ARCHITECTURAL DRAWINGS

ISSUE : 24/02/2025 | VERSION : 2.5

JSC BOARD & BATTEN Weatherboards

Flexible Underlay 20mm Cavity Fix

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

1. **A3/A1 ARCHITECTURAL DRAWINGS:**
   Similar details are grouped in A1/A3 drawing set, making it easier to import details into the project plans.
2. **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 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

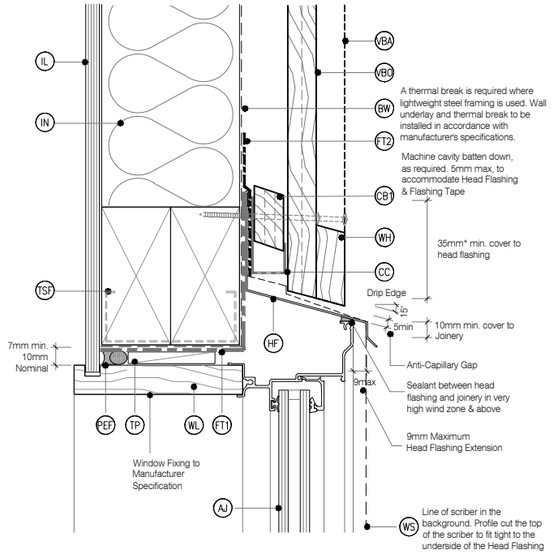
SPECIES	FIXINGS MATERIAL
Western Red Cedar	316 Stainless Steel or Silicon Bronze annular grooved nails
Alaskan Yellow Cedar	316 Stainless Steel or Silicon Bronze annular grooved nails
Iroko	316 Stainless Steel or Silicon Bronze annular grooved nails
Radiata Pine	316 Stainless Steel or Silicon Bronze 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

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



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

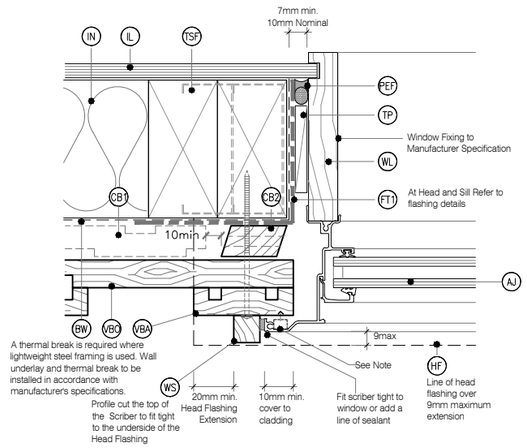
- A hem or hook to E2/AS1 Figure 5 with upstand dimensions as per E2/AS1 Table 7, or
- No hooks or hems, and flashing upstand dimensions increased by 25 mm beyond those shown on E2/AS1 Table 7

For Extra High wind zones, hooks and hems shall be used, and flashing upstand dimensions increased by 25 mm beyond those as per E2/AS1Table 7

W1 BB10 WINDOW HEAD - Board & Batten System

Cavity Fix - Aluminium Joinery - Double Glazing

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

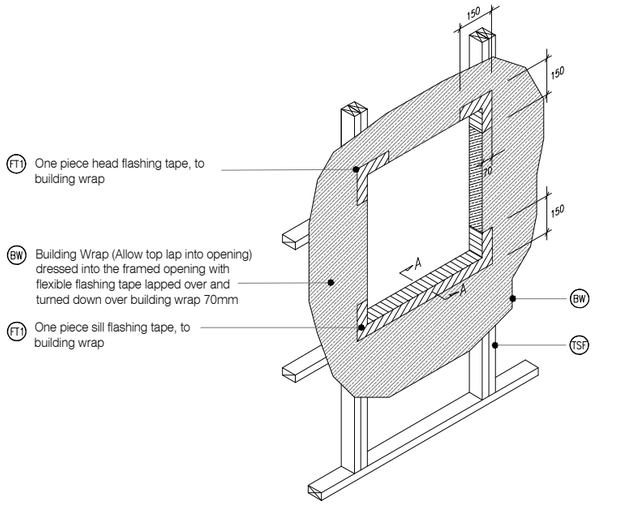


NOTE : No Scriber Option :
The Aluminium Joinery must sit hard against the back of the joinery flange and the timber weatherboards with a E.P.S Compressible foam seal in between.

W3 BB12 WINDOW JAMB - Board & Batten System

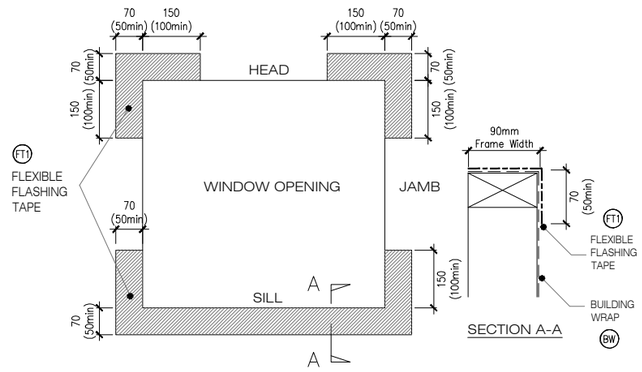
Cavity Fix - Aluminium Joinery - Double Glazing

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



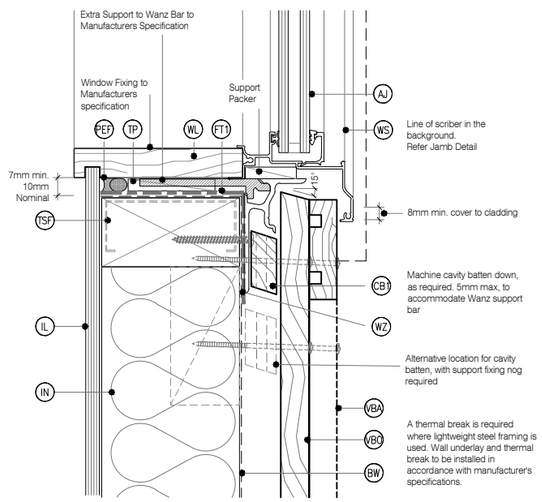
W4 BB13 TYPICAL WINDOW OPENING (FLASHING TAPE)

SCALE : N.T.S



W5 BB13 FLEXIBLE BUILDING WRAP AT OPENING

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



W2 BB11 WINDOW SILL - Board & Batten System

Cavity Fix - Aluminium Joinery - Double Glazing

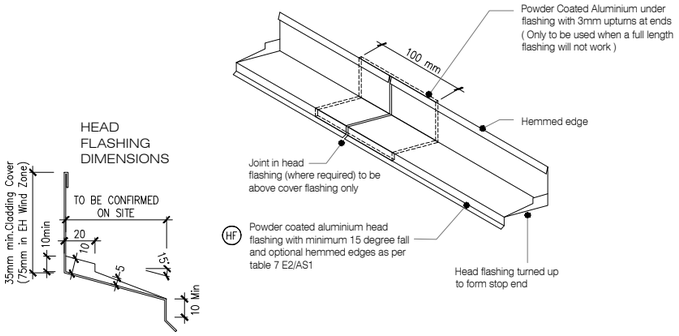
SCALE 1:2 @ A1, 1:4 @ A3

LEGEND:

- AJ — ALUMINIUM JOINERY: Selected double glazed aluminium joinery. To E2/AS1 9.1.10
- 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
- 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 — PEF ROD BACKING: Foam backing rod with sealant to cavity in Window perimeter that forms a waterproof air-seal. (Sealant 2:1 Ratio)
- TP — TIMBER PACKER: H3.2 treated timber packer
- 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
- WL — WINDOW LINER: As Specified
- WH — WEATHERHEAD: (OPTIONAL) Selected JSC Horizontal batten above meter box as necessary to suit profile, shaped to shed water, sealant to back of head scriber
- WS — WINDOW SCRIBER: Sealant to back of scriber and 75 x 3.15mm 316 Stainless Steel nail in 3mm predrilled hole.
- WZ — WANZ SUPPORT: Provide window support as required by joinery manufacturer

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.



ONE PIECE POWDER COATED ALUMINIUM HEAD FLASHING 15° SLOPE WITH 10mm min COVER TO JOINERY EXTEND 20mm min EITHER SIDE OF JOINERY WITH STOP ENDS

W6 BB13 TYPICAL HEAD & FLASHING JOINT

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

PREMIUM ARCHITECTURAL & BUILDING SOLUTIONS

jsc.co.nz

TechHelp@jsc.co.nz | (09) 412 2812

CodeMark CMNZ30083

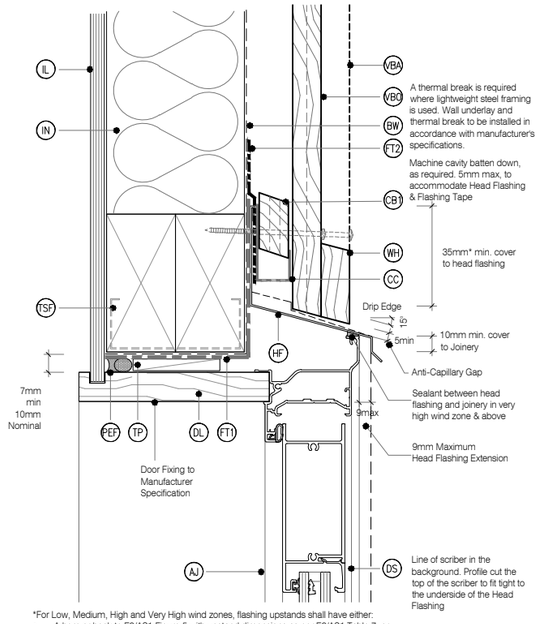
TYPE
BOARD & BATTEN WB - 20MM CAVITY FIX FLEXIBLE UNDERLAY

NAME
WINDOW DETAILS - Aluminium Joinery

- TO BE READ IN CONJUNCTION WITH COMPLETE JSC SYSTEM LITERATURE
- DETAILS MAY BE SUBJECT CHANGE WITHOUT NOTICE

DRAWING SCALE	ISSUE DATE
1:2 @ A1 1:4 @ A3	24/02/2025
DRAWING NUMBER	**VERSION**
JSC 20CF BB15	2.5

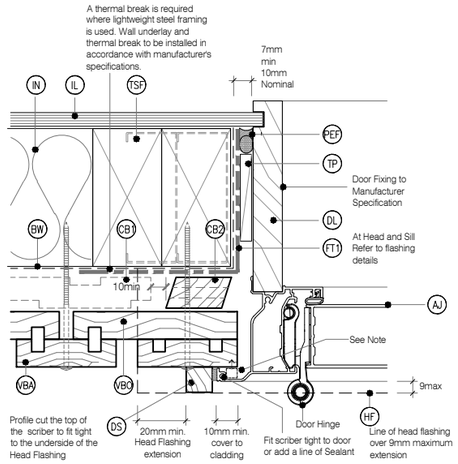
CAD REF : JSC 20CF BB10-15 - WINDOW DETAILS.dwg



*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

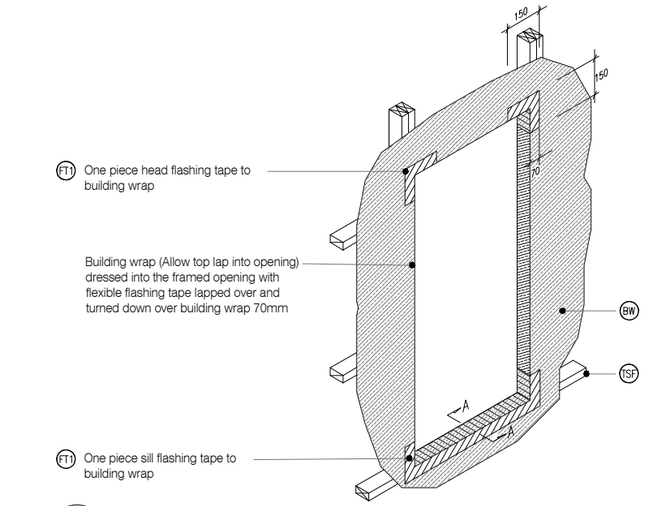
For Extra High wind zones, hooks and hems shall be used, and flashing upstand dimensions increased by 25 mm beyond those as per E2/AS1Table 7

D1 BB20 DOOR HEAD - Board & Batten System
Cavity Fix - Aluminium Joinery - Double Glazing
SCALE 1:2 @ A1, 1:4 @ A3

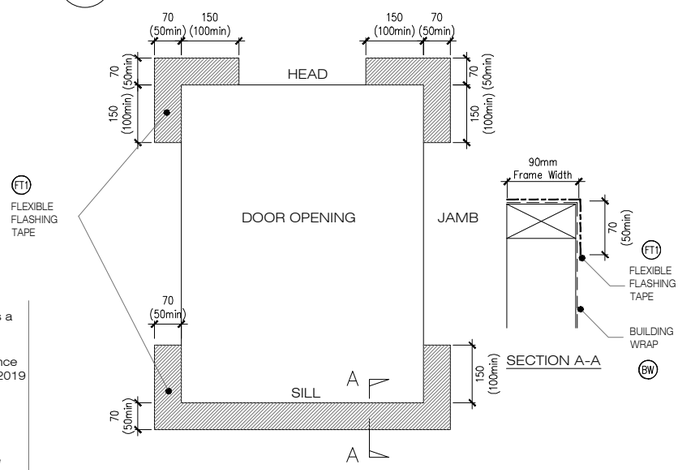


NOTE : No Scriber Option :
The Aluminium Joinery must sit hard against the back of the joinery flange and the timber weatherboards with a E.P.S Compressible foam seal in between.

