SITE DRAWINGS

JSC BOARD & BATTEN Weatherboards Flexible Underlay 20mm Cavity Fix

ISSUE: 24/02/2025 | VERSION: 2.5





Board & Batten WB - 20MM CAVITY FIX

COVER SHEET

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



DRAWING SCALE 1:2 @ A4

ISSUE DATE 24/02/2025

DRAWING NUMBER JSC 20CF BB01



ISSUE: 24/02/2025 | VERSION: 2.5

Sheet Number	Sheet Title		
JSC 20CF BB01	COVER SHEET		
JSC 20CF BB02	A4 INDEX		
JSC 20CF BB03	A4 NOTES		
WINDOW DETAILS - Aluminium Joinery			
JSC 20CF BB10	Window Head Detail		
JSC 20CF BB11	Window Sill Detail		
JSC 20CF BB12	Window Jamb Detail		
JSC 20CF BB13	Window Flashing Details		
DOOR DETAILS - Alumi	inium Joinery		
JSC 20CF BB20	Door Head Detail		
JSC 20CF BB21	Door Sill Detail		
JSC 20CF BB22	Door Jamb Detail		
JSC 20CF BB23	Door Flashing Detail		
METER BOX DETAILS			
JSC 20CF BB30	Meter Box Head Detail		
JSC 20CF BB31	Meter Box Sill Detail		
JSC 20CF BB32	Meter Box Jamb Detail		
JSC 20CF BB33	Meter Box Flashing Detail		
GENERAL DETAILS 01			
JSC 20CF BB40	Weatherboard Fixing Detail		
JSC 20CF BB41	Weatherboard Scarf Joint		
JSC 20CF BB42	Base of Wall, Concrete		
JSC 20CF BB43	Base of Wall, Timber		
JSC 20CF BB44	Pipe Penetration		
JSC 20CF BB45	3D- Pipe Penetration		
GENERAL DETAILS 02			
JSC 20CF BB60	Internal Corner		
JSC 20CF BB61	3D - Internal Corner		
JSC 20CF BB62	External Corner		
JSC 20CF BB63	3D - External Corner		
GENERAL DETAILS 03			
JSC 20CF BB70	Base of Wall, Membrane Roof		
JSC 20CF BB71	Parapet Saddle Flashing - STAGE ONE		
JSC 20CF BB72	Parapet Saddle Flashing - STAGE TWO		
JSC 20CF BB73	Parapet Saddle Flashing - STAGE THREE		
JSC 20CF BB74	Typical Parapet - Capping Joint Details		
JSC 20CF BB75	Parapet Section to Membrane Roof		
GENERAL DETAILS 04			
JSC 20CF BB80	Drained Inter Storey Joint		
JSC 20CF BB81	Apron Flashing Roof To Wall Junction		
JSC 20CF BB82	Soffit Detail at Wall		
JSC 20CF BB83	Soffit Detail at Fascia		
JSC 20CF BB84	Parapet Detail		



TYPE

Board & Batten WB - 20MM CAVITY FIX

NAME **INDEX**

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



DRAWING SCALE 1:2 @ A4

ISSUE DATE 24/02/2025

DRAWING NUMBER JSC 20CF BB02

GENERAL NOTES

ISSUE: 12/02/2024 | VERSION: 2.4

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 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 to make up a completed A1/A3 drawings make it easier it easier to import into the project plan.

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 CMNZ30083.
- Details are subject to change without notification and only the current version is compliant.
- Refer to www.isc.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			
Radiata Pine / Nordic 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			
THERMOPINE	316 Stainless Steel or Silicon Bronze annular grooved nails			



TYPE Board & Batten WB - 20MM CAVITY FIX



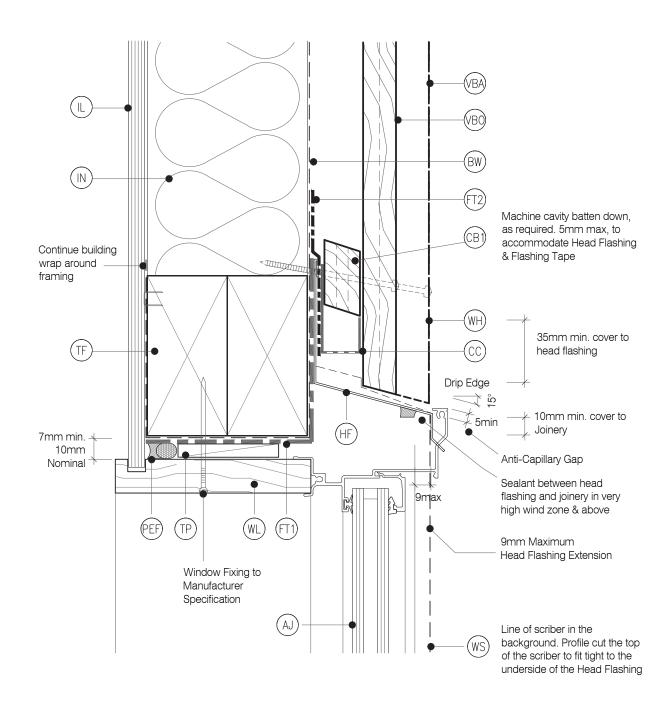
DRAWING SCALE 1:2 @ A4	188UE 24/02	DATE /2025
DRAWING NUMBER		VERSION
JSC 20CF BB03		2.5

- ALUMINIUM JOINERY: Selected double glazed aluminium joinery. To E2/AS1 9.1.10

 BUILDING WRAP: Flexible Wall Underlay, As per
- 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)
- (CB) CAVITY BATTEN NON STRUCTURAL :
 Horizontally installed JSC-U 45mm x 20mm
 Radiata Pline H3.2 treated, both face castellated
 and 18' bevelled edges.
- (B2) 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.
- edges. Site machined to allow for flashing.

 CAVITY CLOSURE: Cavity closure strip, positioned to give a 15mm min. drip edge to cladding
- FLASHING TAPE: Flashing tape over wrap 70mm (50 min) turn-down required in corners only. Refer to Fig. 72 of NZBC E2/AS1
- FLEXIBLE FLASHING TAPE: Flexible flashing tape lapped over aluminium head flashing or 2nd layer of Building Wrap, taped joint to top of timber frame
- 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)
- (TF) TIMBER FRAME: H1.2 min treated timber framing
- (TP) TIMBER PACKER: Tan H3.2 Treated Packer

- VBO VERTICAL BOARD: Selected JSC Board Profile
- (VBA) VERTICAL BATTEN: Selected JSC Batten Profile
- (WL) WINDOW LINER: As Specified
- WHATHERHEAD: (OPTIONAL) Selected JSC Horizontal batten above meter box as necessary to suit profile, shaped to shed water, sealant to back of head scriber
- WINDOW SCRIBER: Sealant to back of scriber and 75 x 3.15mm 316 Stainless Steel nail in 3mm predrilled hole.
- WZNZ SUPPORT: Provide window support as required by joinery manufacturer





TYPE

BOARD & BATTEN WB - 20MM CAVITY FIX

NAME

Window Head Detail

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

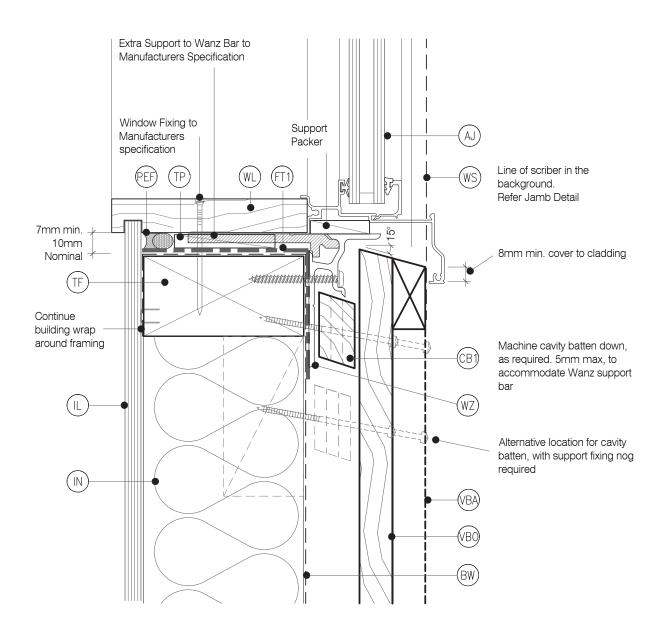
CodeMark ::

DRAWING SCALE 1:2 @ A4 12/02/2024

DRAWING NUMBER
JSC 20CF BB10

- ALUMINIUM JOINERY: Selected double glazed aluminium joinery. To E2/AS1 9.1.10 BUILDING WRAP: Flexible Wall Underlay, As per
- (BW) NZBC E2/AS1 - Table 23, In extra high wind zones, Rigid Underlay required (9.1.7.2 E2/AS1)
- CAVITY BATTEN NON STRUCTURAL : Horizontally installed JSC-U 45mm x 20mm Radiata Pine H3.2 treated, both face castellated (CB) and 18° bevelled edges.
- CAVITY BATTEN NON STRUCTURAL: Vertically installed JSC-U 45mm x 20mm Radiata Pine H3.2 (CB2) treated, both face castellated and 18° bevelled edges. Site machined to allow for flashing.
- 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
- FLEXIBLE FLASHING TAPE: Flexible flashing tape lapped over aluminium head flashing or 2nd layer of Building Wrap, taped joint to top of timber frame
- HEAD FLASHING: Aluminium head flashing with (HF) minimum 15 degree fall, optional hemmed edges as per table 7 E2/AS1
- INTERNAL LINING: Selected Internal Lining
- (IN) INSULATION: Selected Insulation
- PEF ROD BACKING: Foam backing rod with (PEF) sealant to cavity in Window perimeter that forms a waterproof air-seal. (Sealant 2:1 Ratio)
- (TF) TIMBER FRAME: H1.2 min treated timber framing
- (TP) TIMBER PACKER: Tan H3.2 Treated Packer

- (VBO) VERTICAL BOARD: Selected JSC Board Profile
- (VBA) VERTICAL BATTEN: Selected JSC Batten Profile
- (WL) WINDOW LINER: As Specified
- WEATHERHEAD: (OPTIONAL) Selected JSC Horizontal batten above meter box as necessary to suit profile, shaped to shed water, sealant to back of head scriber
- WINDOW SCRIBER: Sealant to back of scriber and $75 \times 3.15 \text{mm}$ 316 Stainless Steel nail in 3mm predrilled hole
- WANZ SUPPORT: Provide window support as required by joinery manufacturer





