ARCHITECTURAL DRAWINGS

ISSUE : September . 2023 - FOR INFORMATION

SOUTHERN PINE PRODUCTS - H3.2 Treated Timber

Vertical Shiplap Weatherboard - Cavity Fix

General Notes :

This documentation has been specifically designed to help Architects, Designers & Builders. They are grouped into Two Sections

A3 / A1 ARCHITECTURAL DRAWINGS :
The details are grouped to make up completed A1 or A3 drawings.
eg WINDOW DETAILS (Head, Sill, Jamb & Flashing Details)

A4 SITE DRAWINGS :
The details in this section are full scale 1:2 at A4. You can easily read these drawings and are intended for the builder.

ARCHITECTS / DESIGNERS RESPONSIBILITY :
We have made the drawings as accurate as possible. We have even specified extra flashing's in some areas that are over and above the NZ Building Code E2/AS1 External Moisture. But it is the Architects / Designers responsibility to confirm the suitability of these details for his particular projects and his client. The Architect / Designer will need to determine the "RISK MATRIX" that is project-specific, which then determines the details required. Builders that have questions about these details, will need to contact their project-specific Architect or Designer

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TECHNICAL INFORMATION :

1. The AutoCAD drawings have all the Xref,s embedded as blocks.
Erase the title block and Xref in your title block.

2. These drawings have been KEY NOTED
This makes the details more readable, people then focus on the actual important notes on the drawing. This also allows for easer revisions. You only need to change one keynote reference. You will need to personalize these notes to make them specific to your project.

3. The Drawings are coloured and have pen assignments to the colours. a PGP file will be supplied in the Zip File. All the drawing output sheets are default set to print a PDF drawing. It is recommended that you print these detail in PDF then print your paper copies from the PDF File.

4. The AutoCAD drawings are made up of multiple details. The A1/A3 output drawings also link into the A4 Detail drawings. These A4 drawings have special scaled down notes and blocks. (Annotative Scale) But it is the exact same information

5. These drawings are Copyrighted to " SOUTHERN PINE PRODUCTS LIMITED" (ALL RIGHTS ASSERTED) and their Approved Clients. The Drawings have two methods of Electronic protection. You will receive your own personal password to open the drawings.

A3/A1 Architectural Details - INDEX

DIMENSIONAL STABILITY
Retains its shape better than untreated wood and therefore a perfect choice for demanding applications

ALL CLIMATES
Can be used both Indoors and outdoors in all climate conditions

WEATHER ENDURANCE
Durable and weather resistant,

NON TOXIC
Completely natural and toxic-free material

SUSTAINABLE FORESTRY
Raw material is grown sustainable

SPP SOUTHERN PINE

www.sppnz.co.nz

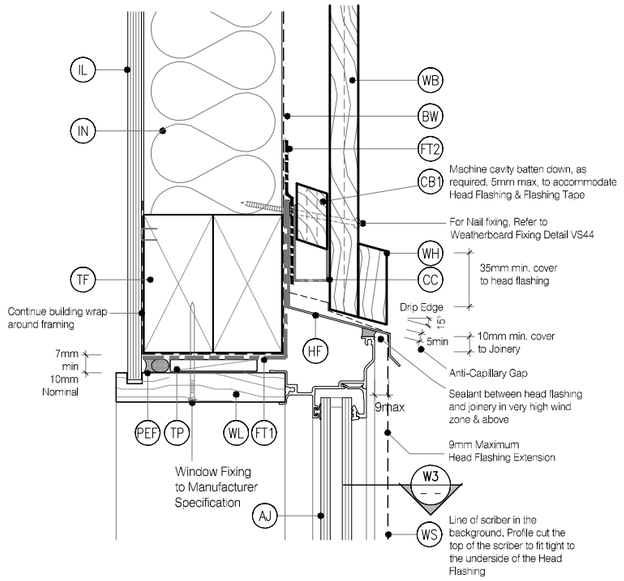
25 YEARS

CAD REF : SPP CF20 VS00 COVER SHEET.dwg
DATE : 02/11/2023

A.I.PdesigNZ
Architectural Design
Interior Design
Product Design

PO BOX 80169
GREEN BAY
AUCKLAND
p : 64 9 817 9911
m : 027 287 3602
w : AIPdesigNZ.com
e : AIPdesigNZ@xtra.co.nz