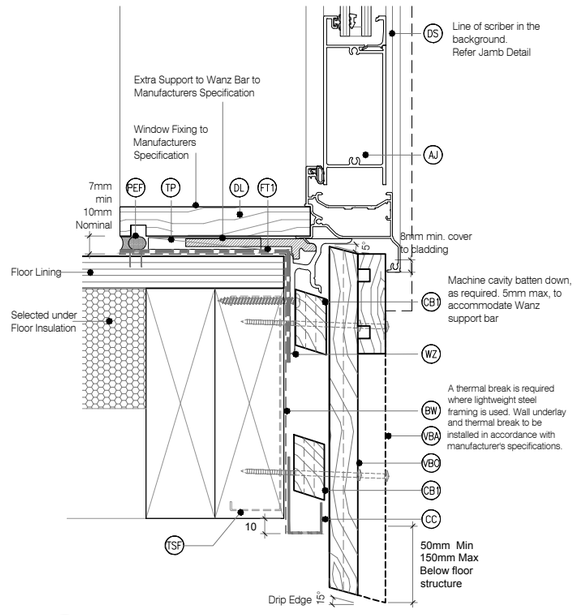
D3 BB22 DOOR JAMB - Board & Batten System
Cavity Fix - Aluminium Joinery - Double Glazing
SCALE 1:2 @ A1, 1:4 @ A3



D4 BB23 TYPICAL DOOR OPENING (FLASHING TAPE)
SCALE : N.T.S



D5 BB23 FLEXIBLE BUILDING WRAP AT OPENING
SCALE : 1 / 5 @ A1, 1 / 10 @ A3



D2 BB21 DOOR SILL - Board & Batten System
Cavity Fix - Aluminium Joinery - Double Glazing
SCALE 1:2 @ A1, 1:4 @ A3

LEGEND:

- (AJ) ALUMINIUM JOINERY: Selected double glazed aluminium joinery. To E2/AS1 9.1.10
- (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)
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- (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
- (DL) DOOR LINER: As Specified
- (DS) DOOR SCRIBER: Sealant to back of scriber 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) PEF ROD BACKING: Foam backing rod with sealant to cavity in Window perimeter that forms a waterproof air-seal. (Sealant 2:1 Ratio)
- (TSF) TIMBER OR LIGHTWEIGHT STEEL FRAME: Compliant with NZBC and designed in accordance with NZS3604:2011 or NASH Design Standard 2019
- (TP) TIMBER PACKER: Tan H3.2 Treated Packer
- (VBC) VERTICAL BOARD: Selected JSC Board Profile
- (VBA) VERTICAL BATTEN: Selected JSC Batten Profile
- (WH) WEATHERHEAD: (OPTIONAL) Selected JSC Horizontal batten above meter box as necessary to suit profile, shaped to shed water, sealant to back of head scriber
- (WZ) WANZ SUPPORT: Provide window support as required by joinery manufacturer

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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.
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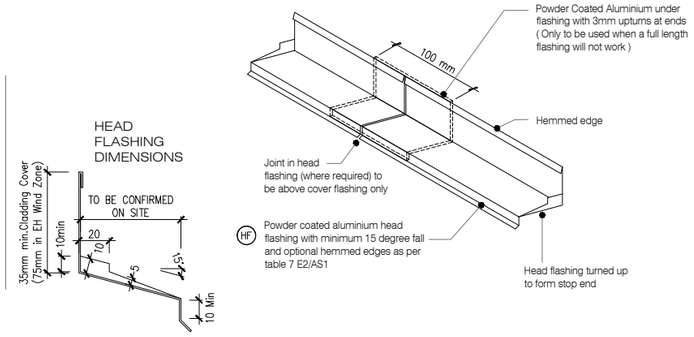

ONE PIECE POWDER COATED ALUMINIUM HEAD FLASHING 15° SLOPE WITH 10mm minimum COVER TO JOINERY EXTEND 20mm min EITHER SIDE OF JOINERY WITH STOP ENDS

D6 BB23 TYPICAL HEAD & FLASHING JOINT
SCALE : 1 / 2 @ A1, 1 / 4 @ A3

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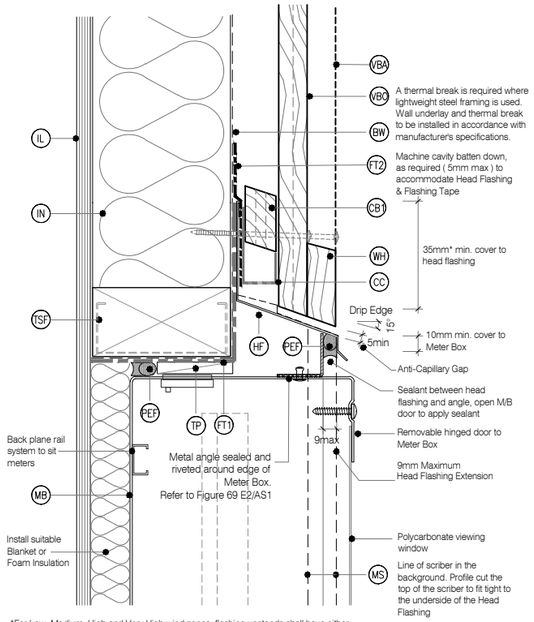
CodeMark CMNZ30083

TYPE
BOARD & BATTEN WB - 20MM CAVITY FIX FLEXIBLE UNDERLAY

NAME
DOOR DETAILS - Aluminium Joinery
- TO BE READ IN CONJUNCTION WITH COMPLETE JSC SYSTEM LITERATURE
- DETAILS MAY BE SUBJECT CHANGE WITHOUT NOTICE

