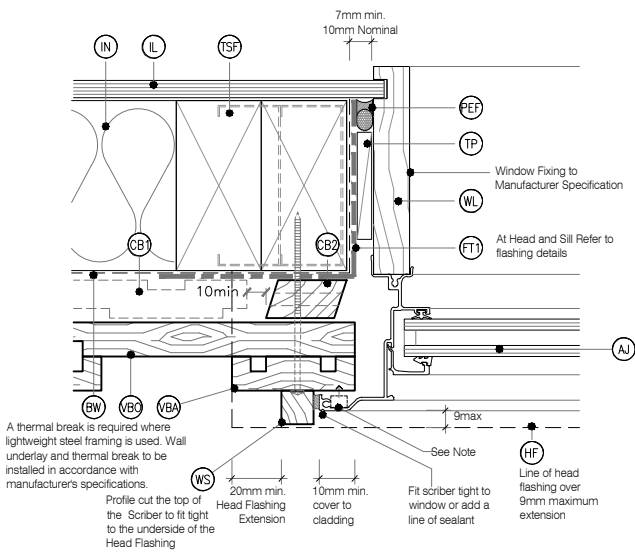
### W1 WINDOW HEAD - Board & Batten System

BB10 Cavity Fix - Aluminium Joinery - Double Glazing  
SCALE 1:2 @ A1, 1:4 @ A3



### W2 WINDOW SILL - Board & Batten System

BB11 Cavity Fix - Aluminium Joinery - Double Glazing  
SCALE 1:2 @ A1, 1:4 @ A3



NOTE : No Scribe Option :  
The Aluminium Joinery must sit hard against the back of the joinery flange and the timber weatherboards with a E.P.S Compressible foam seal in between.

### W3 WINDOW JAMB - Board & Batten System

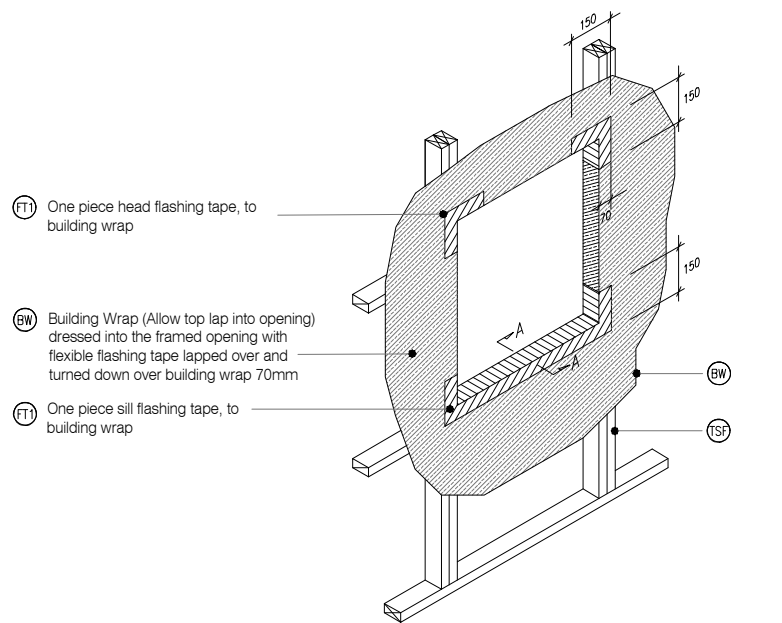
BB12 Cavity Fix - Aluminium Joinery - Double Glazing  
SCALE 1:2 @ A1, 1:4 @ A3

#### LEGEND :

- |  |   |  |
|--|---|--|
| <p>(AU) ALUMINIUM JOINERY: Selected double glazed aluminium joinery. To E2/AS1 9.1.10</p> <p>(BW) BUILDING WRAP: Flexible Wall Underlay, As per NZBC E2/AS1 - Table 23, In extra high wind zones, Rigid Underlay required ( 9.1.7.2 E2/AS1 )</p> <p>(CB1) CAVITY BATTEN - NON STRUCTURAL : Horizontally installed JSC-U 45mm x 20mm Radiata Pine H3.2 treated, both face castellated and 18° bevelled edges.</p> <p>(CB2) CAVITY BATTEN - NON STRUCTURAL : Vertically installed JSC-U 45mm x 20mm Radiata Pine H3.2 treated, both face castellated and 18° bevelled edges. Site machined to allow for flashing.</p> <p>(CC) CAVITY CLOSURE: Cavity closure strip, positioned to give a 15mm min. drip edge to cladding</p> <p>(FT1) FLASHING TAPE: Flashing tape over wrap 70mm ( 50 min ) turn-down required in corners only. Refer to Fig. 72 of NZBC E2/AS1</p> | <p>(FT2) FLEXIBLE FLASHING TAPE: Flexible flashing tape lapped over aluminium head flashing or 2nd layer of Building Wrap, taped joint to top of timber frame</p> <p>(HF) HEAD FLASHING: Aluminium head flashing with minimum 15 degree fall, optional hemmed edges as per table 7 E2/AS1</p> <p>(IL) INTERNAL LINING: Selected Internal Lining</p> <p>(IN) INSULATION: Selected insulation</p> <p>(PEF) PEF ROD BACKING: Foam backing rod with sealant to cavity in Window perimeter that forms a waterproof air-seal. ( Sealant 2:1 Ratio )</p> <p>(TP) TIMBER PACKER: H3.2 treated timber packer</p> <p>(TSF) TIMBER OR LIGHTWEIGHT STEEL FRAME: Compliant with NZBC and designed in accordance with NZS3604:2011 or NASH Design Standard 2019</p> | <p>(VBC) VERTICAL BOARD: Selected JSC Board Profile</p> <p>(VBA) VERTICAL BATTEN: Selected JSC Batten Profile</p> <p>(WL) WINDOW LINER: As Specified</p> <p>(WH) WEATHERHEAD: ( OPTIONAL ) Selected JSC Horizontal batten above meter box as necessary to suit profile, shaped to shed water, sealant to back of head scribe</p> <p>(WS) WINDOW SCRIBER: Sealant to back of scribe and 75 x 3.15mm 316 Stainless Steel nail in 3mm predrilled hole.</p> <p>(WZ) WANZ SUPPORT: Provide window support as required by joinery manufacturer</p> |
|--|---|--|

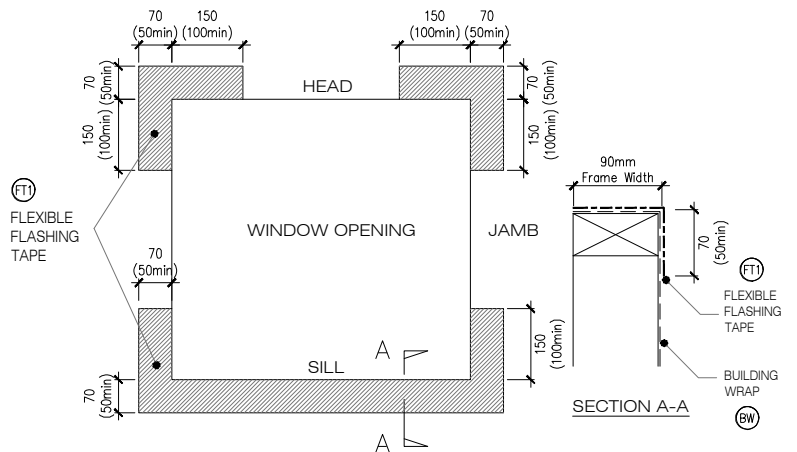
#### GENERAL NOTES :

1. JSC Board & Batten System must be installed by a suitably qualified and experienced trade person. Where Restricted Building Work (RBW) applied the installer shall be a Licensed Building Practitioner (LBP) or supervised by LBP.
2. Weatherboards must be dry and free of any contamination.
3. Board lengths must be optimised prior the installation to avoid any unnecessary wastage and joints.
4. Any loose or bark encased knots or other timber defects need to be removed.
5. Weatherboards must be coated with exterior grade premium coating on all 4 sides in accordance with coating manufacturer specification.
6. Where weatherboards have an exposed bottom edge, the back of the boards should be cut with a 15° drip edge and cut end should be coated up to 150-200mm up from the bottom edge.
7. Cavity closer/vermin proofing must be installed continuously around the bottom of the cavity.
8. Cavity closer/vermin proofing openings must be kept clear and unobstructed to maintain draining and venting of the cavity.
9. For windows and doors, head flashing stop ends must be in place.
10. Flashings at corners, doors, windows and wall intersections must be installed to prevent water from entering the cavity.