BOARD & BATTEN WB - 20MM CAVITY FIX

Window Sill Detail

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

CodeMark®

DRAWING SCALE 1:2 @ A4

ISSUE DATE 12/02/2024

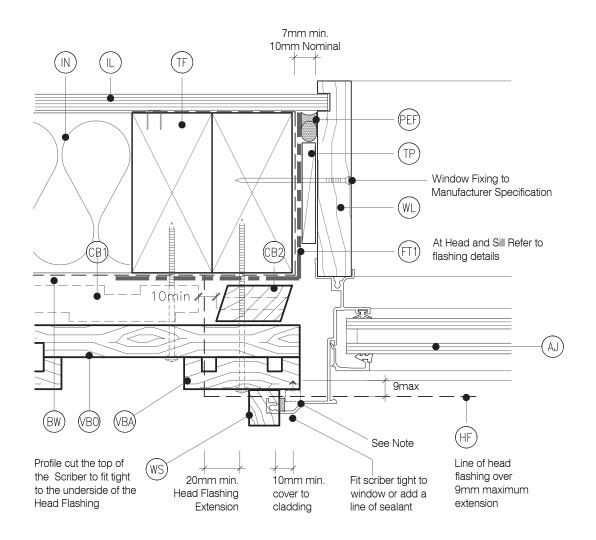
DRAWING NUMBER JSC 20CF BB11

- ALUMINIUM JOINERY: Selected double glazed aluminium joinery. To E2/AS1 9.1.10

 BUILDING WRAP: Flexible Wall Underlay, As per
- BW DILLDING 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) CAVITY BATTEN NON STRUCTURAL:
 Horizontally installed JSC-U 45mm x 20mm
 Radiata Pine H3.2 treated, both face castellated
 and 18° bevelled edges.
- (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.
- edges. Site machined to allow for flashing.

 CAVITY CLOSURE: Cavity closure strip, positioned to give a 15mm min. drip edge to cladding
 - FLASHING TAPE: Flashing tape over wrap 70mm (50 min) turn-down required in corners only. Refer to Fig. 72 of NZBC E2/AS1
- F12) FLEXIBLE FLASHING TAPE: Flexible flashing tape lapped over aluminium head flashing or 2nd layer of Building Wrap, taped joint to top of timber frame
- 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
- (N) 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)
- TF) TIMBER FRAME: H1.2 min treated timber framing
- (TP) TIMBER PACKER: Tan H3.2 Treated Packer

- VB0 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
- 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



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 bond breaker foam seal between



TYPE

BOARD & BATTEN WB - 20MM CAVITY FIX

NAME

Window Jamb Detail

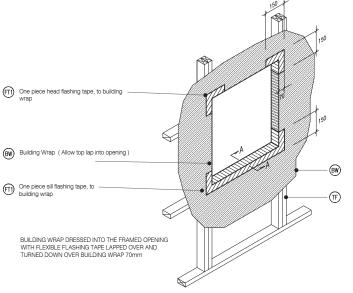
TO BE READ IN CONJUNCTION WITH COMPLETE JSC BOARD & BATTEN SYSTEM LITERATURE
 DETAILS MAY BE SUBJECT CHANGE WITHOUT NOTICE

CodeMark CANCERNIS

DRAWING SCALE 1:2 @ A4

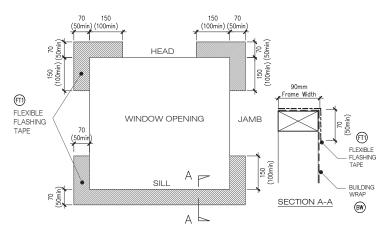
12/02/2024

DRAWING NUMBER
JSC 20CF BB12



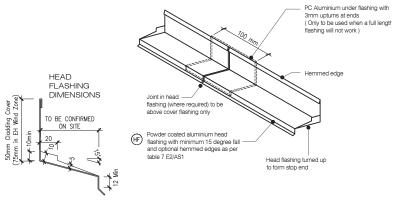
W4 TYPICAL WINDOW OPENING (FLASHING TAPE)

BB13 SCALE: N.T.S



FLEXIBLE BUILDING WRAP AT OPENING

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



ONE PIECE PC ALUMINIUM HEAD FLASHING 15° SLOPE WITH 10mm min COVER TO JOINERY EXTEND 30mm min EITHER SIDE OF JOINERY WITH STOP ENDS

W6 TYPICAL HEAD & FLASHING JOINT SCALE: 1 / 2 @ A1, 1 / 4 @ A3



TYPE

BOARD & BATTEN WB - 20MM CAVITY FIX

NAME

Window Flashing Details

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



DRAWING SCALE 1:2 @ A4

12/02/2024

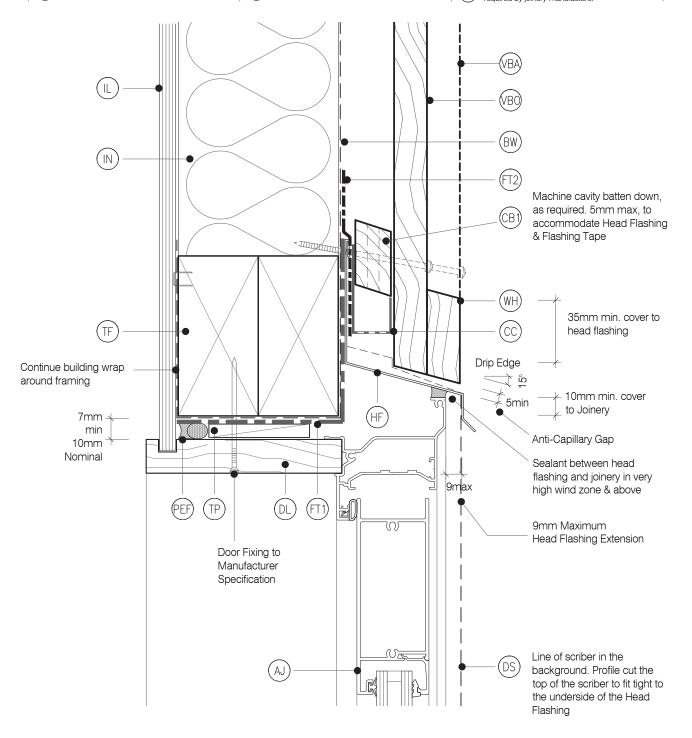
DRAWING NUMBER
JSC 20CF BB13

- AJ ALUMINIUM JOINERY: Selected double glazed aluminium joinery. To E2/AS1 9.1.10

 BUILDING WRAP: Flexible Wall Underlay, As per
- 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)
- CAVITY BATTEN NON STRUCTURAL:
 Horizontally installed JSC-U 45mm x 20mm
 Radiata Pine H3.2 treated, both face castellated
 and 18" bevelled edges.
- (B2) 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

- DOOR SCRIBER: Sealant to back of scriber and 75 x 3.15mm 316 Stainless Steel nail in 3mm predrilled hole.
- FLASHING TAPE: Flashing tape over wrap 70mm (50 min) turn-down required in corners only. Refer to Fig. 72 of NZBC E2/AS1
- FLEXIBLE FLASHING TAPE: Flexible flashing tape lapped over aluminium head flashing or 2nd layer of Building Wrap, taped joint to top of timber frame
- 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)
- TF) TIMBER FRAME: H1.2 min treated timber framing
- (TP) TIMBER PACKER: Tan H3.2 Treated Packer
- (VBO) 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





TYPE

BOARD & BATTEN WB - 20MM CAVITY FIX

NAME

Door Head Detail

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

CodeMark®

DRAWING SCALE 1:2 @ A4 12/02/2024

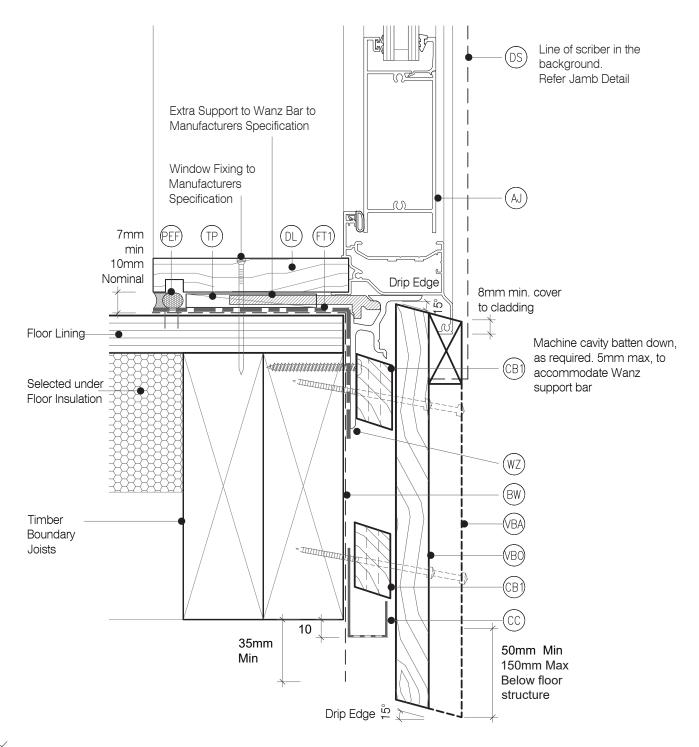
DRAWING NUMBER
JSC 20CF BB20

- ALUMINIUM JOINERY: Selected double glazed aluminium joinery. To E2/AS1 9.1.10

 BUILDING WRAP: Flexible Wall Underlay, As per
- 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) CAVITY BATTEN NON STRUCTURAL: Horizontally installed JSC-U 45mm x 20mm Radiata Pine H3.2 treated, both face castellated and 18' bevelled edges.
- (B2) 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
 - 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
- 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)
- (TF) TIMBER FRAME: H1.2 min treated timber framing
- (TP) TIMBER PACKER: Tan H3.2 Treated Packer
- (VBO) VERTICAL BOARD: Selected JSC Board Profile
- (VBA) VERTICAL BATTEN: Selected JSC Batten Profile
- WHATHERHEAD: (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





TYPE

BOARD & BATTEN WB - 20MM CAVITY FIX

NAME

Door Sill Detail

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

CodeMark®

DRAWING SCALE 1:2 @ A4 12/02/2024

DRAWING NUMBER
JSC 20CF BB21

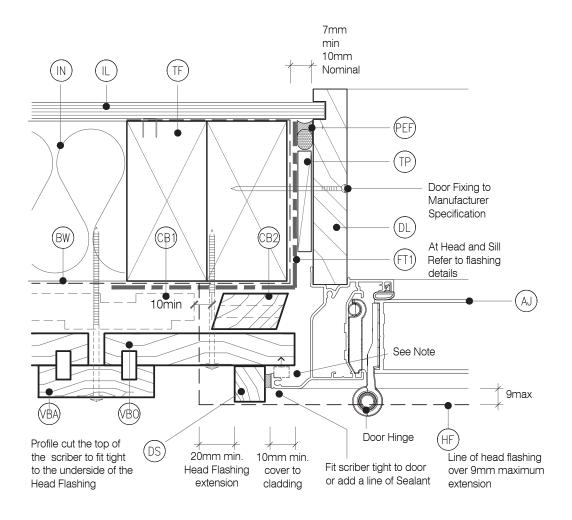
- ALUMINIUM JOINERY: Selected double glazed aluminium joinery. To E2/AS1 9.1.10

 BUILDING WRAP: Flexible Wall Underlay, As per
- 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)
- (CB) CAVITY BATTEN NON STRUCTURAL:
 Horizontally installed JSC-U 45mm x 20mm
 Radiata Pine H3.2 treated, both face castellated
 and 18° bevelled edges.
- (B2) 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.
- edges. Site machined to allow for flashing.