DRAWING SCALE	ISSUE DATE
1:2 @ A1 1:4 @ A3	24/02/2025
DRAWING NUMBER	**VERSION**
JSC 20CF BB25	2.5

CAD REF :JSC 20CF BB20-25 - DOOR DETAILS.dwg



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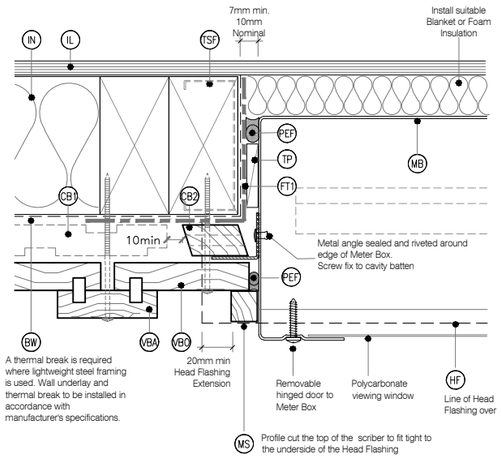
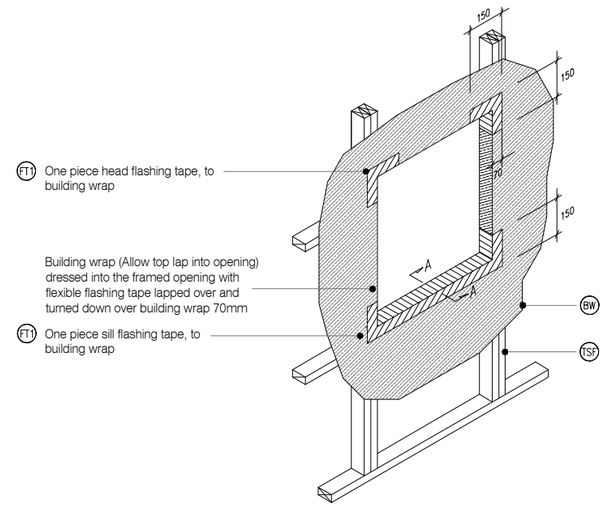
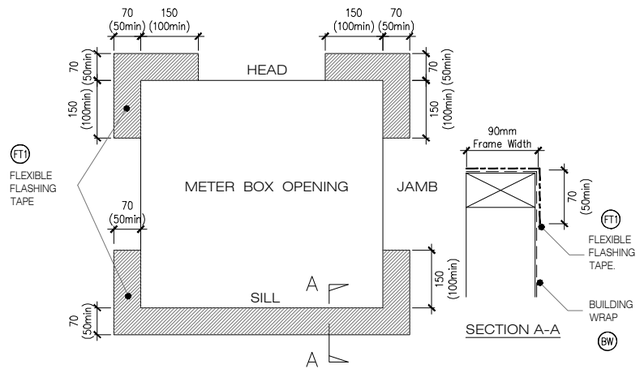
M1 BB30 METER BOX HEAD
Cavity Fix - Board & Batten System
SCALE 1:2 @ A1, 1:4 @ A3



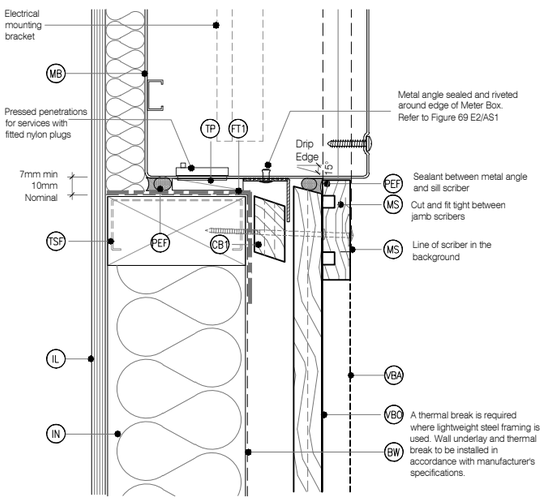
M3 BB32 METER BOX JAMB
Cavity Fix - Board & Batten System
SCALE 1:2 @ A1, 1:4 @ A3



M4 BB33 TYPICAL METER BOX OPENING (FLASHING TAPE)
SCALE : N.T.S



M5 BB33 FLEXIBLE BUILDING WRAP AT OPENING
SCALE : 1 / 5 @ A1, 1 / 10 @ A3



M2 BB31 METER BOX SILL
Cavity Fix - Board & Batten System
SCALE 1:2 @ A1, 1:4 @ 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)
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- (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) 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
- (MS) METER BOX SCRIBER: Sealant to back of scriber and 75 x 3.15mm 316 Stainless Steel nail in 3mm predrilled hole.
- (TSF) TIMBER OR LIGHTWEIGHT STEEL FRAME: Compliant with NZBC and designed in accordance with NZS3604:2011 or NASH Design Standard 2019
- (TP) TIMBER PACKER: Tan H3.2 Treated Packer
- (VBC) VERTICAL BOARD: Selected JSC Board Profile
- (VBA) VERTICAL BATTEN: Selected JSC Batten Profile
- (WL) WINDOW LINER: As Specified
- (WH) WEATHERHEAD: (OPTIONAL) Selected JSC Horizontal batten above meter box as necessary to suit profile, shaped to shed water, sealant to back of head scriber

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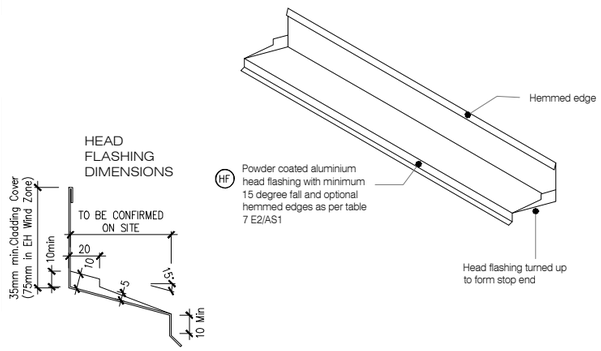

ONE PIECE PC ALUMINIUM HEAD FLASHING 15° SLOPE WITH 10mm min COVER TO JOINERY EXTEND 20mm min EITHER SIDE OF JOINERY WITH STOP ENDS

M6 BB33 TYPICAL HEAD & FLASHING JOINT
SCALE : 1 / 2 @ A1, 1 / 4 @ A3

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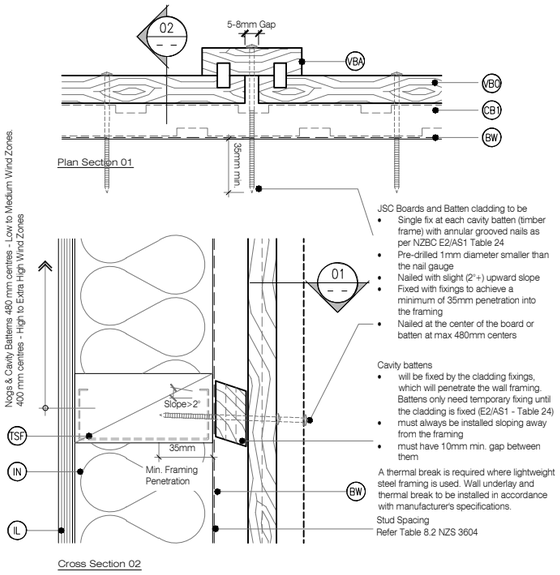
CodeMark CMNZ30083