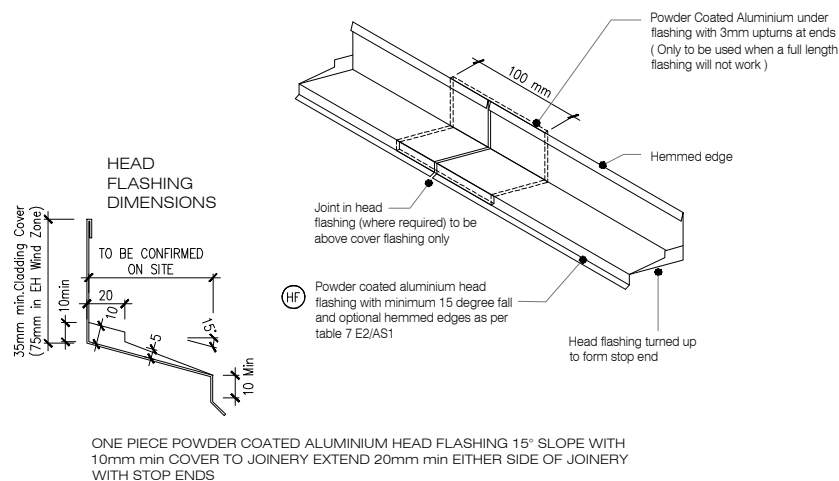
### W4 TYPICAL WINDOW OPENING ( FLASHING TAPE )

BB13 SCALE : N.T.S



### W5 FLEXIBLE BUILDING WRAP AT OPENING

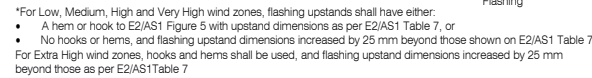
BB13 SCALE : 1 / 5 @ A1, 1 / 10 @ A3



### W6 TYPICAL HEAD & FLASHING JOINT

BB13 SCALE : 1 / 2 @ A1, 1 / 4 @ A3





Technical cross-section diagram of a window assembly. The diagram illustrates the internal structure of the window frame and its connection to the building's exterior wall and floor.

**Labels and Callouts:**

- DS:** Line of scribe in the background. Refer Jamb Detail
- AJ:** (Callout to the window frame profile)
- Extra Support to Wanz Bar to Manufacturers Specification**
- Window Fixing to Manufacturers Specification**
- 7mm min**
- 10mm Nominal**
- PEF** (Point of Entry/Fixation)
- TP** (Top Panel)
- DL** (Drip Lip)
- FT** (Fixation Tab)
- 8mm min. cover to pladding**
- Machine cavity batten down, as required. 5mm max, to accommodate Wanz support bar**
- CB** (Cavity Batten)
- WZ** (Weatherstripping)
- A thermal break is required where lightweight steel framing is used. Wall underlayment and thermal break to be installed in accordance with manufacturer's specifications.**
- BW** (Back Wall)
- VBA** (Vertical Backing Assembly)
- VBC** (Vertical Backing Component)
- CB** (Cavity Batten)
- CC** (Cavity Channel)
- 50mm Min 150mm Max Below floor structure**
- 10** (Dimension line for floor structure depth)
- TSF** (Thermal Stop/Fixation)
- Drip Edge**
- 15** (Dimension line for drip edge height)
- Floor Lining**
- Selected under Floor Insulation**

A technical drawing of a door and window assembly. The drawing shows a cross-section of the assembly, including the door frame, door leaf, and window unit. Various components are labeled with letters in circles: (IN), (IL), (TSF), (BW), (CB), (CB2), (VBA), (VBC), (DS), (PEF), (TP), (DL), (TT), (AJ), (HF). Dimensions are given: 7mm min, 10mm Nominal, 10mm, 20mm min. Head Flashing extension, 10mm min. cover to cladding, 9mm max. A note states: "Profile cut the top of the scribe to fit tight to the underside of the Head Flashing". Another note states: "Fit scribe tight to door or add a line of Sealant". A third note states: "Line of head flashing over 9mm maximum extension". A fourth note states: "See Note". A fifth note states: "Door Hinge". A sixth note states: "Door Fixing to Manufacturer Specification". A seventh note states: "At Head and Sill Refer to flashing details". A final note states: "NOTE : No Scribe Option : The Aluminum Joinery must sit hard against the back of the joinery flange and the timber weatherboards with a E.P.S. Compressible foam seal in between."

A thermal break is required where lightweight steel framing is used. Wall underlay and thermal break to be installed in accordance with manufacturer's specifications.

7mm min  
10mm Nominal

(IN) (IL) (TSF)

(BW) (CB) (CB2)

10mm

(VBA) (VBC)

(DS)

(PEF) (TP) (DL) (TT)

Door Fixing to Manufacturer Specification

At Head and Sill Refer to flashing details

(AJ)

See Note

Door Hinge

9mm max

(HF)

Profile cut the top of the scribe to fit tight to the underside of the Head Flashing

20mm min. Head Flashing extension

10mm min. cover to cladding

Fit scribe tight to door or add a line of Sealant





Line of head flashing over 9mm maximum extension

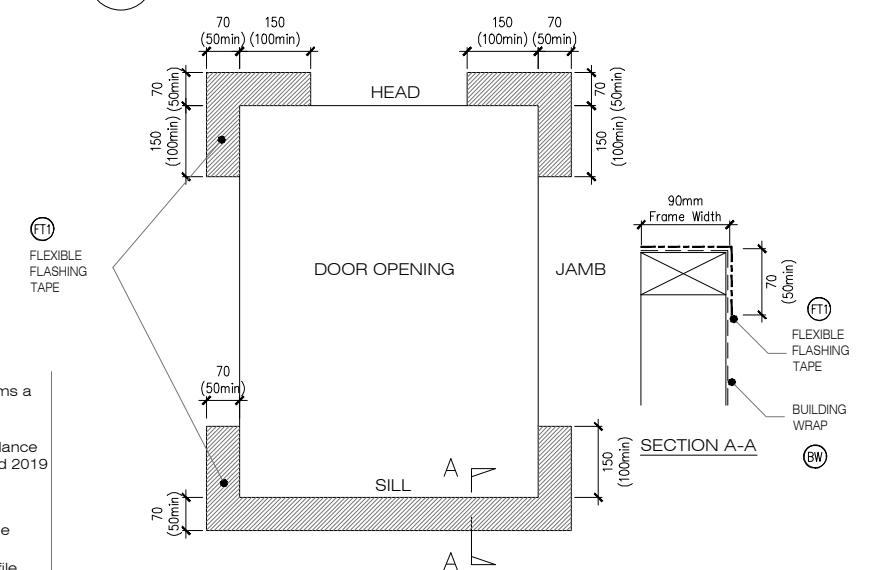
NOTE : No Scribe Option :  
The Aluminum Joinery must sit hard against the back of the joinery flange and the timber weatherboards with a E.P.S. Compressible foam seal in between.

- AJ** ALUMINIUM JOINERY: Selected double glazed aluminium joinery. To E2/AS1 9.1.10
- BW** BUILDING WRAP: Flexible Water Underlay. As per NZBC E2/AS1 - Table 23, In extra high wind zones, Rigid Underlay required (9.1.7.2 E2/AS1)
- CB1** CAVITY BATTEN - NON STRUCTURAL : Horizontally installed JSC-U 45mm x 20mm Radiata Pine H3.2 treated, both face castellated and 18° bevelled edges.
- CB2** CAVITY BATTEN - NON STRUCTURAL : Vertically installed JSC-U 45mm x 20mm Radiata Pine H3.2 treated, both face castellated and 18° bevelled edges. Site machined to allow for flashing.
- CC** CAVITY CLOSURE: Cavity closure strip, positioned to give a 15mm Min pin edge to cladding
- DL** DOOR LINER: As Specified

1. JSC Board & Batten System must be installed by a suitably qualified and experienced trade person. Where Restricted Building Work (RBW) applied the installer shall be a Licensed Building Practitioner (LBP) or supervised by LBP.
2. Weatherboards must be dry and free of any contamination.
3. Board lengths must be optimised prior the installation to avoid any unnecessary wastage and joints.