 CAVITY CLOSURE: Cavity closure strip, positioned to give a 15mm Min drip edge to cladding
 - 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
- FLEXIBLE FLASHING TAPE: Flexible flashing tape lapped over aluminium head flashing or 2nd layer of Building Wrap, taped joint to top of timber frame
- 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)
- (TF) TIMBER FRAME: H1.2 min treated timber framing
- (TP) TIMBER PACKER: Tan H3.2 Treated Packer
- VBO VERTICAL BOARD: Selected JSC Board Profile
- (VBA) VERTICAL BATTEN: Selected JSC Batten Profile
- WHATHERHEAD: (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



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 bond breaker foam seal between



TYPE

BOARD & BATTEN WB - 20MM CAVITY FIX

NAME

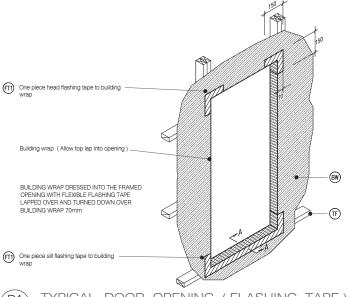
Door Jamb Detail

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

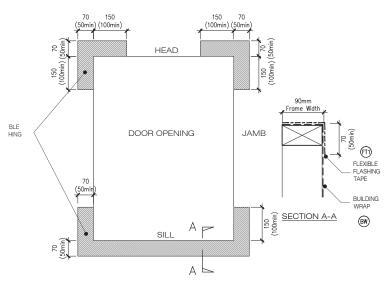
CodeMark®

DRAWING SCALE 1:2 @ A4 12/02/2024

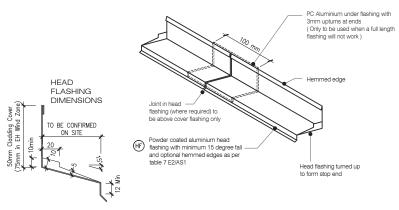
DRAWING NUMBER
JSC 20CF BB22



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



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



ONE PIECE PC ALUMINIUM HEAD FLASHING 15° SLOPE WITH 10mm minimum COVER TO JOINERY EXTEND 30mm min EITHER SIDE OF JOINERY WITH STOP ENDS

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



TYPE

Door Flashing Detail

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



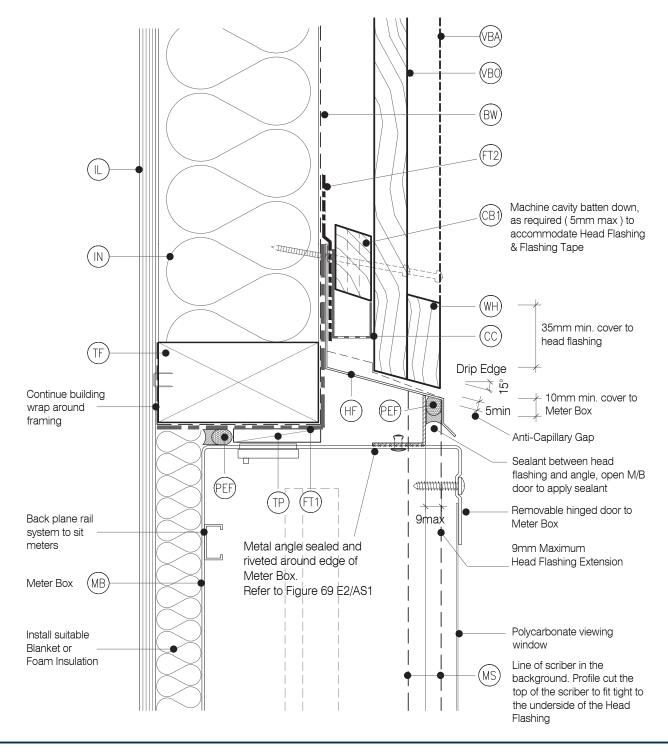
DRAV	VING	SCALE
1:2	@	A4

ISSUE DATE 12/02/2024

DRAWING NUMBER JSC 20CF BB23 VERSION 2.4

BOARD & BATTEN WB - 20MM CAVITY FIX

- 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) CAVITY BATTEN NON STRUCTURAL : Horizontally installed JSC-U 45mm x 20mm Radiata Pine H3.2 treated, both face castellated and 18° bevelled edges.
- (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.
- CC CAVITY CLOSURE: Cavity closure strip, positioned to give a 15mm minimum drip edge to cladding
- FLASHING TAPE: Flashing tape over wrap 70mm (50 min) turn-down required in corners only. Refer to Fig. 72 of NZBC E2/AS1
- FLEXIBLE FLASHING TAPE: Flexible flashing tape lapped over aluminium head flashing or 2nd layer of Building Wrap, taped joint to top of timber frame
- HEAD FLASHING: Aluminium head flashing with minimum 15 degree fall, optional hemmed edges as per table 7 E2/AS1
- 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)
- 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.
- TF) TIMBER FRAME: H1.2 min treated timber framing
- TP TIMBER PACKER: Tan H3.2 Treated Packer
- (VBO) VERTICAL BOARD: Selected JSC Board Profile
- (VBA) VERTICAL BATTEN: Selected JSC Batten Profile
- (WL) WINDOW LINER: As Specified
- WHATHERHEAD: (OPTIONAL) Selected JSC Horizontal batten above meter box as necessary to suit profile, shaped to shed water, sealant to back of head scriber





TYPE BOARD & BATTEN WB - 20MM CAVITY FIX

NAME

Meter Box Head Detail

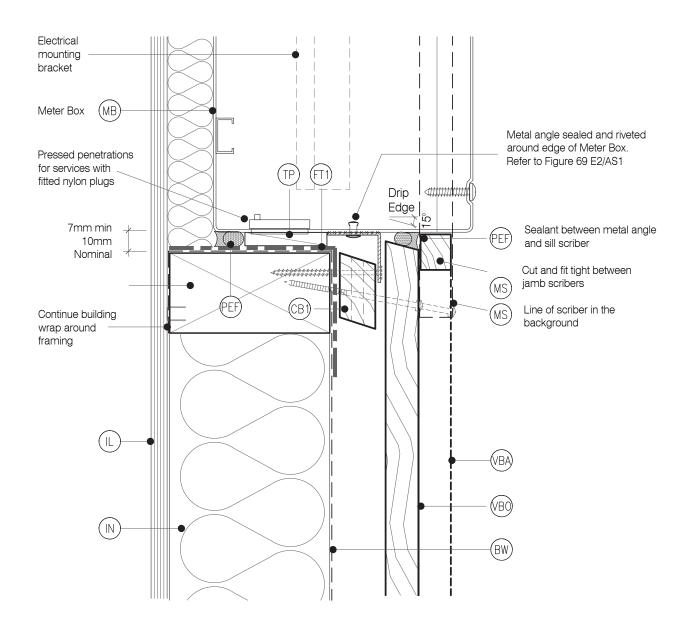
TO BE READ IN CONJUNCTION WITH COMPLETE JSC BOARD & BATTEN SYSTEM LITERATURE
 DETAILS MAY BE SUBJECT CHANGE WITHOUT NOTICE

CodeMark®

DRAWING SCALE 1:2 @ A4 12/02/2024

DRAWING NUMBER
JSC 20CF BB30

- 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) CAVITY BATTEN NON STRUCTURAL : Horizontally installed JSC-U 45mm x 20mm Radiata Pine H3.2 treated, both face castellated and 18° bevelled edges.
- (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.
- CC CAVITY CLOSURE: Cavity closure strip, positioned to give a 15mm minimum drip edge to cladding
- FLASHING TAPE: Flashing tape over wrap 70mm (50 min) turn-down required in corners only. Refer to Fig. 72 of NZBC E2/AS1
- FLEXIBLE FLASHING TAPE: Flexible flashing tape lapped over aluminium head flashing or 2nd layer of Building Wrap, taped joint to top of timber frame
 - HEAD FLASHING: Aluminium head flashing with minimum 15 degree fall, optional hemmed edges as per table 7 E2/AS1
- 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)
- 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.
- TIMBER FRAME: H1.2 min treated timber framing
- TP TIMBER PACKER: Tan H3.2 Treated Packer
- (VBO) VERTICAL BOARD: Selected JSC Board Profile
- (VBA) VERTICAL BATTEN: Selected JSC Batten Profile
- (WL) WINDOW LINER: As Specified
- WHATHERHEAD: (OPTIONAL) Selected JSC Horizontal batten above meter box as necessary to suit profile, shaped to shed water, sealant to back of head scriber





TYPE

BOARD & BATTEN WB - 20MM CAVITY FIX

NAME

Meter Box Sill Detail

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

CodeMark OMCONS

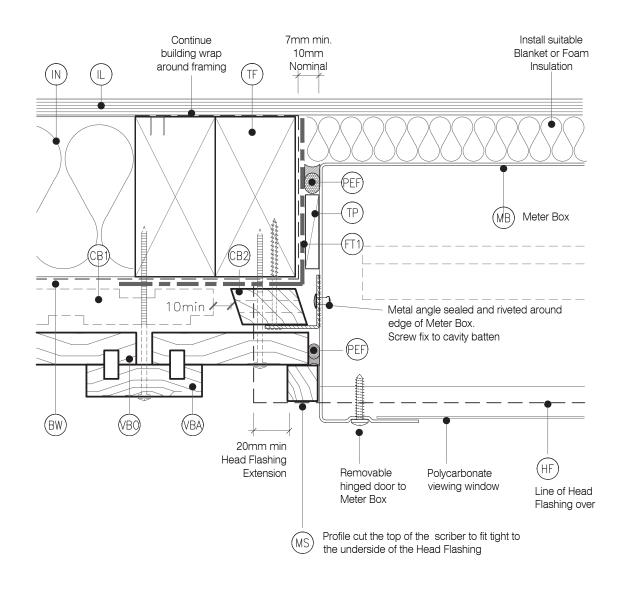
DRAWING SCALE 1:2 @ A4 12/02/2024

DRAWING NUMBER
JSC 20CF BB31

- 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) 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 minimum drip edge to cladding
- FLASHING TAPE: Flashing tape over wrap 70mm (50 min) turn-down required in corners only. Refer to Fig. 72 of NZBC E2/AS1
- F12 FLEXIBLE FLASHING TAPE: Flexible flashing tape lapped over aluminium head flashing or 2nd layer of Building Wrap, taped joint to top of timber frame
- HEAD FLASHING: Aluminium head flashing with minimum 15 degree fall, optional hemmed edges as per table 7 E2/AS1
- 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)
- 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.
- TF) TIMBER FRAME: H1.2 min treated timber framing
- TIMBER PACKER: Tan H3.2 Treated Packer
- (VBO) VERTICAL BOARD: Selected JSC Board Profile
- (VBA) VERTICAL BATTEN: Selected JSC Batten Profile
- (WL) WINDOW LINER: As Specified

back of head scriber

WEATHERHEAD: (OPTIONAL) Selected JSC Horizontal batten above meter box as necessary to suit profile, shaped to shed water, sealant to