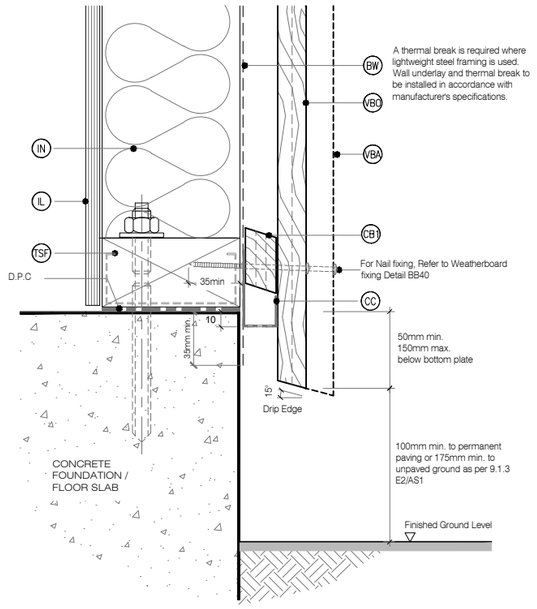
TYPE
BOARD & BATTEN WB - 20MM CAVITY FIX FLEXIBLE UNDERLAY

NAME
METER BOX DETAILS
- TO BE READ IN CONJUNCTION WITH COMPLETE JSC SYSTEM LITERATURE
- DETAILS MAY BE SUBJECT CHANGE WITHOUT NOTICE

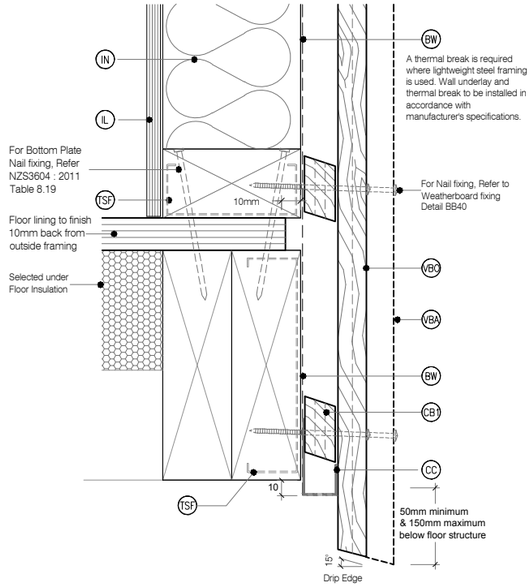
DRAWING SCALE	ISSUE DATE
1:2 @ A1 1:4 @ A3	24/02/2025
DRAWING NUMBER	**VERSION**
JSC 20CF BB35	2.5



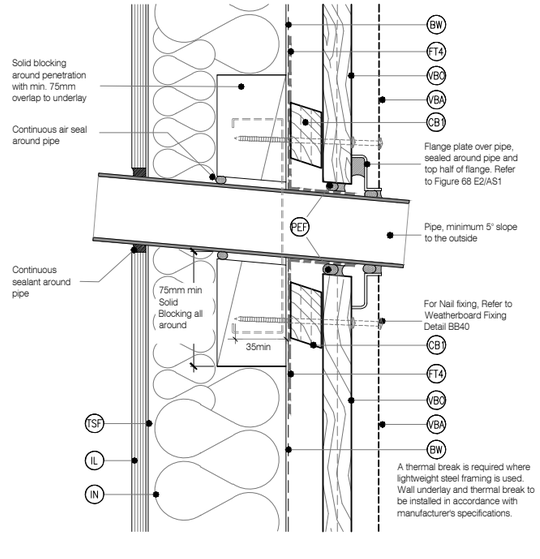
C1 BB40 WEATHERBOARD FIXING
Cavity Fix - Board & Batten System
SCALE 1:2 @ A1, 1:4 @ A3



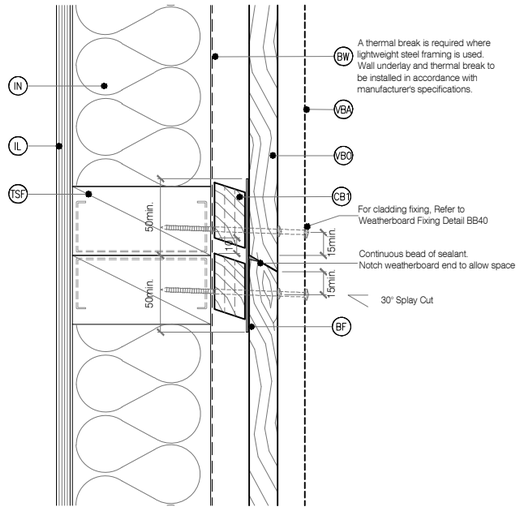
C3 BB42 BASE OF WALL, CONCRETE
Cavity Fix - Board & Batten System
SCALE 1:2 @ A1, 1:4 @ A3



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



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



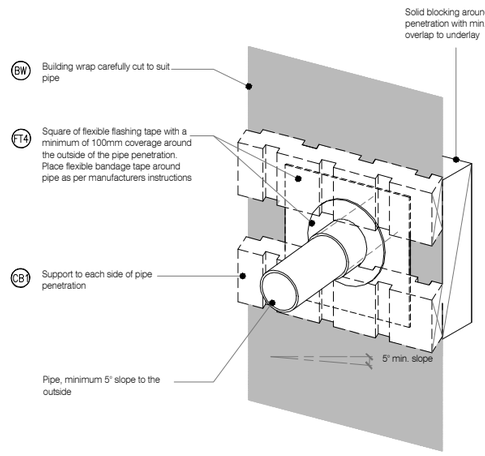
C2 BB41 WEATHERBOARD SCARF JOINT
Cavity Fix - Board & Batten System
SCALE 1:2 @ A1, 1:4 @ A3

LEGEND:

- BF — BACK FLASHING: Minimum 100mm Polypropylene or PVC rear flashing to provide 50mm cover past the scarf joint on each side
- 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.
- CC — CAVITY CLOSURE: Cavity closure strip, positioned to give a 15mm minimum drip edge to cladding
- FT4 — 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
- IL — INTERNAL LINING: Selected Internal Lining
- IN — INSULATION: Selected Insulation
- TSF — TIMBER OR LIGHTWEIGHT STEEL FRAME: Compliant with NZBC and designed in accordance with NZS3604:2011 or NASH Design Standard 2019
- VBO — VERTICAL BOARD: Selected JSC Board Profile
- VBA — 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.



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

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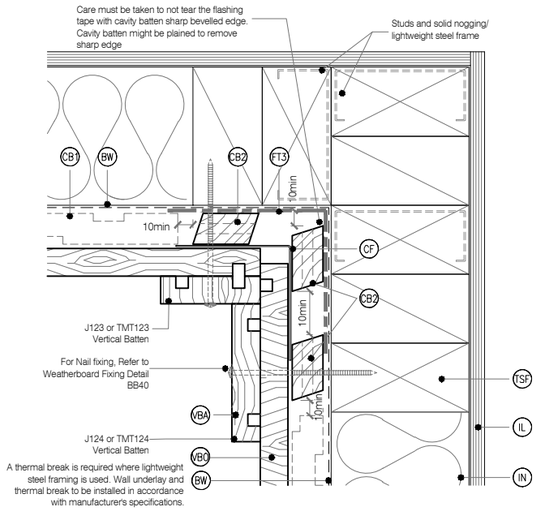
CodeMark CMNZ30083