- |       |   |
|-------|---|
| (DS)  | DOOR SCRIBER: Sealant to back of scribe and 75 x 3.15mm 316 Stainless Steel nail in 3mm predrilled hole.  |
| (FT1) | FLASHING TAPE: Flashing tape over wrap 70mm ( 50 min ) turn-down required in corners only. Refer to Fig. 72 of NZBC E2/AS1                            |
| (FT2) | FLEXIBLE FLASHING TAPE: Flexible flashing tape, lapped over aluminium head flashing or 2nd layer of Building Wrap, taped joint to top of timber frame |
| (HF)  | HEAD FLASHING: Aluminium head flashing with minimum 15 degree fall, optional hemmed edges as per table 7 E2/AS1                                       |
| (IL)  | INTERNAL LINING: Selected Internal Lining   |
| (IN)  | INSULATION: Selected Insulation   |

- |   |   |
|---|---|
|  | PEF ROD BACKING: Foam backing rod with sealant to cavity in Window perimeter that forms a waterproof air-seal. ( Sealant 2:1 Ratio )                        |
|  | TIMBER OR LIGHTWEIGHT STEEL FRAME:<br>Compliant with NZBC and designed in accordance with NZS3604:2011 or NASH Design Standard 2019                         |
|  | TIMBER PACKER: Tan H3.2 Treated Packer  |
|  | VERTICAL BOARD: Selected JSC Board Profile  |
|  | VERTICAL BATTEN: Selected JSC Batten Profile  |
|  | WEATHERHEAD: ( OPTIONAL ) Selected JSC Horizontal batten above meter box as necessary to suit profile, shaped to shed water, sealant to back of head scribe |
|  | WANZ SUPPORT: Provide window support as required by joinery manufacturer  |



**HEAD FLASHING DIMENSIONS**

35mm min. Cladding Cover (75mm in EH Wind Zone)

10mm

20

10

5

10 Min

TO BE CONFIRMED ON SITE

Joint in head flashing (where required) to be above cover flashing only

HF Powder coated aluminium head flashing with minimum 15 degree fall and optional hemmed edges as per table 7 E2/AS1

Powder Coated Aluminium under flashing with 3mm upturns at ends (Only to be used when a full length flashing will not work)

Hemmed edge

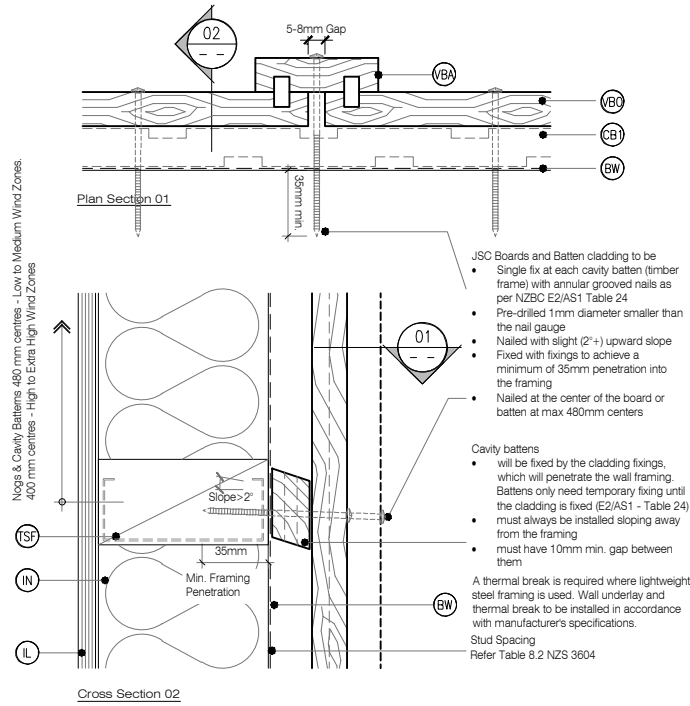
Head flashing turned up to form stop end

DRAWING NUMBER	VERSION
JSC 20CF BB25	2.5

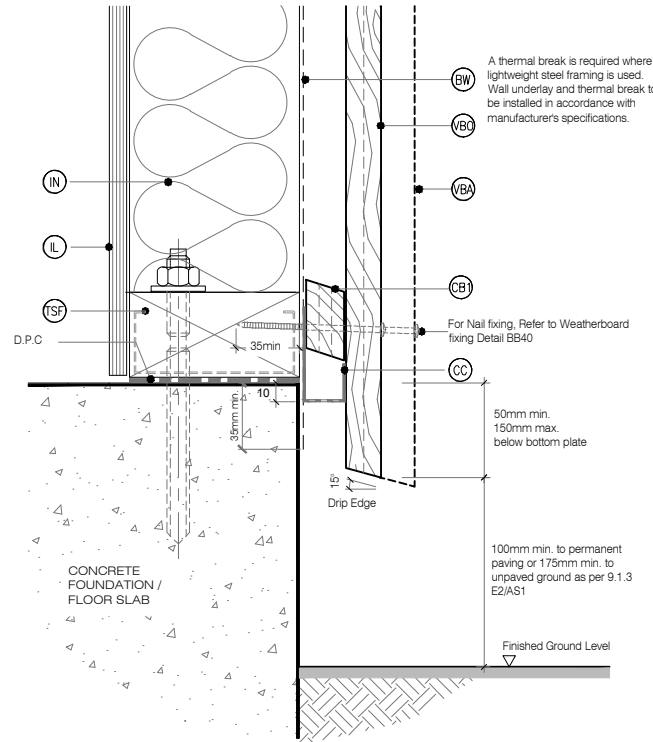


(BW)	BUILDING WRAP: Flexible Wall Underlay. As per NZBC E2/AS1 - Table 23. In extra high wind zones, Rigid Underlay required (9.1.7.2 E2/AS1)	(FT2)	FLEXIBLE FLASHING TAPE: Flexible flashing tape lapped over aluminium head flashing or 2nd layer of Building Wrap, taped joint to top of timber frame
(CB1)	CAVITY BATTEN - NON STRUCTURAL : Horizontally installed JSC-U 45mm x 20mm Radiata Pine H3.2 treated, both face castellated and 18° bevelled edges.	(HF)	HEAD FLASHING: Aluminium head flashing with minimum 15 degree fall, optional hemmed edges as per table 7 E2/AS1
(CB2)	CAVITY BATTEN - NON STRUCTURAL : Vertically installed JSC-U 45mm x 20mm Radiata Pine H3.2 treated, both face castellated and 18° bevelled edges. Site machined to allow for flashing.	(IL)	INTERNAL LINING: Selected Internal Lining
(CC)	CAVITY CLOSURE: Cavity closure strip, positioned to give a 15mm minimum drip edge to cladding	(IN)	INSULATION: Selected Insulation
(FT1)	FLASHING TAPE: Flashing tape over wrap 70mm (50 min) turn-down required in corners only. Refer to Fig. 72 of NZBC E2/AS1	(PEF)	PEF ROD BACKING: Foam backing rod with sealant to cavity in Window perimeter that forms a waterproof air-seal. ( Sealant 2:1 Ratio )
		(MB)	METER BOX: Electrical meter box, with removable hinged door and polycarbonate viewing window