TYPE

BOARD & BATTEN WB - 20MM CAVITY FIX

NAME

Meter Box Jamb Detail

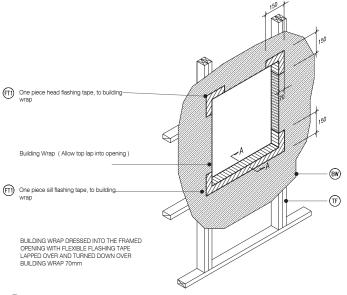
TO BE READ IN CONJUNCTION WITH COMPLETE JSC BOARD & BATTEN SYSTEM LITERATURE
 DETAILS MAY BE SUBJECT CHANGE WITHOUT NOTICE

CodeMark ::

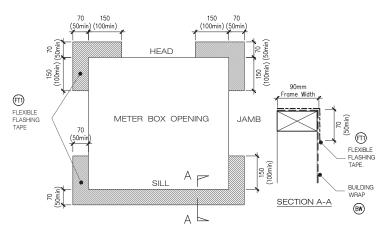
1:2 @ A4

12/02/2024

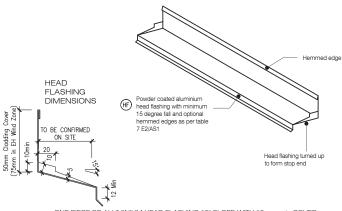
DRAWING NUMBER
JSC 20CF BB32



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



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



ONE PIECE PC ALUMINIUM HEAD FLASHING 15° SLOPE WITH 10mm min COVER TO JOINERY EXTEND 30mm min EITHER SIDE OF JOINERY WITH STOP ENDS

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



TYPE

BOARD & BATTEN WB - 20MM CAVITY FIX

NAME

Meter Box Flashing Detail

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

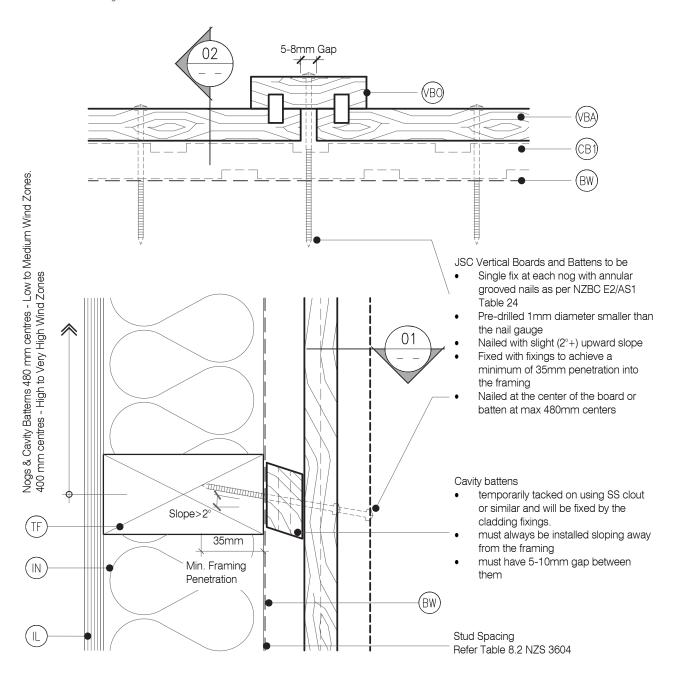


1:2 @ A4

12/02/2024

DRAWING NUMBER
JSC 20CF BB33

- BACK FLASHING: Minimum 100mm
 Polypropylene or PVC rear flashing to provide
 50mm cover past the scarf joint on each side
- 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) 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
- FLEXIBLE FLASHING TAPE: Flexible flashing tape lapped into comer, 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
- (TF) TIMBER FRAME: H1.2 min treated timber framing
- VBO VERTICAL BOARD: Selected JSC Board Profile
- VBA VERTICAL BATTEN: Selected JSC Batten Profile





TYPE

BOARD & BATTEN WB - 20MM CAVITY FIX

NAME

Weatherboard Fixing Detail

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

CodeMark ::

DRAWING NUMBER VERSION

DRAWING NUMBER VERSION
JSC 20CF BB40 2.4

BACK FLASHING: Minimum 100mm Polypropylene or PVC rear flashing to provide (BF) 50mm cover past the scarf joint on each side



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)



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



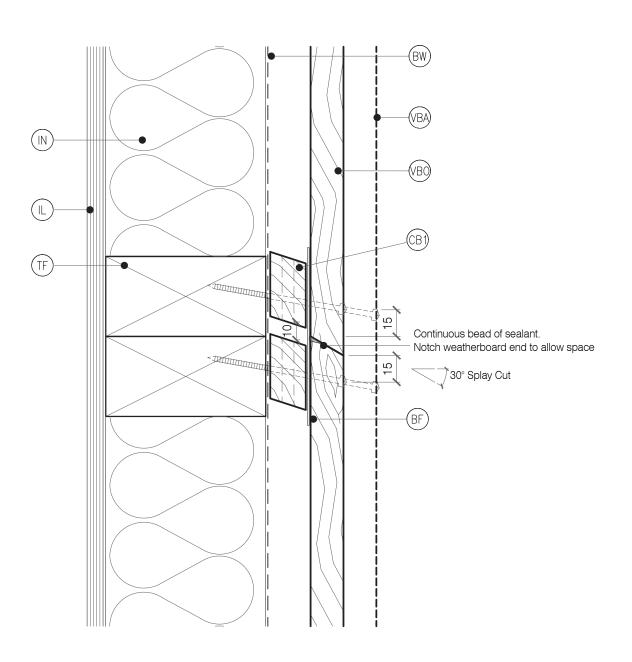
INTERNAL LINING: Selected Internal Lining

(IN) INSULATION: Selected Insulation

(TF) TIMBER FRAME: H1.2 min treated timber framing

(VBO) VERTICAL BOARD: Selected JSC Board Profile

VERTICAL BATTEN: Selected JSC Batten Profile







TYPE

BOARD & BATTEN WB - 20MM CAVITY FIX

Weatherboard Scarf Joint

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

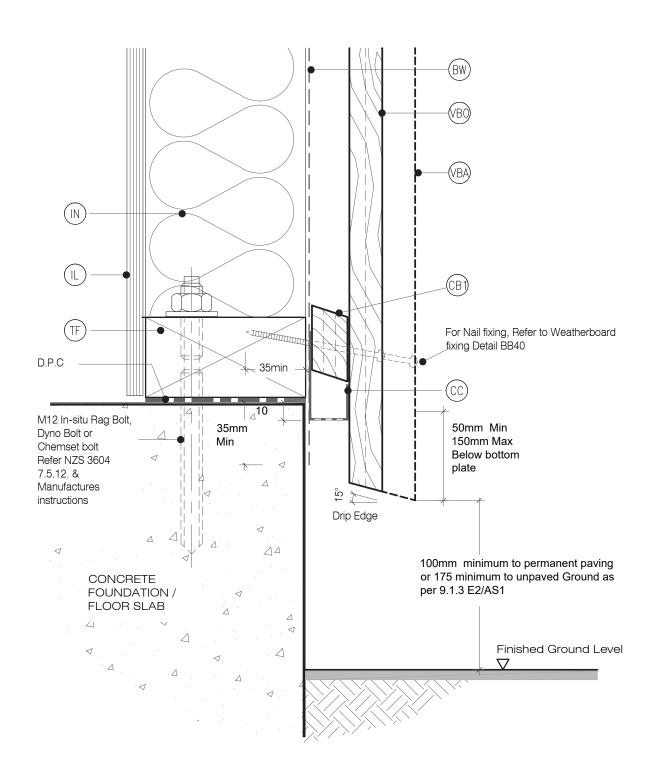
CodeMark®

DRAWING SCALE 1:2 @ A4

ISSUE DATE 12/02/2024

DRAWING NUMBER JSC 20CF BB41

- BACK FLASHING: Minimum 100mm
 Polypropylene or PVC rear flashing to provide
 50mm cover past the scarf joint on each side
- 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) 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
- 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
- (TF) TIMBER FRAME: H1.2 min treated timber framing
- VBO VERTICAL BOARD: Selected JSC Board Profile
- VBA) VERTICAL BATTEN: Selected JSC Batten Profile





TYPE

BOARD & BATTEN WB - 20MM CAVITY FIX

NAME

Base of Wall, Concrete

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

CodeMark®

DRAWING SCALE 1:2 @ A4 12/02/2024

DRAWING NUMBER
JSC 20CF BB42

BACK FLASHING: Minimum 100mm Polypropylene or PVC rear flashing to provide 50mm cover past the scarf joint on each side



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)



CAVITY BATTEN - NON STRUCTURAL Horizontally installed JSC-U 45mm x 20mm Radiata Pine H3.2 treated, both face castellated and 18° bevelled edges.