TYPE
BOARD & BATTEN WB - 20MM CAVITY FIX FLEXIBLE UNDERLAY

NAME
GENERAL DETAILS 01

- TO BE READ IN CONJUNCTION WITH COMPLETE JSC SYSTEM LITERATURE
- DETAILS MAY BE SUBJECT CHANGE WITHOUT NOTICE

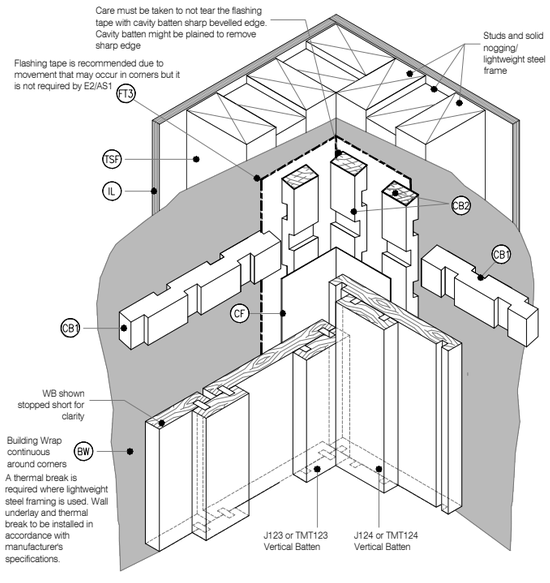
DRAWING SCALE	ISSUE DATE
1:2 @ A1 1:4 @ A3	24/02/2025
DRAWING NUMBER	**VERSION**
JSC 20CF BB46	2.5



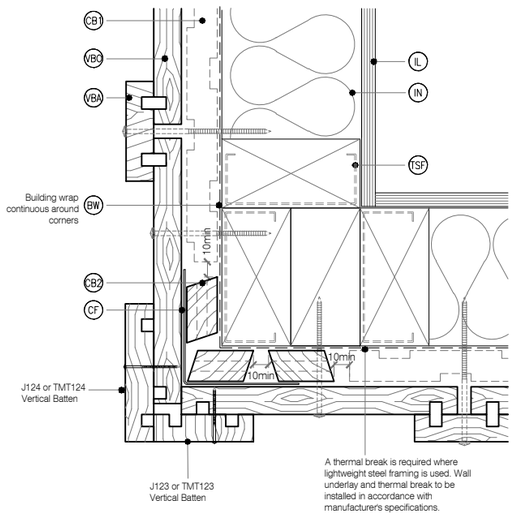
DETAIL NOTES :

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

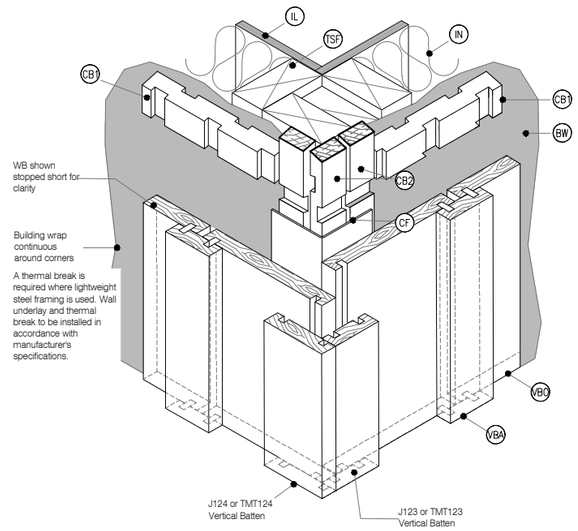
C16 BB60 — INTERNAL CORNER DETAIL
Cavity Fix - Board & Batten System
SCALE 1:2 @ A1, 1:4 @ A3



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



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



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

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.
- CF — 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
- IN — INSULATION: Selected Insulation
- FT3 — 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
- IL — INTERNAL LINING: Selected Internal Lining
- TSF — TIMBER OR LIGHTWEIGHT STEEL FRAME: Compliant with NZBC and designed in accordance with NZS3604:2011 or NASH Design Standard 2019
- VBO — VERTICAL BOARD: Selected JSC Board Profile
- VBA — 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.

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CodeMark CMNZ30083

TYPE
BOARD & BATTEN WB - 20MM CAVITY FIX FLEXIBLE UNDERLAY

NAME
GENERAL DETAILS 02

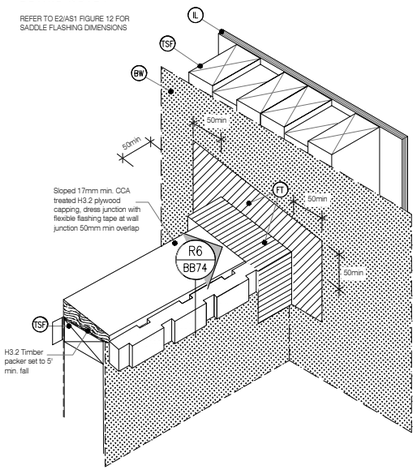
- TO BE READ IN CONJUNCTION WITH COMPLETE JSC SYSTEM LITERATURE
- DETAILS MAY BE SUBJECT CHANGE WITHOUT NOTICE

DRAWING SCALE	ISSUE DATE
1:2 @ A1 1:4 @ A3	24/02/2025
DRAWING NUMBER	**VERSION**
JSC 20CF BB66	2.5

CAD REF: :JSC 20CF BB60-66 - GENERAL DETAILS 02.dwg

DETAIL NOTE :

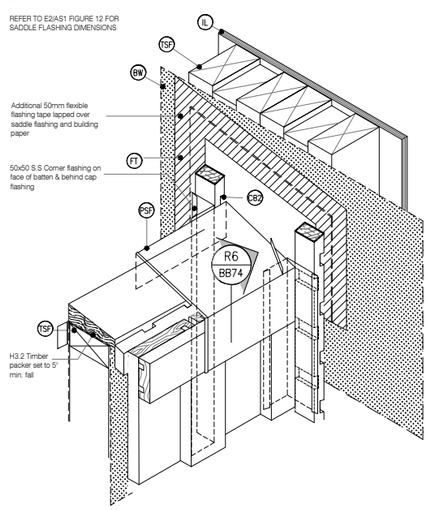
REFER TO E2/AS1 FIGURE 12 FOR SADDLE FLASHING DIMENSIONS



STAGE ONE

DETAIL NOTE :