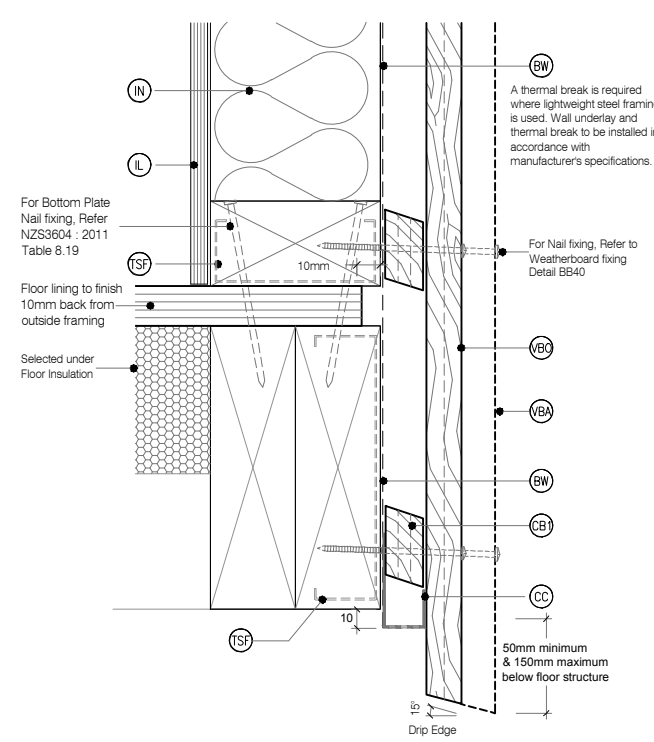
1. JSC Board & Batten System must be installed by a suitably qualified and experienced trade person. Where Restricted Building Work (RBW) applied the installer shall be a Licensed Building Practitioner (LBP) or supervised by LBP.	4. Any loose or bark encased knots or other timber defects need to be removed.	7. Cavity closer/vermin proofing must be installed continuously around the bottom of the cavity.
2. Weatherboards must be dry and free of any contamination.	5. Weatherboards must be coated with exterior grade premium coating on all 4 sides in accordance with coating manufacturer specification.	8. Cavity closer/vermin proofing openings must be kept clear and unobstructed to maintain draining and venting of the cavity.
3. Board lengths must be optimised prior the installation to avoid any unnecessary wastage and joints.	6. Where weatherboards have an exposed bottom edge, the back of the boards should be cut with a 15° drip edge and cut end should be coated up to 150-200mm up from the bottom edge.	9. For windows and doors, head flashing stop ends must be in place.
		10. Flashings at corners, doors, windows and wall intersections must be installed to prevent water from entering the cavity.



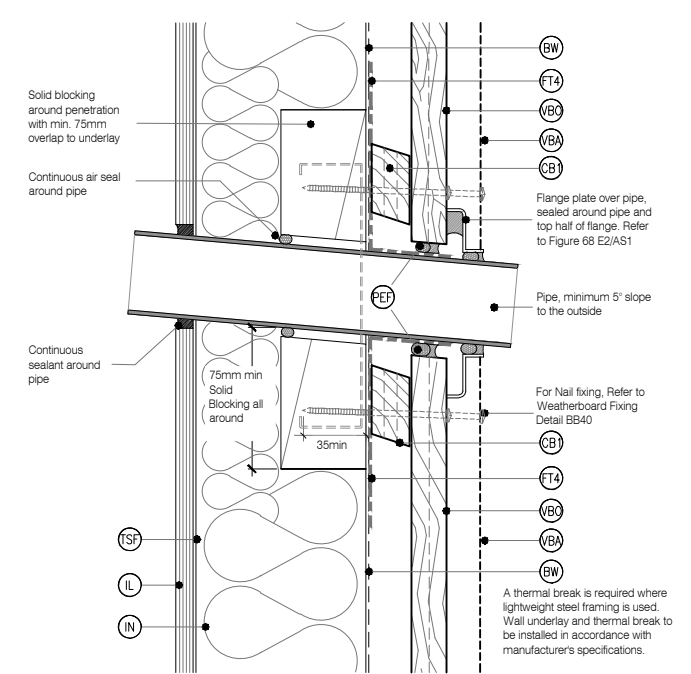
**C1** WEATHERBOARD FIXING  
BB40  
Cavity Fix - Board & Batten System  
SCALE 1:2 @ A1, 1:4 @ A3



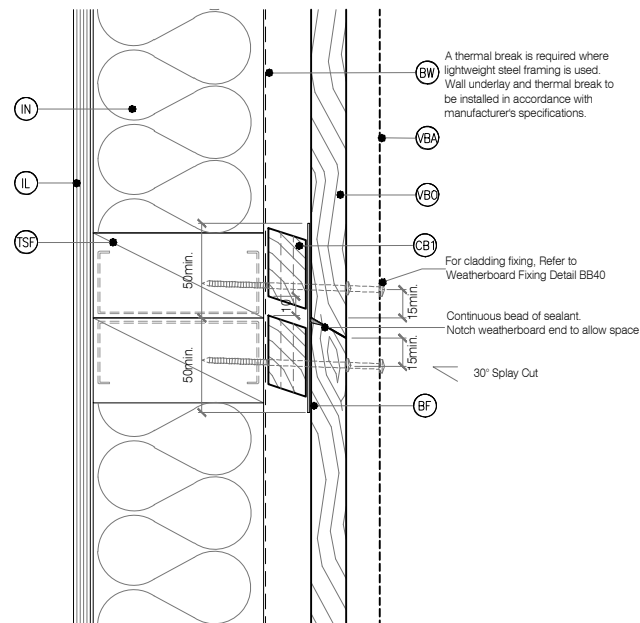
**C3** BASE OF WALL, CONCRETE  
BB42  
Cavity Fix - Board & Batten System  
SCALE 1:2 @ A1, 1:4 @ A3



**C4** BASE OF WALL, TIMBER  
BB43  
Cavity Fix - Board & Batten System  
SCALE 1:2 @ A1, 1:4 @ A3



**C5** PIPE PENETRATION  
BB44  
Cavity Fix - Board & Batten System  
SCALE 1:2 @ A1, 1:4 @ A3



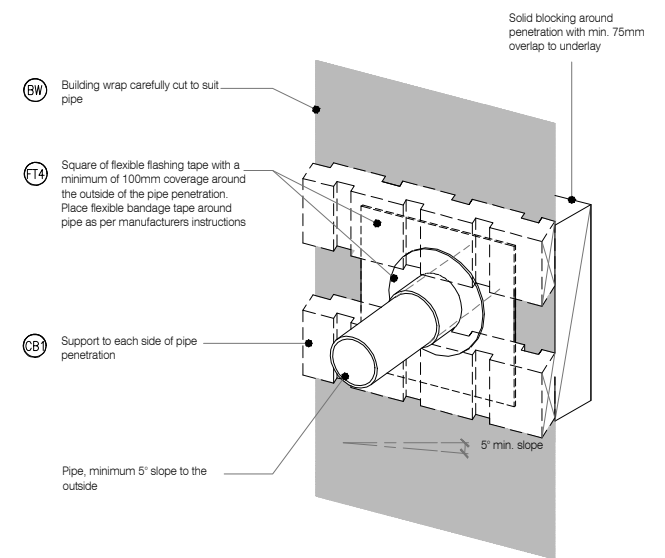
**C2** WEATHERBOARD SCARF JOINT  
BB41  
Cavity Fix - Board & Batten System  
SCALE 1:2 @ A1, 1:4 @ A3

#### LEGEND :

- |   |  |   |
|---|--|---|
| <p><b>BF</b> BACK FLASHING: Minimum 100mm Polypropylene or PVC rear flashing to provide 50mm cover past the scarf joint on each side</p> <p><b>BW</b> BUILDING WRAP: Flexible Wall Underlay, as per NZBC E2/AS1 - Table 23. In extra high wind zones, Rigid Underlay required ( 9.1.7.2 E2/AS1 )</p> <p><b>CB1</b> CAVITY BATTEN - NON STRUCTURAL : Horizontally installed JSC-U 45mm x 20mm Radiata Pine H3.2 treated, both face castellated and 18° bevelled edges.</p> | <p><b>CC</b> CAVITY CLOSURE: Cavity closure strip, positioned to give a 15mm minimum drip edge to cladding</p> <p><b>FT4</b> FLEXIBLE FLASHING TAPE: Flexible flashing tape lapped into corner, Refer NZBC E2/AS1 4.3.11 Flashing tape is recommended due to movement that may occur in corners. Not required by E2/AS1</p> <p><b>IL</b> INTERNAL LINING: Selected Internal Lining</p> | <p><b>IN</b> INSULATION: Selected Insulation</p> <p><b>TSF</b> TIMBER OR LIGHTWEIGHT STEEL FRAME: Compliant with NZBC and designed in accordance with NZS3604:2011 or NASH Design Standard 2019</p> <p><b>VBC</b> VERTICAL BOARD: Selected JSC Board Profile</p> <p><b>VBA</b> VERTICAL BATTEN: Selected JSC Batten Profile</p> |
|---|--|---|