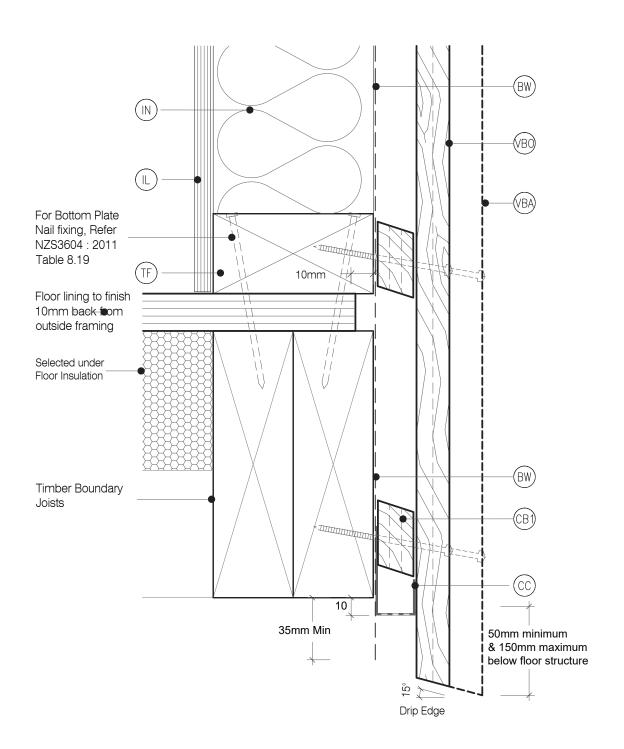
INTERNAL LINING: Selected Internal Lining

(IN) INSULATION: Selected Insulation

TIMBER FRAME: H1.2 min treated timber framing (TF)

VERTICAL BOARD: Selected JSC Board Profile

VERTICAL BATTEN: Selected JSC Batten Profile





TYPE

BOARD & BATTEN WB - 20MM CAVITY FIX

Base of Wall, Timber

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



DRAWING SCALE	ISSUE DATE	
1:2 @ A4	12/02/2024	
DDAWING NUMBER	VEDGION	

DRAWING NUMBER JSC 20CF BB43

BACK FLASHING: Minimum 100mm Polypropylene or PVC rear flashing to provide 50mm cover past the scarf joint on each side



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)



CAVITY BATTEN - NON STRUCTURAL Horizontally installed JSC-U 45mm x 20mm Radiata Pine H3.2 treated, both face castellated and 18° bevelled edges. CAVITY CLOSURE: Cavity closure strip, positioned to give a 15mm minimum drip edge to cladding

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

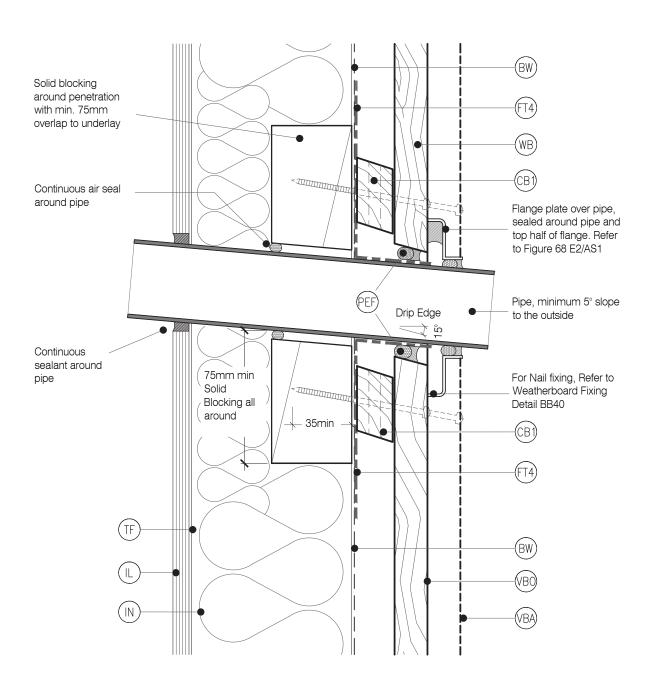
INTERNAL LINING: Selected Internal Lining

(IN) INSULATION: Selected Insulation

(TF) TIMBER FRAME: H1.2 min treated timber framing

VERTICAL BOARD: Selected JSC Board Profile

VERTICAL BATTEN: Selected JSC Batten Profile





TYPE

BOARD & BATTEN WB - 20MM CAVITY FIX

Pipe Penetration

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



DRAWING SCALE 1:2 @ A4

ISSUE DATE 12/02/2024

DRAWING NUMBER JSC 20CF BB44

BACK FLASHING: Minimum 100mm
Polypropylene or PVC rear flashing to provide
50mm cover past the scarf joint on each side



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)



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

FLEXIBLE FLASHING TAPE: Flexible flashing tape lapped into comer, Refer NZBC E2/AS1 4.3.11 Flashing tape is recommended due to movement that may occur in comers. Not required by E2/AS1

IL INTERNAL LINING: Selected Internal Lining

(IN) INSULATION: Selected Insulation

(TF) TIMBER FRAME: H1.2 min treated timber framing

VERTICAL BOARD: Selected JSC Board Profile

VBA) VERTICAL BATTEN: Selected JSC Batten Profile

Solid blocking around

penetration with min. 75mm overlap to underlay Building wrap carefully cut to suit (BW) pipe Square of flexible flashing tape with a minimum of 100mm coverage around the outside of the pipe penetration. Place flexible bandage tape around pipe as per manufacturers instructions Support to each side of pipe (CB1) penetration 5° min. slope Pipe, minimum 5° slope to the outside





TYPE

BOARD & BATTEN WB - 20MM CAVITY FIX

NAME

3D- Pipe Penetration

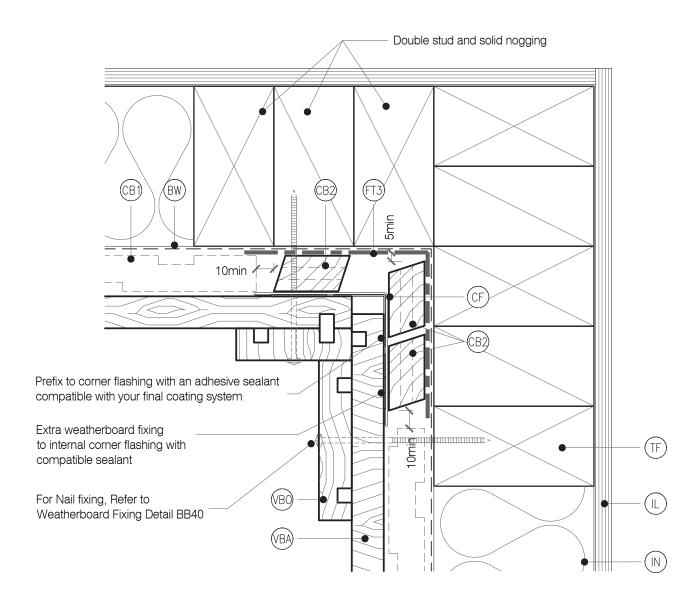
TO BE READ IN CONJUNCTION WITH COMPLETE JSC BOARD & BATTEN SYSTEM LITERATURE
 DETAILS MAY BE SUBJECT CHANGE WITHOUT NOTICE

CodeMark®

DRAWING SCALE 1:2 @ A4 12/02/2024

DRAWING NUMBER
JSC 20CF BB45

- 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
- BUILDING WRAP: Flexible Wall Underlay, As per (BW) NZBC E2/AS1 - Table 23, In extra high wind zones, Ridgid Underlay required (9.1.7.2 E2/AS1)
 - CAVITY BATTEN NON STRUCTURAL Horizontally installed JSC-U 45mm x 20mm
 Radiata Pine H3.2 treated, both face castellated and 18° bevelled edges.
- CAVITY CLOSURE: Cavity closure strip, positioned (cc)to give a 15mm Min drip edge to cladding
- (IL)INTERNAL LINING: Selected Internal Lining
- (IN)INSULATION: Selected Insulation
- HEAD SOFFIT SCRIBER: JSC 27 mm x 40 mm Fix with 75 x 3.15mm 316 S.S nail in 2.5mm (HS) predrilled hole
 - METAL ROOFING : Selected Metal Roofing
- (SL) SOFFIT LINING: JSC Soffit Lining
- (TF) TIMBER FRAME: H1.2 min treated timber framing
- (TP) TIMBER PACKER: Cant Strip, H3.2 Treated at 300crs to allow ventilation over the top of the wall.
- ROOFING UNDERLAY: Selected Roofing Underlay As Per AS/AZS4200 with Mesh or Self Supported
- (VBO) VERTICAL BOARD: Selected JSC Board Profile
- WEATHERBOARD: Selected JSC Board & Batten (VBA)



DETAIL NOTES:

- 1. Flashing tape is recommended due to movement that may occur in corners but it is not required by E2/AS1
- 2. Aluminium extrusion must not be continuous over solid floor joists.



TYPE BOARD & BATTEN WB - 20MM CAVITY FIX

Internal Corner

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

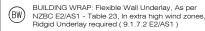
CodeMark®

DRAWING SCALE 1:2 @ A4

ISSUE DATE 12/02/2024

DRAWING NUMBER JSC 20CF BB60

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



CAVITY BATTEN - NON STRUCTURAL : Horizontally installed JSC-U 45mm x 20mm Radiata Pine H3.2 treated, both face castellated and 18° bevelled edges.

CAVITY CLOSURE: Cavity closure strip, positioned (cc)to give a 15mm Min drip edge to cladding

(IL)INTERNAL LINING: Selected Internal Lining

(IN)INSULATION: Selected Insulation

HEAD SOFFIT SCRIBER: JSC 27 mm x 40 mm Fix with 75 x 3.15mm 316 S.S nail in 2.5mm (HS) predrilled hole

METAL ROOFING : Selected Metal Roofing

(SL) SOFFIT LINING: JSC Soffit Lining

(TF) TIMBER FRAME: H1.2 min treated timber framing

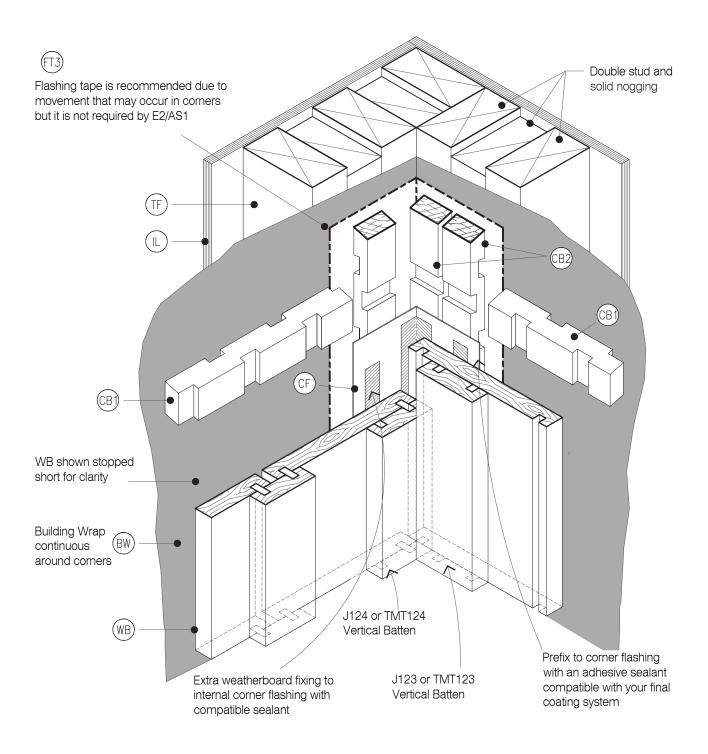
TIMBER PACKER: Cant Strip, H3.2 Treated at 300crs to allow ventilation over the top of the wall. (TP)