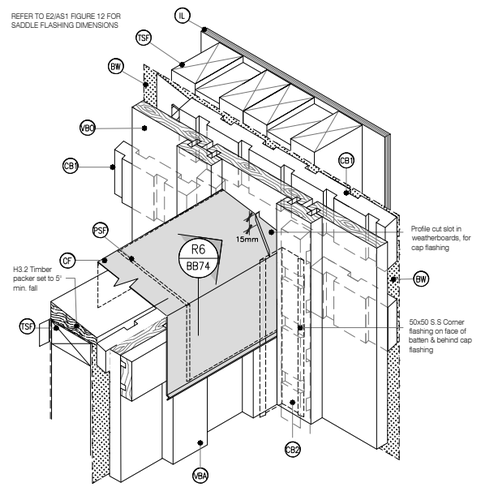
REFER TO E2/AS1 FIGURE 12 FOR SADDLE FLASHING DIMENSIONS



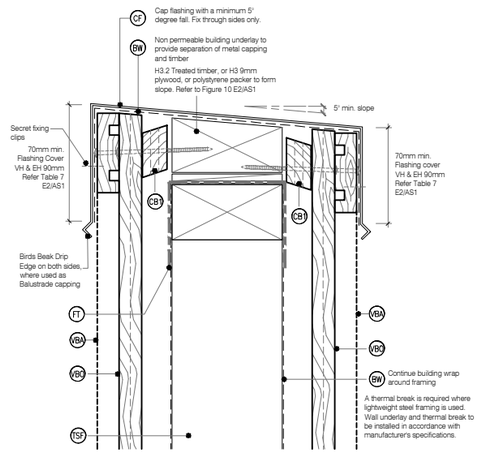
STAGE TWO

DETAIL NOTE :

REFER TO E2/AS1 FIGURE 12 FOR SADDLE FLASHING DIMENSIONS



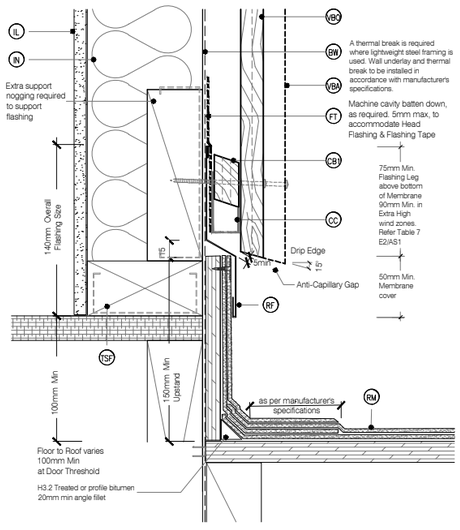
STAGE THREE



R6 BB74 PARAPET DETAIL

Cavity Fix - Board & Batten System

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



R1 BB70 BASE OF WALL, MEMBRANE ROOF

Cavity Fix - Board & Batten System

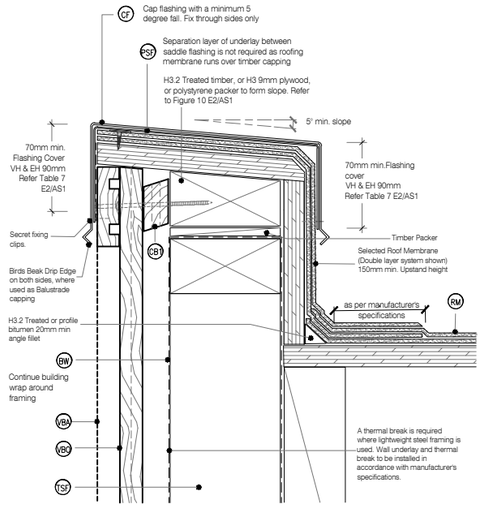
SCALE 1:2.5 @ A1, 1:5 @ A3

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 Rafters. 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 :

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.



R7 BB75 PARAPET SECTION TO MEMBRANE ROOF

Cavity Fix - Board & Batten System

SCALE 1:2.5 @ A1, 1:5 @ A3

CAD REF :JSC 20CF BB70~76 - GENERAL DETAILS 03.dwg

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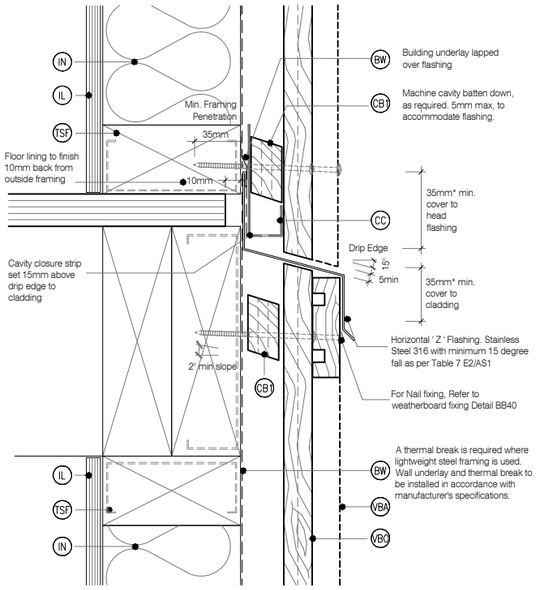
CodeMark CMNZ30083

TYPE
BOARD & BATTEN WB - 20MM CAVITY FIX FLEXIBLE UNDERLAY

NAME
GENERAL DETAILS 03

- TO BE READ IN CONJUNCTION WITH COMPLETE JSC SYSTEM LITERATURE
- DETAILS MAY BE SUBJECT CHANGE WITHOUT NOTICE

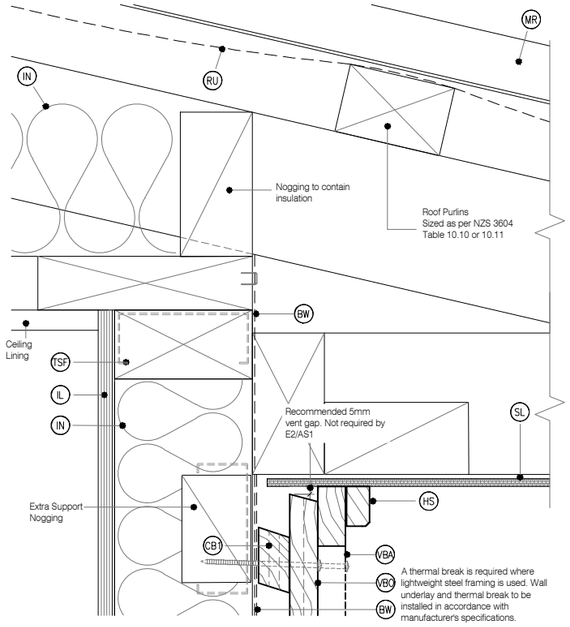
DRAWING SCALE	ISSUE DATE
1:2.5 @ A1 1:5 @ A3	24/02/2025
DRAWING NUMBER	**VERSION**
JSC 20CF BB76	2.5