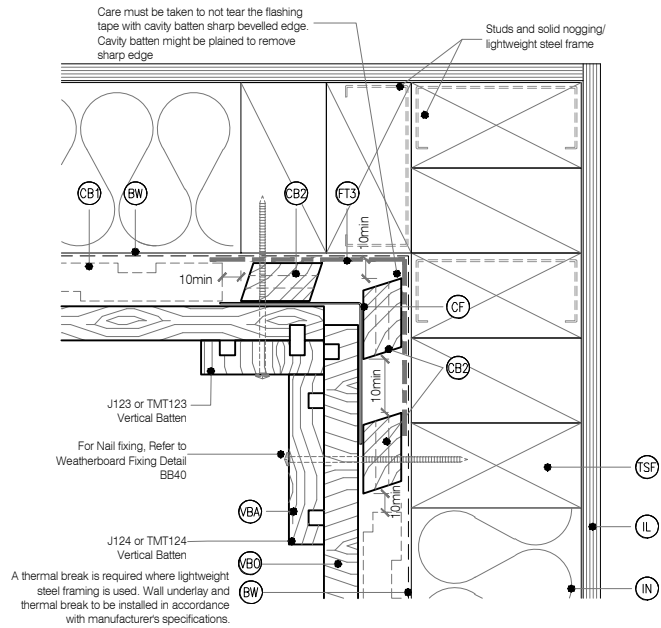
#### GENERAL NOTES :

- JSC Board & Batten System must be installed by a suitably qualified and experienced trade person. Where Restricted Building Work (RBW) applied the installer shall be a Licensed Building Practitioner (LBP) or supervised by LBP.
- Weatherboards must be dry and free of any contamination.
- Board lengths must be optimised prior the installation to avoid any unnecessary wastage and joints.
- Any loose or bark encased knots or other timber defects need to be removed.
- Weatherboards must be coated with exterior grade premium coating on all 4 sides in accordance with coating manufacturer specification.
- Where weatherboards have an exposed bottom edge, the back of the boards should be cut with a 15° drip edge and cut end should be coated up to 150-200mm up from the bottom edge.
- Cavity closer/vermin proofing must be installed continuously around the bottom of the cavity.
- Cavity closer/vermin proofing openings must be kept clear and unobstructed to maintain draining and venting of the cavity.
- For windows and doors, head flashing stop ends must be in place.
- Flashings at corners, doors, windows and wall intersections must be installed to prevent water from entering the cavity.



**C6** 3D PIPE PENETRATION  
BB45  
Cavity Fix - Board & Batten System  
SCALE : N.T.S

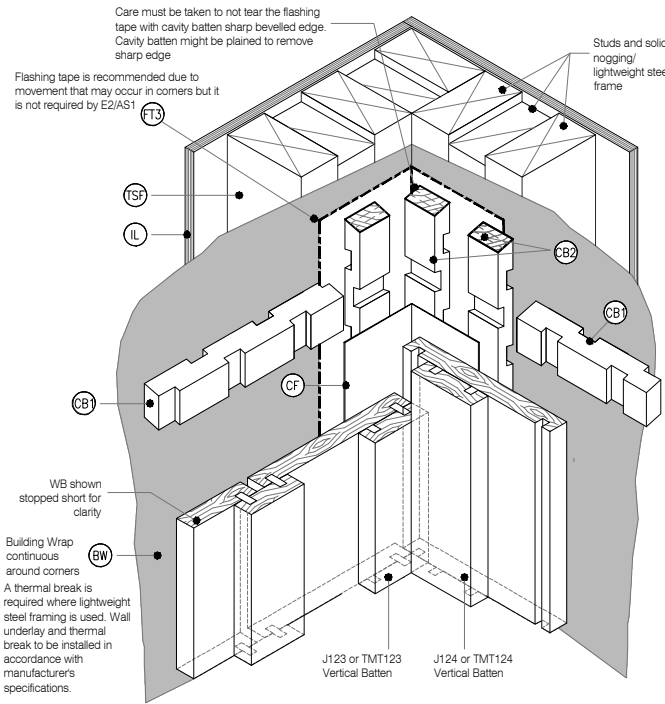




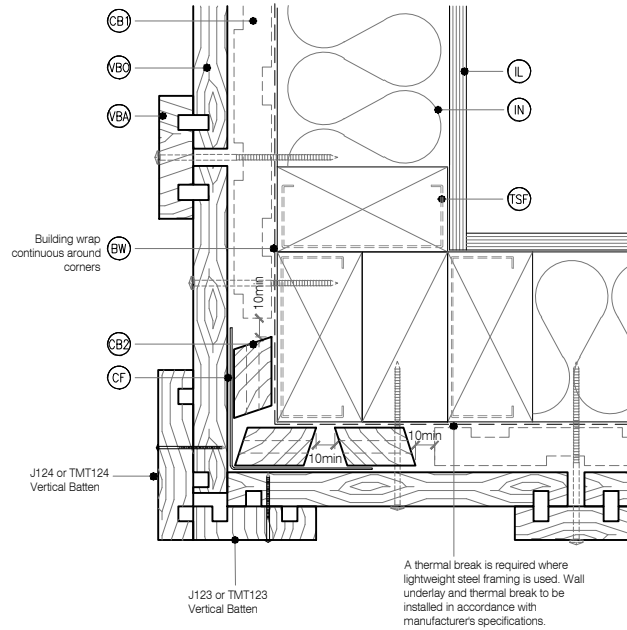
DETAIL NOTES :

1. Flashing tape is recommended due to movement that may occur in corners but it is not required by E2/AS1

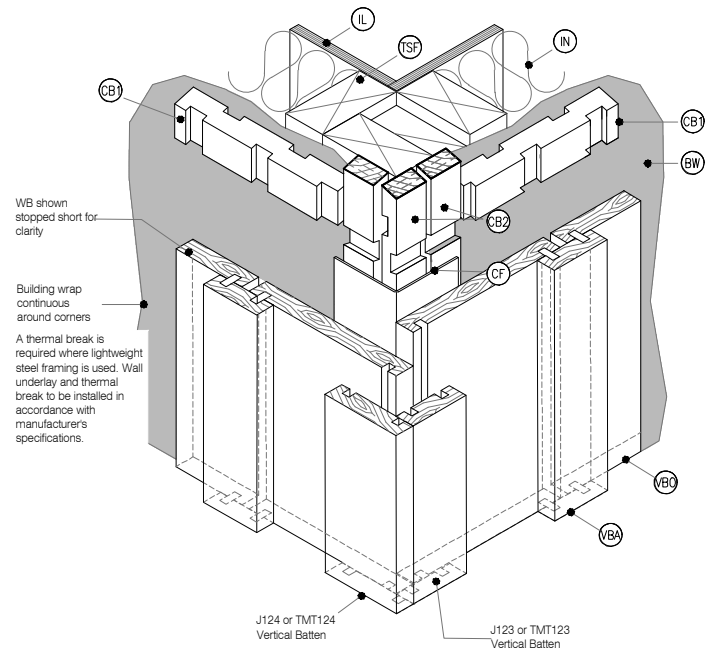
**C16** INTERNAL CORNER DETAIL  
BB60  
Cavity Fix - Board & Batten System  
SCALE 1:2 @ A1, 1:4 @ A3



**C17** 3D INTERNAL CORNER - J44  
BB61  
Cavity Fix - Board & Batten System  
SCALE : N.T.S



**C18** INTERNAL CORNER  
BB62  
Cavity Fix - Board & Batten System  
SCALE 1:2 @ A1, 1:4 @ A3



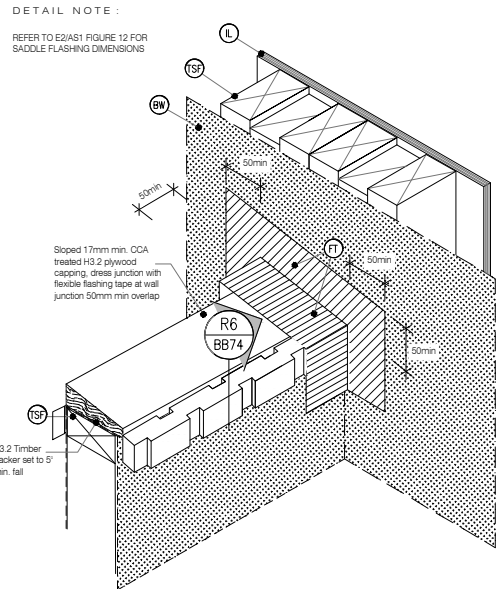
**C19** 3D INTERNAL CORNER  
BB63  
Cavity Fix - Board & Batten System  
SCALE : N.T.S

LEGEND :