ROOFING UNDERLAY: Selected Roofing Underlay

As Per AS/AZS4200 with Mesh or Self Supported

(VBO) VERTICAL BOARD: Selected JSC Board Profile

WEATHERBOARD: Selected JSC Board & Batten (VBA) Weatherboard





TYPE

BOARD & BATTEN WB - 20MM CAVITY FIX

3D - Internal Corner

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

CodeMark ::

DRAWING SCALE 1:2 @ A4

ISSUE DATE 12/02/2024

DRAWING NUMBER JSC 20CF BB61

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



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

METAL ROOFING : Selected Metal Roofing

(SL) SOFFIT LINING: JSC Soffit Lining

(TF) TIMBER FRAME: H1.2 min treated timber framing

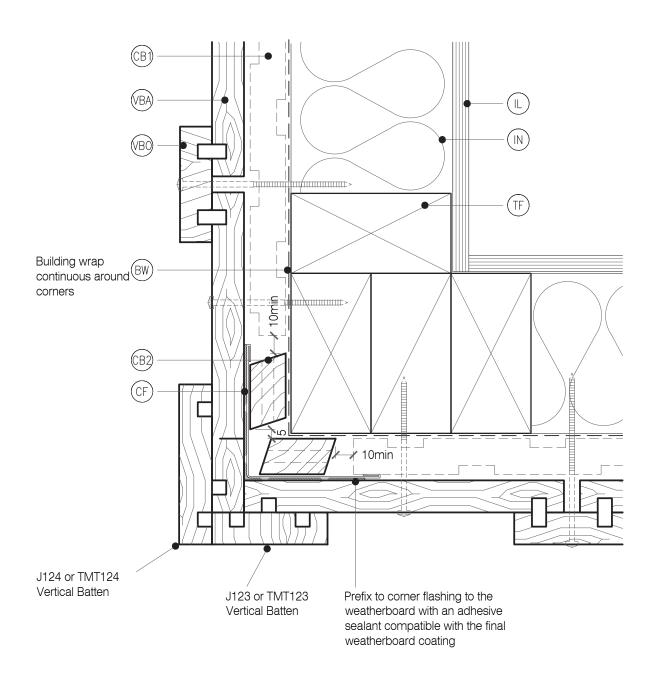
TP TIMBER PACKER: Cant Strip, H3.2 Treated at 300crs to allow ventilation over the top of the wall.

ROOFING UNDERLAY: Selected Roofing Underlay As Per AS/AZS4200 with Mesh or Self Supported

As Per AS/AZS4200 with Mesh or Self Supporte

VENTICAL BOARD: Selected JSC Board Profile

WEATHERBOARD: Selected JSC Board & Batten Weatherboard



JSC PREMIUM ARCHITECTURAL

t al

TYPE

BOARD & BATTEN WB - 20MM CAVITY FIX

NAME

External Corner

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

CodeMark

DRAWING SCALE 1:2 @ A4 12/02/2024

DRAWING NUMBER
JSC 20CF BB62

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 \geq 10°) All others 200mm Refer Table 7 E2/AS1

BUILDING WRAP: Flexible Wall Underlay, As per (BW) NZBC E2/AS1 - Table 23, In extra high wind zones, Ridgid Underlay required (9.1.7.2 E2/AS1)

> CAVITY BATTEN - NON STRUCTURAL : Horizontally installed JSC-U 45mm x 20mm Radiata Pine H3.2 treated, both face castellated and 18° bevelled edges.

CAVITY CLOSURE: Cavity closure strip, positioned (cc)to give a 15mm Min drip edge to cladding

(IL)INTERNAL LINING: Selected Internal Lining

(IN)INSULATION: Selected Insulation

HEAD SOFFIT SCRIBER: JSC 27 mm x 40 mm Fix with 75 x 3.15mm 316 S.S nail in 2.5mm (HS) predrilled hole

METAL ROOFING : Selected Metal Roofing

(SL) SOFFIT LINING: JSC Soffit Lining

(TF) TIMBER FRAME: H1.2 min treated timber framing

(TP) TIMBER PACKER: Cant Strip, H3.2 Treated at 300crs to allow ventilation over the top of the wall.

ROOFING UNDERLAY: Selected Roofing Underlay

As Per AS/AZS4200 with Mesh or Self Supported

(VBO) VERTICAL BOARD: Selected JSC Board Profile

WEATHERBOARD: Selected JSC Board & Batten (VBA) Weatherboard

TF (CB1) (CB) WB shown (BW) stopped short for clarity 0 CB2 **Building wrap** ontinuous (BW) round corners (VBO) (VBA) J123 or TMT123 J124 or TMT124 Vertical Batten Vertical Batten



TYPE

BOARD & BATTEN WB - 20MM CAVITY FIX

3D - External Corner

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

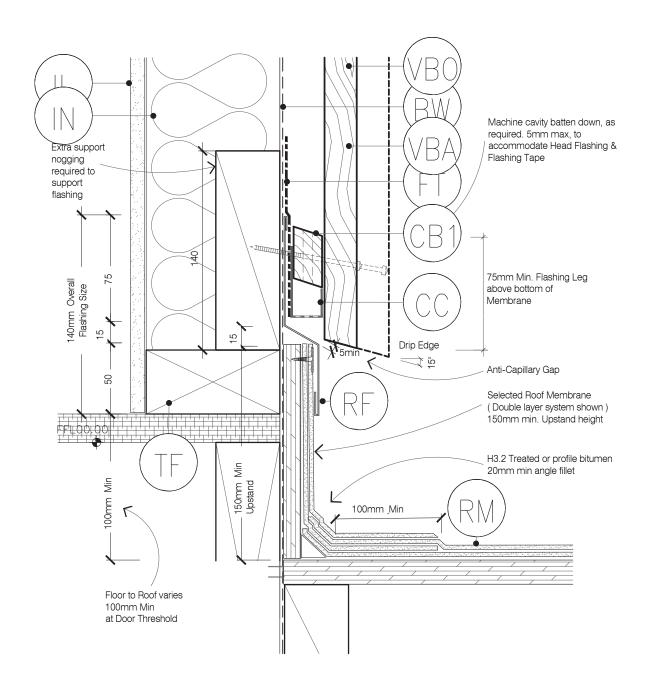
CodeMark®

DRAWING SCALE 1:2 @ A4

ISSUE DATE 12/02/2024

DRAWING NUMBER JSC 20CF BB63

- 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) CAVITY BATTEN NON STRUCTURAL : Horizontally installed JSC-U 45mm x 20mm Radiata Pine H3.2 treated, both face castellated and 18" bevelled edges.
- (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.
- 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
 - NTERNAL LINING: Selected Internal Lining
- (IN) INSULATION: Selected Insulation
- 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
- 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
- (TF) TIMBER FRAME: H1.2 min treated timber framing
- (VBO) VERTICAL BOARD: Selected JSC Board Profile
- (VBA) VERTICAL BATTEN: Selected JSC Batten Profile





TYPE

BOARD & BATTEN WB - 20MM CAVITY FIX

NAME

Base of Wall, Membrane Roof

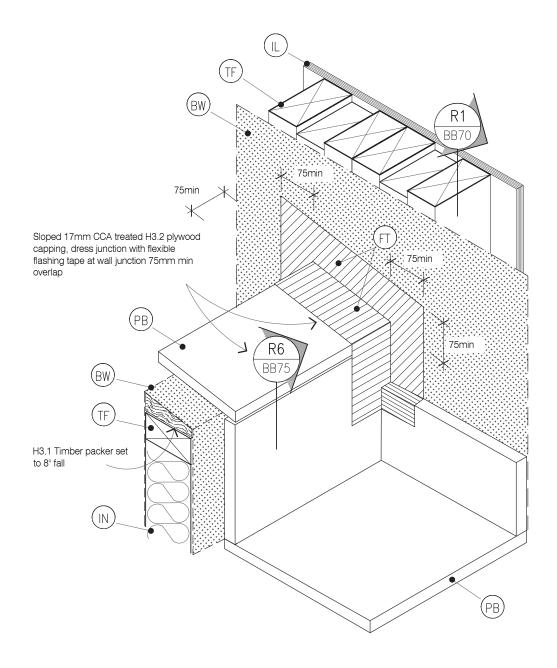
TO BE READ IN CONJUNCTION WITH COMPLETE JSC BOARD & BATTEN SYSTEM LITERATURE
 DETAILS MAY BE SUBJECT CHANGE WITHOUT NOTICE

CodeMark®

DRAWING SCALE 1:2.5 @ A4 12/02/2024

DRAWING NUMBER
JSC 20CF BB70

- 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) CAVITY BATTEN NON STRUCTURAL : Horizontally installed JSC-U 45mm x 20mm Radiata Pine H3.2 treated, both face castellated and 18" bevelled edges.
- (B2) 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
 -) INTERNAL LINING: Selected Internal Lining
- (IN) INSULATION: Selected Insulation
 - 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
- 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
- (TF) TIMBER FRAME: H1.2 min treated timber framing
- (VBO) VERTICAL BOARD: Selected JSC Board Profile
 - VERTICAL BATTEN: Selected JSC Batten Profile



STAGE ONE



TYPE

BOARD & BATTEN WB - 20MM CAVITY FIX

NAME

Parapet Saddle Flashing - STAGE ONE

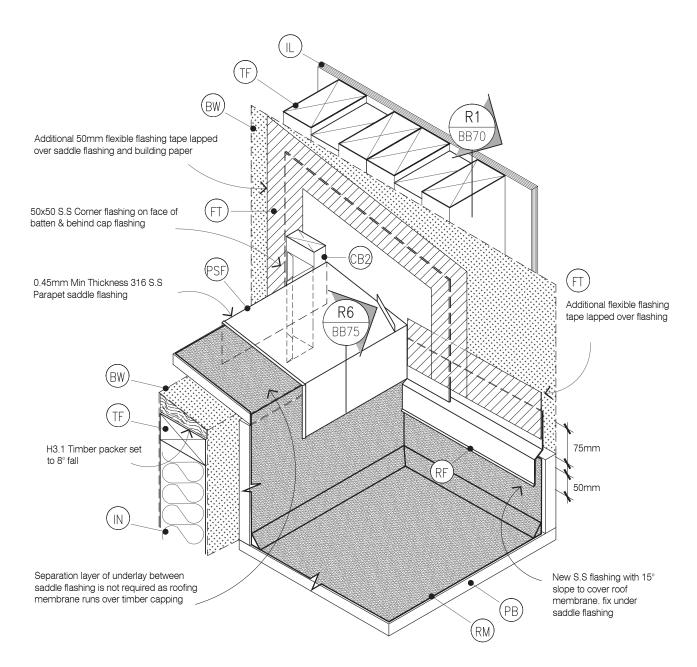
TO BE READ IN CONJUNCTION WITH COMPLETE JSC BOARD & BATTEN SYSTEM LITERATURE
 DETAILS MAY BE SUBJECT CHANGE WITHOUT NOTICE