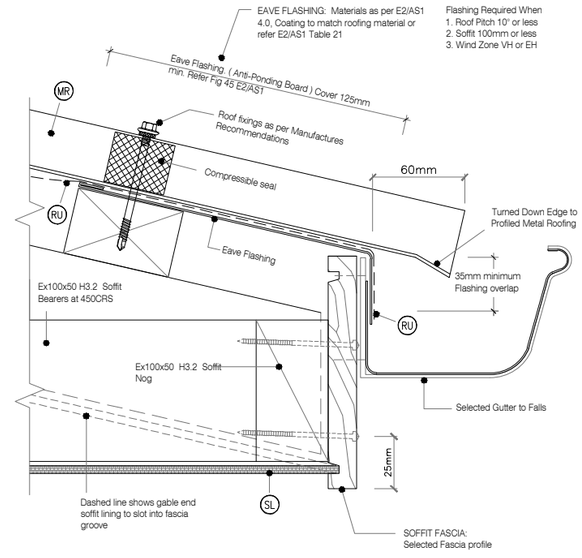
*For Low, Medium, High and Very High wind zones, flashing upstands shall have either:
- A hem or hook to E2/AS1 Figure 5 with upstand dimensions as per E2/AS1 Table 7, or
- No hooks or hems, and flashing upstand dimensions increased by 25 mm beyond those shown on E2/AS1 Table 7

For Extra High wind zones, hooks and hems shall be used, and flashing upstand dimensions increased by 25 mm beyond those as per E2/AS1Table 7

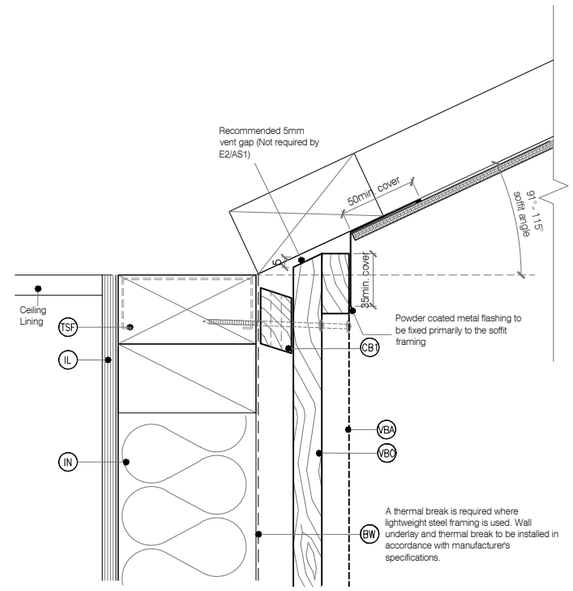
C22 BB80 DRAINED INTER-STOREY JOINT
Cavity Fix - Board & Batten System
SCALE 1:2 @ A1, 1:4 @ A3



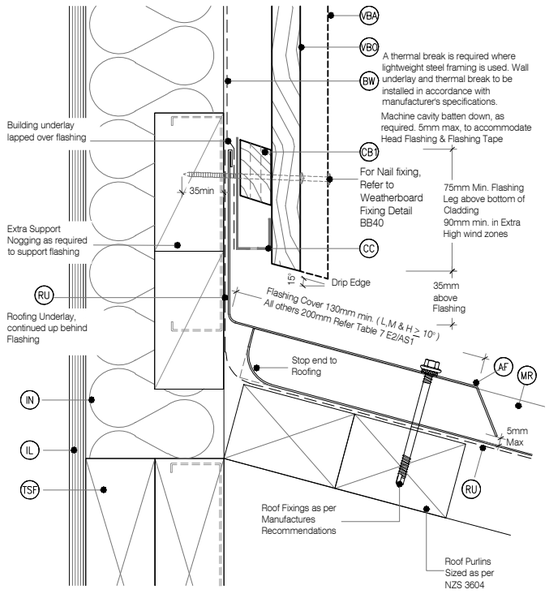
C24 BB82 SOFFIT DETAIL AT WALL
Cavity Fix - Board & Batten System
SCALE 1:2 @ A1, 1:4 @ A3



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



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



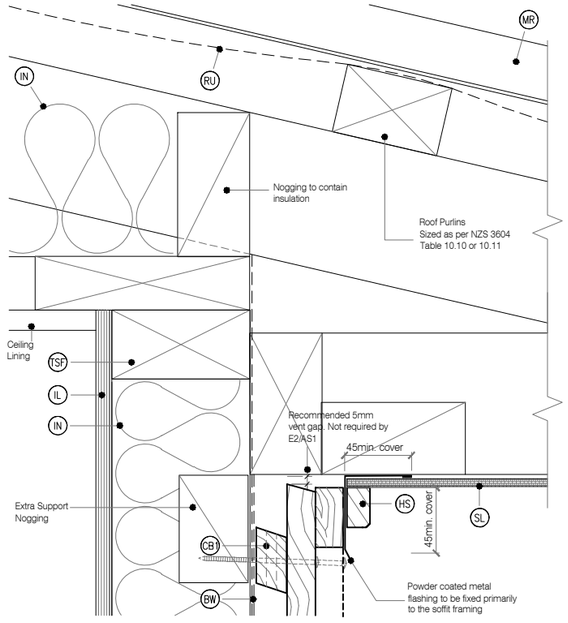
C23 BB81 APRON FLASHING ROOF TO WALL JUNCTION
Cavity Fix - Board & Batten System
SCALE 1:2 @ A1, 1:4 @ A3

LEGEND:

- AF — 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
- BW — BUILDING WRAP: Flexible Wall Underlay, As per NZBC E2/AS1 - Table 23, In extra high wind zones, Ridgid 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.
- CC — CAVITY CLOSURE: Cavity closure strip, positioned to give a 15mm Min drip edge to cladding
- IL — INTERNAL LINING: Selected Internal Lining
- IN — INSULATION: Selected Insulation
- HS — HEAD SOFFIT SCRIBER: JSC 27 mm x 40 mm Fix with 75 x 3.15mm 316 S.S nail in 2.5mm predrilled hole
- MR — METAL ROOFING : Selected Metal Roofing
- SL — SOFFIT LINING: JSC Soffit Lining
- TSF — TIMBER OR LIGHTWEIGHT STEEL FRAME: Compliant with NZBC and designed in accordance with NZS3604:2011 or NASH Design Standard 2019
- TP — TIMBER PACKER: Cant Strip, H3.2 Treated at 300crs to allow ventilation over the top of the wall.
- RU — ROOFING UNDERLAY: Selected Roofing Underlay As Per AS/AZS4200 with Mesh or Self Supported
- VBC — VERTICAL BOARD: Selected JSC Board Profile
- VBA — WEATHERBOARD: Selected JSC Board & Batten Weatherboard

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.



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

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

CAD REF : JSC 20CF BB80~86 ~ GENERAL DETAILS 04.dwg

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CodeMark CMNZ30083

TYPE
BOARD & BATTEN WB - 20MM CAVITY FIX FLEXIBLE UNDERLAY

NAME
GENERAL DETAILS 04

- TO BE READ IN CONJUNCTION WITH COMPLETE JSC SYSTEM LITERATURE
- DETAILS MAY BE SUBJECT CHANGE WITHOUT NOTICE

DRAWING SCALE	ISSUE DATE
1:2 @ A1 1:4 @ A3	24/02/2025
DRAWING NUMBER	**VERSION**
JSC 20CF BB86	2.5