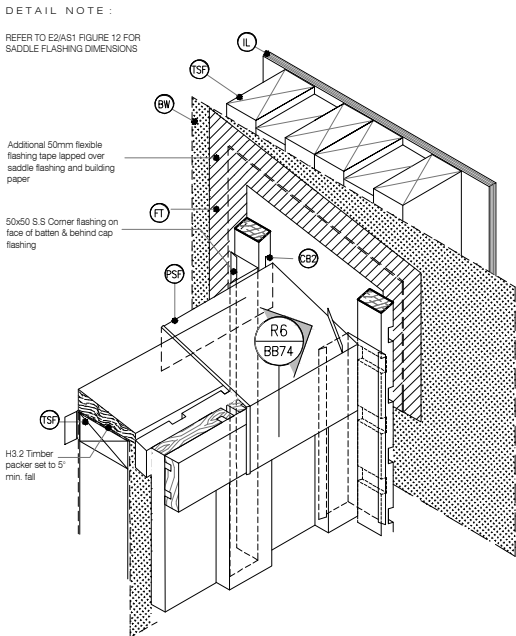
<b>BW</b> BUILDING WRAP: Flexible Wall Underlay, As per NZBC E2/AS1 - Table 23, In extra high wind zones, Rigid Underlay required ( 9.1.7.2 E2/AS1 )	<b>CF</b> CORNER FLASHING: Aluminium, PVC or Stainless Steel corner flashing. Refer NZBC E2/AS1 Section 4.3 'Acceptable flashing materials' Minimum Flashing Size (mm) as per NZBC E2/AS1 Section 4.5.1	<b>IL</b> INTERNAL LINING: Selected Internal Lining
<b>CB1</b> CAVITY BATTEN - NON STRUCTURAL : Horizontally installed JSC-U 45mm x 20mm Radiata Pine H3.2 treated, both face castellated and 18° bevelled edges.	<b>IN</b> INSULATION: Selected Insulation	<b>TSF</b> TIMBER OR LIGHTWEIGHT STEEL FRAME: Compliant with NZBC and designed in accordance with NZS3604:2011 or NASH Design Standard 2019
<b>CB2</b> CAVITY BATTEN - NON STRUCTURAL : Vertically installed JSC-U 45mm x 20mm Radiata Pine H3.2 treated, both face castellated and 18° bevelled edges. Site machined to allow for flashing.	<b>FT3</b> FLEXIBLE FLASHING TAPE: Flexible flashing tape lapped into corner, Refer NZBC E2/AS1 4.3.1.1 Flashing tape is recommended due to movement that may occur in corners. Not required by E2/AS1	<b>VBO</b> VERTICAL BOARD: Selected JSC Board Profile
		<b>VBA</b> VERTICAL BATTEN: Selected JSC Batten Profile

GENERAL NOTES :

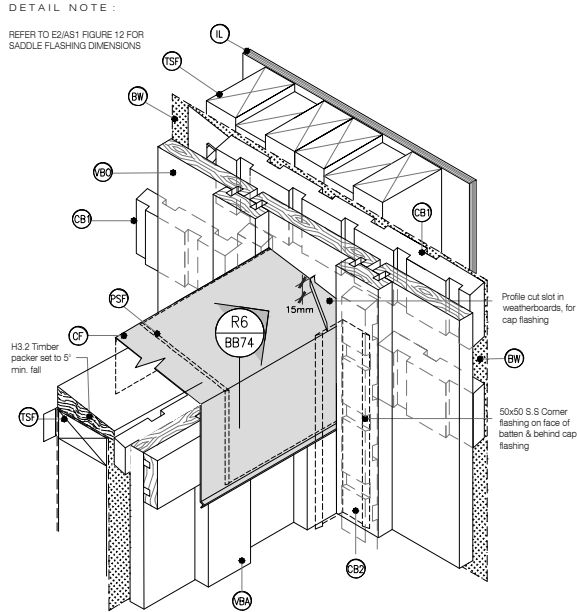
1. JSC Board & Batten System must be installed by a suitably qualified and experienced trade person. Where Restricted Building Work (RBW) applied the installer shall be a Licensed Building Practitioner (LBP) or supervised by LBP.
2. Weatherboards must be dry and free of any contamination.
3. Board lengths must be optimised prior the installation to avoid any unnecessary wastage and joints.
4. Any loose or bark encased knots or other timber defects need to be removed.
5. Weatherboards must be coated with exterior grade premium coating on all 4 sides in accordance with coating manufacturer specification.
6. Where weatherboards have an exposed bottom edge, the back of the boards should be cut with a 15° drip edge and cut end should be coated up to 150-200mm up from the bottom edge.
7. Cavity closer/vermin proofing must be installed continuously around the bottom of the cavity.
8. Cavity closer/vermin proofing openings must be kept clear and unobstructed to maintain draining and venting of the cavity.
9. For windows and doors, head flashing stop ends must be in place.
10. Flashings at corners, doors, windows and wall intersections must be installed to prevent water from entering the cavity.



STAGE ONE



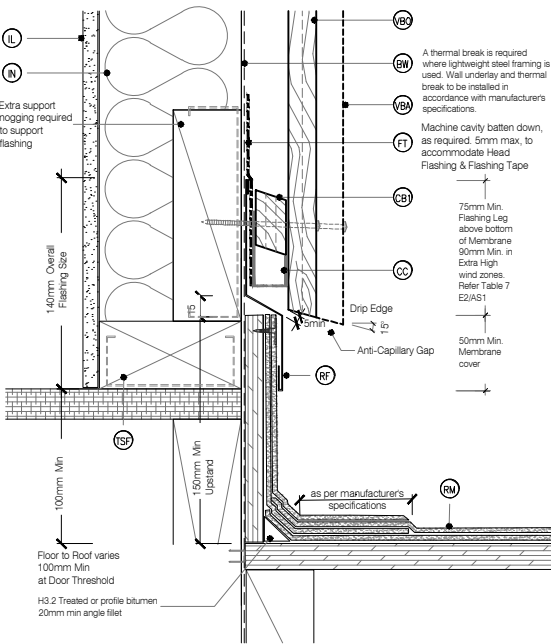
STAGE TWO



STAGE THREE

**R2** PARAPET SADDLE FLASHING  
BB71 Cavity Fix - Board & Batten System  
SCALE NTS

**R6** PARAPET DETAIL  
BB74 Cavity Fix - Board & Batten System  
SCALE 1:2 @ A1, 1:4 @ A3



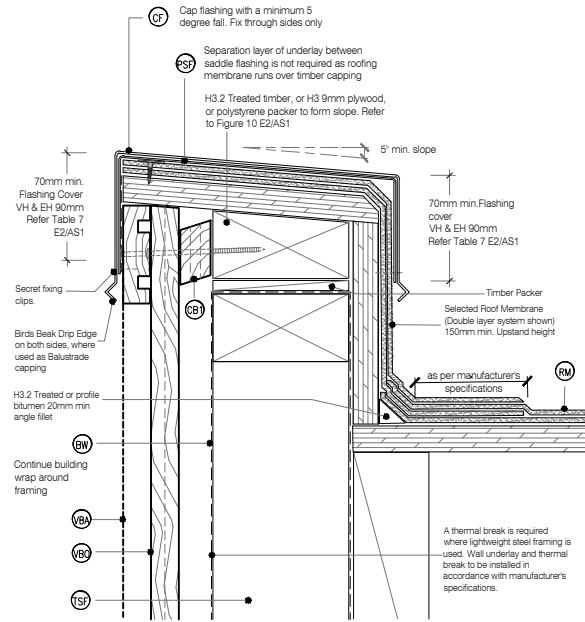
**R1** BASE OF WALL, MEMBRANE ROOF  
BB70 Cavity Fix - Board & Batten System  
SCALE 1:2.5 @ A1, 1:5 @ A3

LEGEND :