DRAWING SCALE 1:2.5 @ A4 12/02/2024

JSC 20CF BB71

- 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)
- (B) CAVITY BATTEN NON STRUCTURAL : Horizontally installed JSC-U 45mm x 20mm Radiata Pine H3.2 treated, both face castellated and 18" bevelled edges.
- (B2) 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.
 - 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
 - (L) INTERNAL LINING: Selected Internal Lining
- (IN) INSULATION: Selected Insulation
 - 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
- 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
- (TF) TIMBER FRAME: H1.2 min treated timber framing
- VBO VERTICAL BOARD: Selected JSC Board Profile
 - VERTICAL BATTEN: Selected JSC Batten Profile



STAGE TWO



TYPE

BOARD & BATTEN WB - 20MM CAVITY FIX

NAME

Parapet Saddle Flashing - STAGE TWO

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

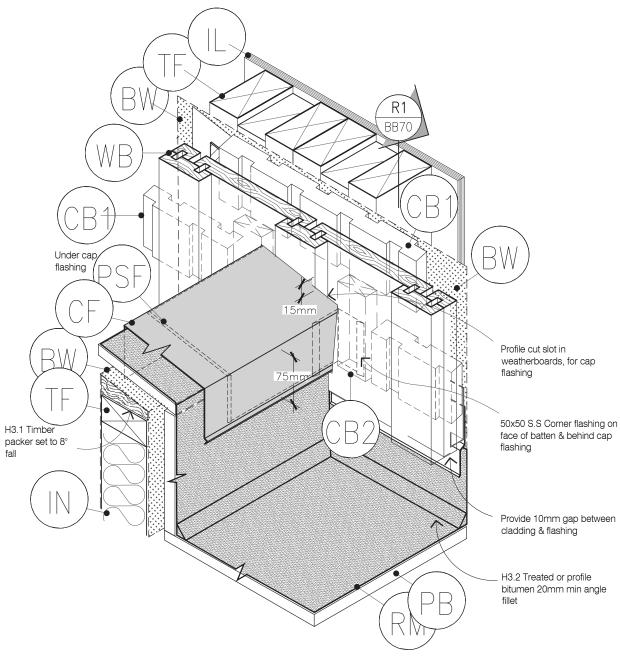


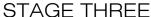
DRAWING SCALE 1:2.5 @ A4

12/02/2024

DRAWING NUMBER
JSC 20CF BB72

- 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) CAVITY BATTEN NON STRUCTURAL : Horizontally installed JSC-U 45mm x 20mm Radiata Pine H3.2 treated, both face castellated and 18" bevelled edges.
- (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.
- 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
 - () INTERNAL LINING: Selected Internal Lining
- (IN) INSULATION: Selected Insulation
- 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
- 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
- (TF) TIMBER FRAME: H1.2 min treated timber framing
- VBO VERTICAL BOARD: Selected JSC Board Profile
 - VERTICAL BATTEN: Selected JSC Batten Profile







TYPE

BOARD & BATTEN WB - 20MM CAVITY FIX

NAME

Parapet Saddle Flashing - STAGE THREE

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

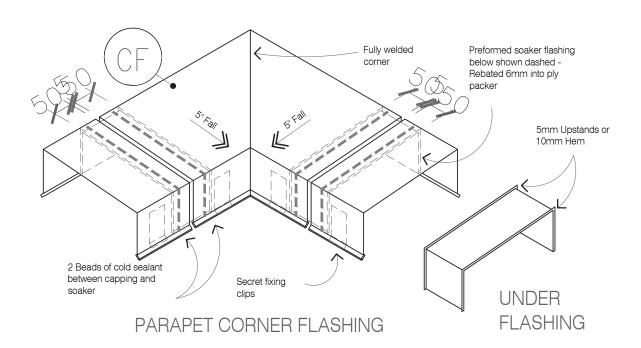
CodeMark®

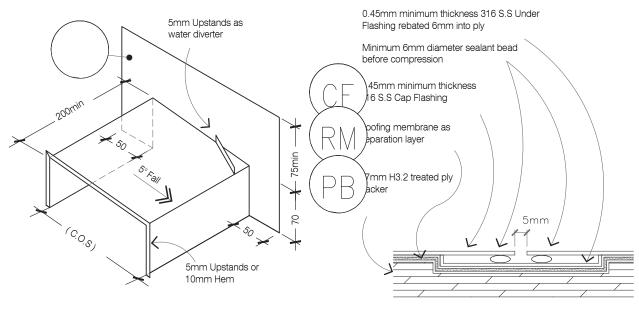
DRAWING SCALE 1:2.5 @ A4

01/04/2022

JSC 20CF BB73

- 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) CAVITY BATTEN NON STRUCTURAL : Horizontally installed JSC-U 45mm x 20mm Radiata Pine H3.2 treated, both face castellated and 18° bevelled edges.
- (B2) 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
 - (L) INTERNAL LINING: Selected Internal Lining
- (IN) INSULATION: Selected Insulation
 - 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
- 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
- (TF) TIMBER FRAME: H1.2 min treated timber framing
- (VBO) VERTICAL BOARD: Selected JSC Board Profile
- VBA) VERTICAL BATTEN: Selected JSC Batten Profile





SADDLE FLASHING

SECTION THROUGH SOAKER FLASHING



TYPE

BOARD & BATTEN WB - 20MM CAVITY FIX

NAME

Typical Parapet - Capping Joint Details

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

CodeMark

DRAWING SCALE 1:2.5 @ A4

12/02/2024

DRAWING NUMBER
JSC 20CF BB74

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) CAVITY BATTEN - NON STRUCTURAL : Horizontally installed JSC-U 45mm x 20mm Radiata Pine H3.2 treated, both face castellated and 18° bevelled edges.

(B2) 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.

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

() INTERNAL LINING: Selected Internal Lining

(IN) INSULATION: Selected Insulation

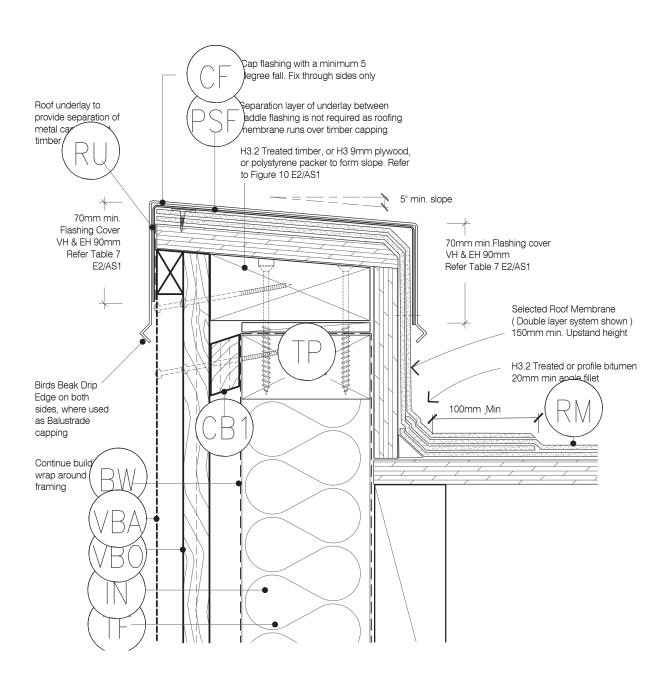
PARAPET SADDLE FLASHING: Materials as per E2/AS1 4.0, refer E2/AS1 Figure 11 & 12 . Typically 0.45mm Min 316 Stainless Steel. Refer Table 20 & Table 21 for Comparability of Materials in Contact PB PLYWOOD BACKING: 17mm CCA treated H3.2 grade plywood substrate

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

(TF) TIMBER FRAME: H1.2 min treated timber framing

(VBO) VERTICAL BOARD: Selected JSC Board Profile

VERTICAL BATTEN: Selected JSC Batten Profile





TYPE

BOARD & BATTEN WB - 20MM CAVITY FIX

NAME

Parapet Section to Membrane Roof

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

CodeMark

DRAWING SCALE 1:2.5 @ A4 12/02/2024

DRAWING NUMBER
JSC 20CF BB75

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)



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.

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: FLASHING TYPE L,M,H & VH EH Wind

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

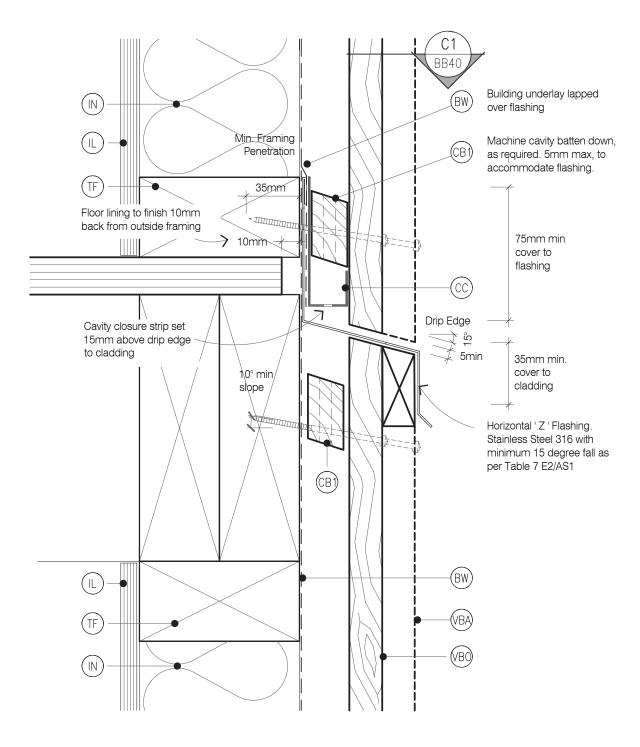
INTERNAL LINING: Selected Internal Lining

(IN) INSULATION: Selected Insulation

TF) TIMBER FRAME: H1.2 min treated timber framing

VBO VERTICAL BOARD: Selected JSC Board Profile

/BA) VERTICAL BATTEN: Selected JSC Batten Profile





TYPE

BOARD & BATTEN WB - 20MM CAVITY FIX

NAME

Drained Inter Storey Joint

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

CodeMark ::

DRAWING SCALE 1:2 @ A4

12/02/2024

DRAWING NUMBER
JSC 20CF BB80

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)



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.