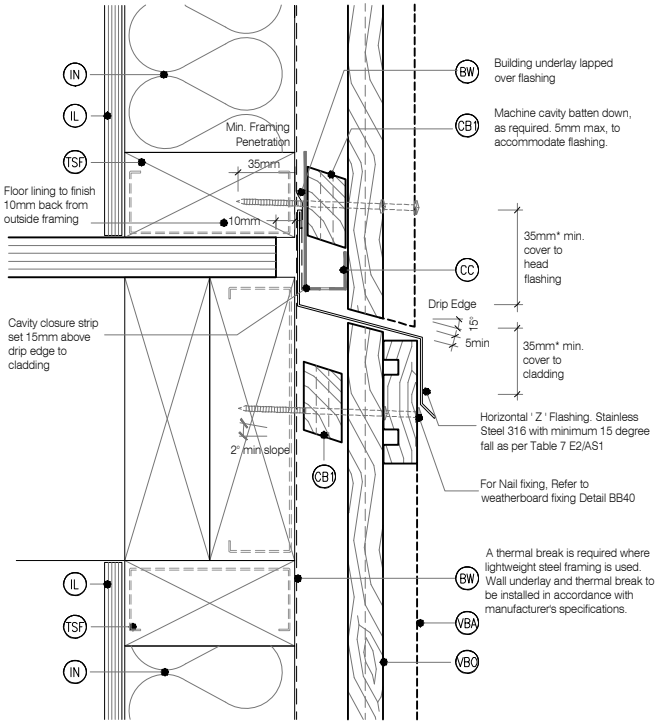
- (BW)** BUILDING WRAP: Flexible Wall Underlay, As per NZBC E2/AS1 - Table 23, In extra high wind zones, Rigid Underlay required (9.1.7.2 E2/AS1)
- (CB1)** CAVITY BATTEN - NON STRUCTURAL : Horizontally installed JSC-U 45mm x 20mm Radiata Pine H3.2 treated, both face castellated and 18° bevelled edges.
- (CB2)** CAVITY BATTEN - NON STRUCTURAL : Vertically installed JSC-U 45mm x 20mm Radiata Pine H3.2 treated, both face castellated and 18° bevelled edges. Site machined to allow for flashing.
- (CC)** CAVITY CLOSURE: Cavity closure strip, positioned to give a 15mm Min drip edge to cladding.
- (CF)** CAP FLASHING: Continuous parapet flashing. Materials as per E2/AS1 4.3 + Figure 9 & Table 7
- (FT)** FLASHING TAPE: As per E2/AS1 4.3.11
- (IL)** INTERNAL LINING: Selected Internal Lining
- (IN)** INSULATION: Selected Insulation
- (PSF)** PARAPET SADDLE FLASHING: Materials as per E2/AS1 4.0, refer E2/AS1 Figure 11 & 12 . Typically 0.45mm Min 316 Stainless Steel. Refer Table 20 & Table 21 for Comparability of Materials in Contact
- (PB)** PLYWOOD BACKING: 17mm CCA treated H3.2 grade plywood substrate
- (RM)** ROOFING MEMBRANE: Selected System on 17mm CCA treated H3.2 grade plywood glued and screwed to Rafter. Roof Membrane requires 400mm solid block support each way & solid support to all sheet edges
- (TSF)** TIMBER OR LIGHTWEIGHT STEEL FRAME: Compliant with NZBC and designed in accordance with NZS3604:2011 or NASH Design Standard 2019
- (VBC)** VERTICAL BOARD: Selected JSC Board Profile
- (VBA)** VERTICAL BATTEN: Selected JSC Batten Profile

GENERAL NOTES :

- JSC Board & Batten System must be installed by a suitably qualified and experienced trade person. Where Restricted Building Work (RBW) applied the installer shall be a Licensed Building Practitioner (LBP) or supervised by LBP.
- Weatherboards must be dry and free of any contamination.
- Board lengths must be optimised prior the installation to avoid any unnecessary wastage and joints.
- Any loose or bark encased knots or other timber defects need to be removed.
- Weatherboards must be coated with exterior grade premium coating on all 4 sides in accordance with coating manufacturer specification.
- Where weatherboards have an exposed bottom edge, the back of the boards should be cut with a 15° drip edge and cut end should be coated up to 150-200mm up from the bottom edge.
- Cavity closer/vermin proofing must be installed continuously around the bottom of the cavity.
- Cavity closer/vermin proofing openings must be kept clear and unobstructed to maintain draining and venting of the cavity.
- For windows and doors, head flashing stop ends must be in place.
- Flashings at corners, doors, windows and wall intersections must be installed to prevent water from entering the cavity.

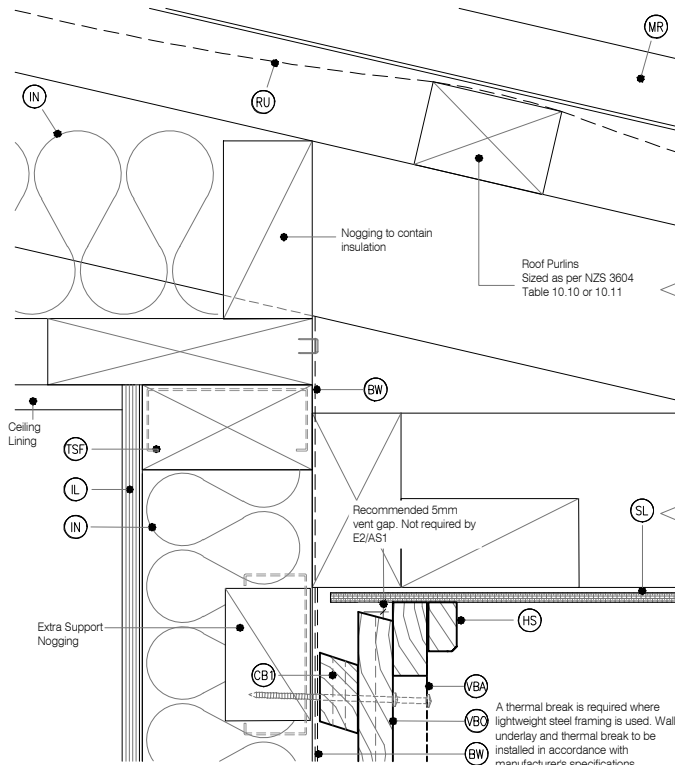


**R7** PARAPET SECTION TO MEMBRANE ROOF  
BB75 Cavity Fix - Board & Batten System  
SCALE 1:2.5 @ A1, 1:5 @ A3

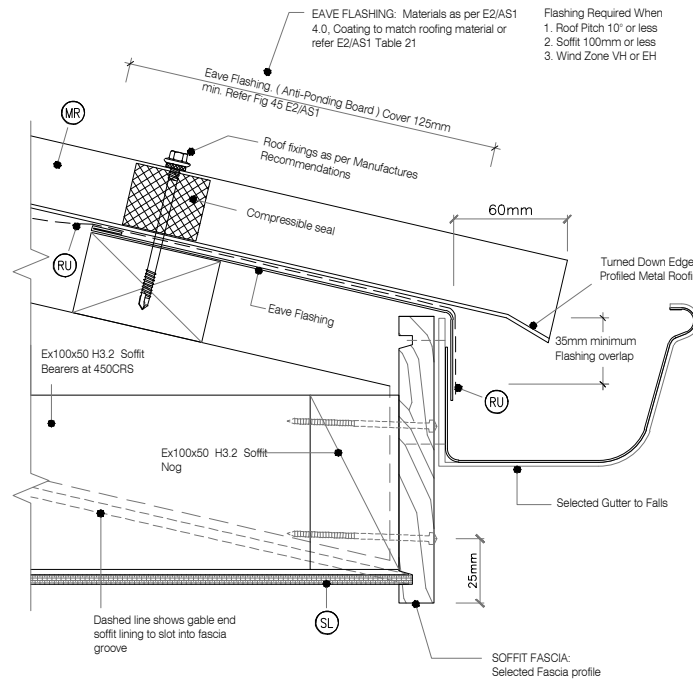


\*For Low, Medium, High and Very High wind zones, flashing upstands shall have either:  
• A hem or hook to E2/AS1 Figure 5 with upstand dimensions as per E2/AS1 Table 7, or  
• No hooks or hems, and flashing upstand dimensions increased by 25 mm beyond those shown on E2/AS1 Table 7  
For Extra High wind zones, hooks and hems shall be used, and flashing upstand dimensions increased by 25 mm beyond those as per E2/AS1 Table 7