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: FLASHING TYPE L,M,H & VH EH Wind

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

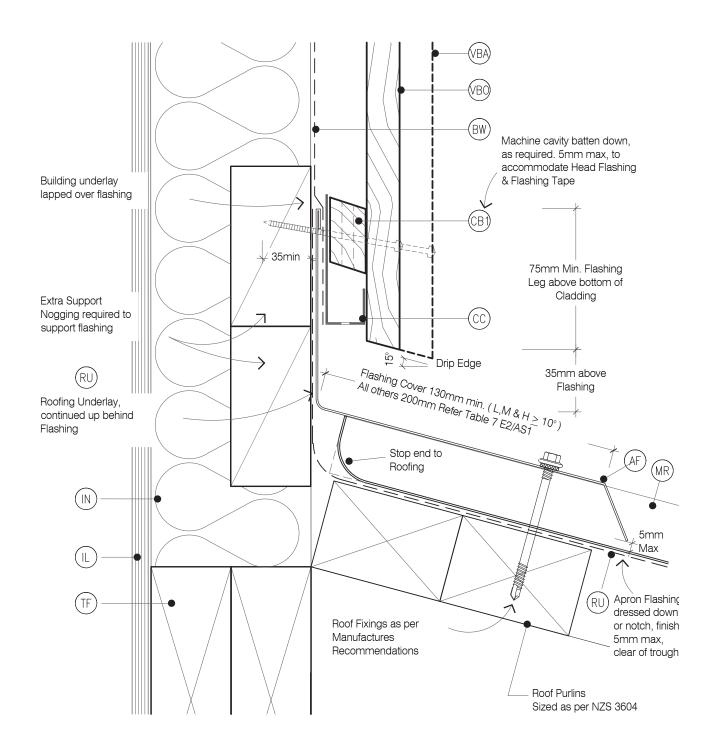
(IL) INTERNAL LINING: Selected Internal Lining

(IN) INSULATION: Selected Insulation

TF) TIMBER FRAME: H1.2 min treated timber framing

VBO VERTICAL BOARD: Selected JSC Board Profile

VBA) VERTICAL BATTEN: Selected JSC Batten Profile





TYPE

BOARD & BATTEN WB - 20MM CAVITY FIX

Apron Flashing Roof To Wall Junction

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

CodeMark

DRAWING SCALE 1:2 @ A4

12/02/2024

DRAWING NUMBER
JSC 20CF BB81

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)

CAVITY BATTEN - NON STRUCTURAL (CB) Horizontally installed JSC-U 45mm x 20mm Radiata Pine H3.2 treated, both face castellated and 18° bevelled edges.

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. 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: FLASHING TYPE

L,M,H & VH Zones 75X75 100x100 Wind Zones Hemmed Unhemmed 50X50 75x75

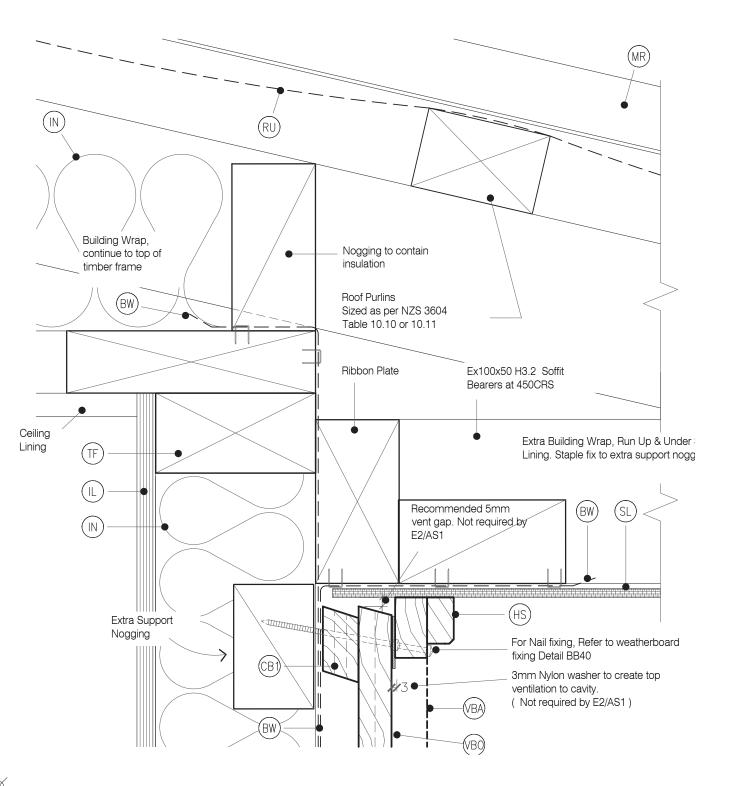
FLEXIBLE FLASHING TAPE: Flexible flashing tape lapped into corner, Refer NZBC E2/AS1 4.3.11
Flashing tape is recommended due to movement that may occur in corners. Not required by E2/AS1 INTERNAL LINING: Selected Internal Lining

(IN) INSULATION: Selected Insulation

TIMBER FRAME: H1.2 min treated timber framing

(VBO) VERTICAL BOARD: Selected JSC Board Profile

VERTICAL BATTEN: Selected JSC Batten Profile





TYPE

BOARD & BATTEN WB - 20MM CAVITY FIX

Soffit Detail at Wall

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

CodeMark®

DRAWING SCALE 1:2 @ A4

ISSUE DATE 12/02/2024

DRAWING NUMBER JSC 20CF BB82

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)

(CB) CAVITY BATTEN - NON STRUCTURAL:
Horizontally installed JSC-U 45mm x 20mm
Radiata Pine H3.2 treated, both face castellated
and 18° bevelled edges.

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.

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: FLASHING TYPE L,M,H & VH EH Wind

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

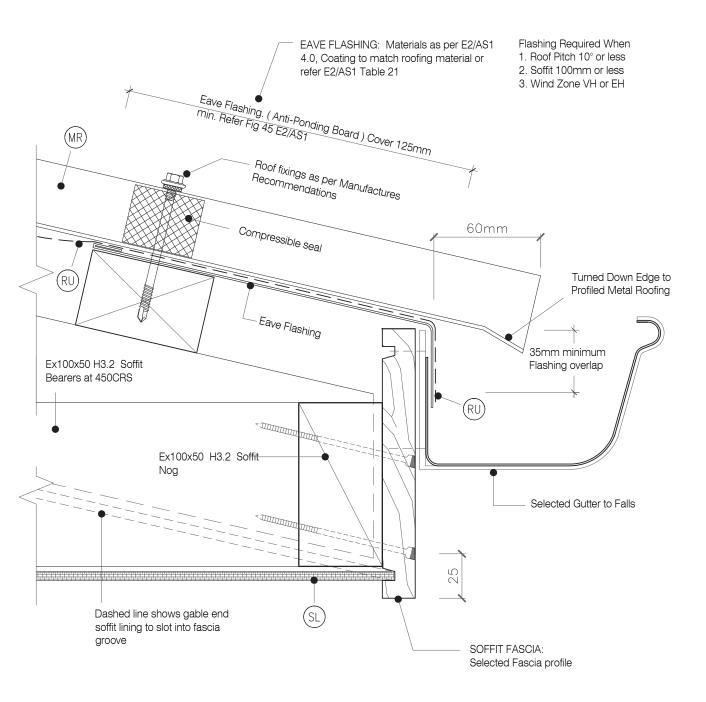
INTERNAL LINING: Selected Internal Lining

(IN) INSULATION: Selected Insulation

TF) TIMBER FRAME: H1.2 min treated timber framing

(VBO) VERTICAL BOARD: Selected JSC Board Profile

/BA) VERTICAL BATTEN: Selected JSC Batten Profile





TYPE

BOARD & BATTEN WB - 20MM CAVITY FIX

NAME

Soffit Detail at Fascia

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

CodeMark®

DRAWING SCALE 1:2 @ A4 12/02/2024

DRAWING NUMBER
JSC 20CF BB83

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)



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.

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: FLASHING TYPE L,M,H & VH EH Wind

 FLASHING TYPE
 L,M,H & VH Wind Zones
 EH Wind Zones

 Hemmed
 50X50
 75X75

 Unhemmed
 75x75
 100x100

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

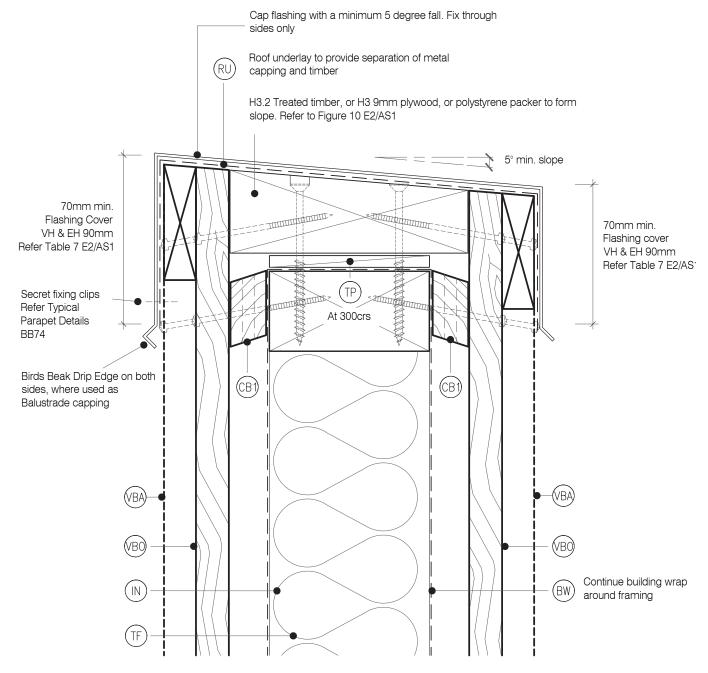
INTERNAL LINING: Selected Internal Lining

(IN) INSULATION: Selected Insulation

TF) TIMBER FRAME: H1.2 min treated timber framing

VBO VERTICAL BOARD: Selected JSC Board Profile

(VBA) VERTICAL BATTEN: Selected JSC Batten Profile





TYPE

BOARD & BATTEN WB - 20MM CAVITY FIX

NAME

Parapet Detail

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

CodeMark®

DRAWING SCALE 1:2 @ A4

12/02/2024

DRAWING NUMBER
JSC 20CF BB84

version 2.4

Detail