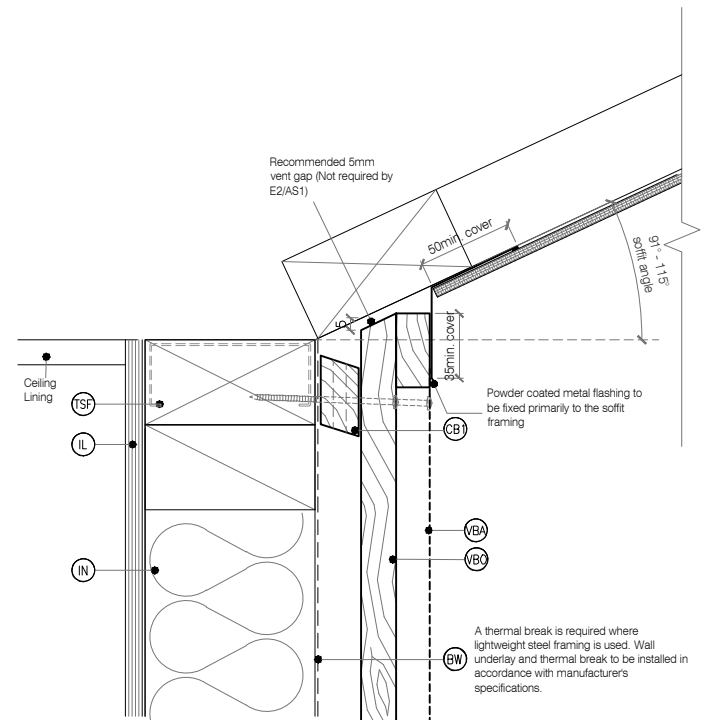
**C22** DRAINED INTER-STOREY JOINT  
BB80 Cavity Fix - Board & Batten System  
SCALE 1:2 @ A1, 1:4 @ A3



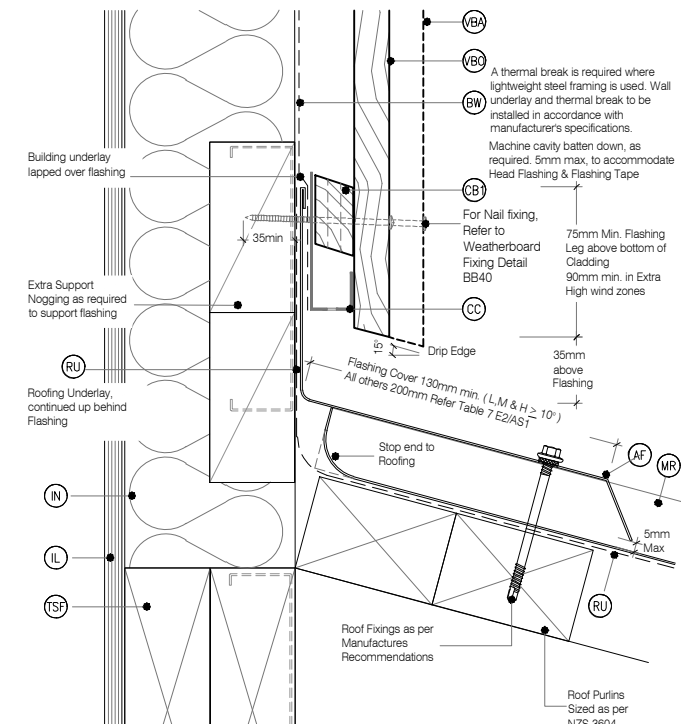
**C24** SOFFIT DETAIL AT WALL  
BB82 Cavity Fix - Board & Batten System  
SCALE 1:2 @ A1, 1:4 @ A3



**C25** SOFFIT DETAIL AT FASCIA  
BB83 Cavity Fix - Board & Batten System  
SCALE 1:2 @ A1, 1:4 @ A3



**C26** RAKING SOFFIT DETAIL AT WALL  
BB84 Cavity Fix - Board & Batten System  
SCALE 1:2 @ A1, 1:4 @ A3



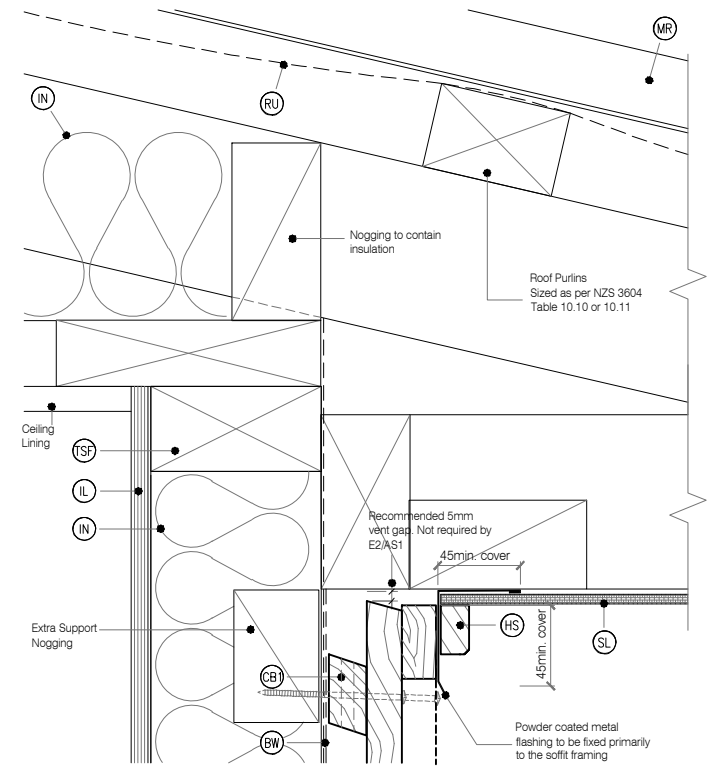
**C23** APRON FLASHING ROOF TO WALL JUNCTION  
BB81 Cavity Fix - Board & Batten System  
SCALE 1:2 @ A1, 1:4 @ A3

#### LEGEND :

- |   |   |   |
|---|---|---|
| <b>(AF)</b> APRON FLASHING: Materials as per E2/AS1 4.0, Coating to match roofing material or refer E2/AS1 Table 21. Flashing Cover 130mm min. (L, M & H ≥ 10°) All others 200mm Refer Table 7 E2/AS1 | <b>(CC)</b> CAVITY CLOSURE: Cavity closure strip, positioned to give a 15mm Min drip edge to cladding         | <b>(SL)</b> SOFFIT LINING: JSC Soffit Lining  |
| <b>(BW)</b> BUILDING WRAP: Flexible Wall Underlay, As per NZBC E2/AS1 - Table 23, In extra high wind zones, Rigid Underlay required ( 9.1.7.2 E2/AS1 )  | <b>(IL)</b> INTERNAL LINING: Selected Internal Lining   | <b>(TSF)</b> TIMBER OR LIGHTWEIGHT STEEL FRAME: Compliant with NZBC and designed in accordance with NZS3604:2011 or NASH Design Standard 2019 |
| <b>(CB)</b> CAVITY BATTEN - NON STRUCTURAL : Horizontally installed JSC-U 45mm x 20mm Radiata Pine H3.2 treated, both face castellated and 18° bevelled edges.  | <b>(IN)</b> INSULATION: Selected Insulation   | <b>(TP)</b> TIMBER PACKER: Cant Strip, H3.2 Treated at 300crs to allow ventilation over the top of the wall.                                  |
|   | <b>(HS)</b> HEAD SOFFIT SCRIBER: JSC 27 mm x 40 mm Fix with 75 x 3.15mm 316 S.S nail in 2.5mm predrilled hole | <b>(RU)</b> ROOFING UNDERLAY: Selected Roofing Underlay As Per AS/AZS4200 with Mesh or Self Supported   |
|   | <b>(MR)</b> METAL ROOFING : Selected Metal Roofing  | <b>(VBC)</b> VERTICAL BOARD: Selected JSC Board Profile   |
|   |   | <b>(VBA)</b> WEATHERBOARD: Selected JSC Board & Batten Weatherboard   |

#### GENERAL NOTES :

- JSC Board & Batten System must be installed by a suitably qualified and experienced trade person. Where Restricted Building Work (RBW) applied the installer shall be a Licensed Building Practitioner (LBP) or supervised by LBP.
- Weatherboards must be dry and free of any contamination.
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- Weatherboards must be coated with exterior grade premium coating on all 4 sides in accordance with coating manufacturer specification.
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- Cavity closer/vermin proofing openings must be kept clear and unobstructed to maintain draining and venting of the cavity.
- For windows and doors, head flashing stop ends must be in place.
- Flashings at corners, doors, windows and wall intersections must be installed to prevent water from entering the cavity.



DETAIL NOTES :  
1. 45° max. fall along soffit junction  
2. Refer to BRANZ Build 158-27 - Build Right Soffit Details at Gable Verges

**C27** GABLE SOFFIT DETAIL AT WALL  
BB85 Cavity Fix - Board & Batten System  
SCALE 1:2 @ A1, 1:4 @ A3