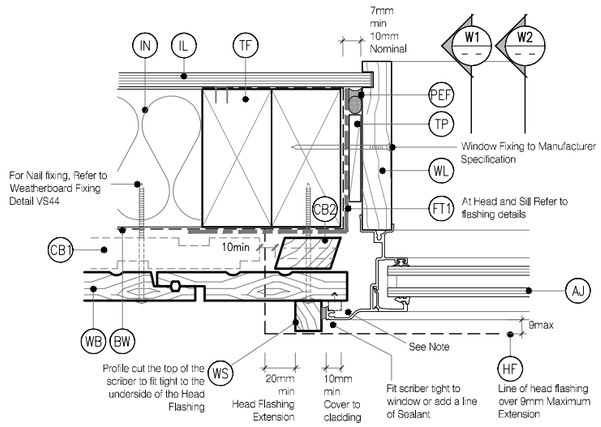
JOB # 23116



W1 VS10 — WINDOW HEAD - Vertical Shiplap WB

Cavity Fix - Aluminium Joinery - Double Glazing

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

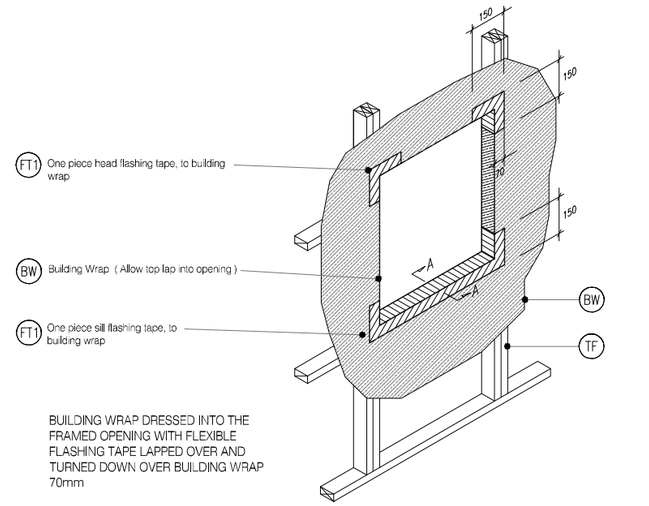


NOTE : No Scriber Option :
The Aluminium Joinery must sit hard against the back of the joinery flange and the timber weatherboards with a E.P.S Compressible bond breaker foam seal between

W3 VS12 — WINDOW JAMB - Vertical Shiplap WB

Cavity Fix - Aluminium Joinery - Double Glazing

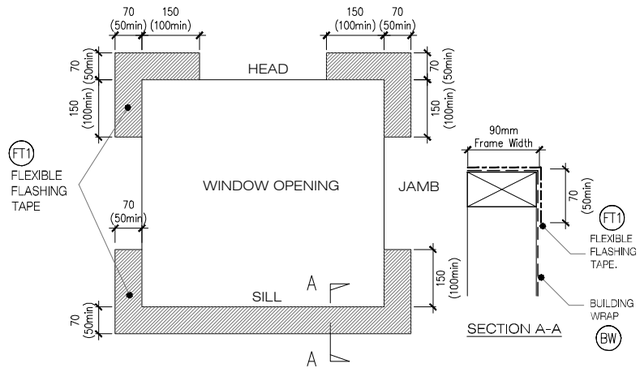
SCALE 1:2 @ A1, 1:4 @ A3



BUILDING WRAP DRESSED INTO THE FRAMED OPENING WITH FLEXIBLE FLASHING TAPE LAPPED OVER AND TURNED DOWN OVER BUILDING WRAP 70mm

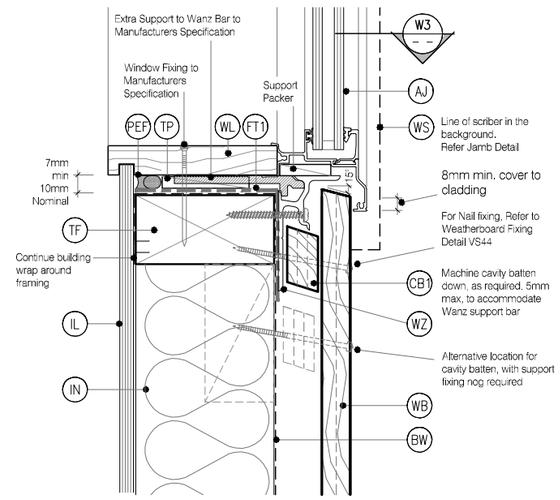
W4 VS13 — TYPICAL WINDOW OPENING (FLASHING TAPE)

SCALE : N.T.S



W5 VS13 — FLEXIBLE BUILDING WRAP AT OPENING

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



W2 VS11 — WINDOW SILL - Vertical Shiplap WB

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, Ridgid Underlay required (9.1.7.2 E2/AS1)
- CB1 — CAVITY BATTEN, HORIZONTAL - NON STRUCTURAL : 20mm x 45mm SP Radiata Pine H3.2, Castellated with a 18 degree bevelled slope. To form a 20mm cavity
- CB2 — CAVITY BATTEN, VERTICAL: 20mm x 45mm. To form a 20mm cavity. Standard H3.1 or castellated H3.2
- CB3 — CAVITY BATTEN, HORIZONTAL - STRUCTURALLY FIXED : 45mm x 45mm SP Radiata Pine, H3.2 70mm x 45mm SP Radiata Pine, H3.2 Castellated with a 18 degree bevelled slope. To form a 45mm cavity
- 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)
- TF — TIMBER FRAME: H1.2 min treated timber framing
- TP — TIMBER PACKER: Tan H3.2 Treated Packer
- WB — WEATHER BOARD: Southern Pine Vertical Shiplap Weatherboard. Profile to NZS 3617
- WL — WINDOW LINER: As Specified
- WH — WEATHERHEAD: (OPTIONAL) Southern Pine, Horizontal batten above window as necessary to suit profile, shaped to shed water, sealant to back of head scriber
- WS — WINDOW SCRIBER: Southern Pine SDA18 x 18, sealant to back of SDA 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. Southern Pine Products must be installed by a suitably qualified and experienced trade person. Where Restricted Building Work (RBW) is required, 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 75-150mm 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.

HOW TO DETERMINE THE TIMBER WEATHERBOARD STRUCTURE :

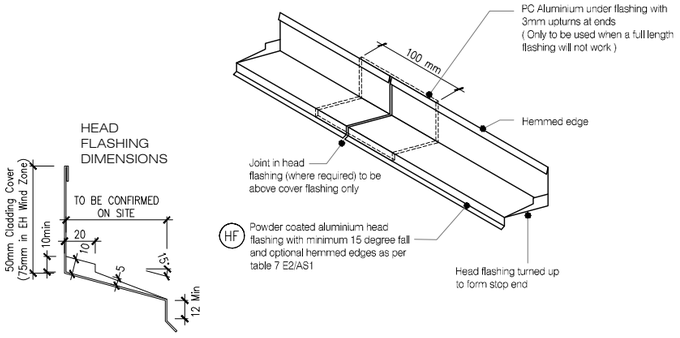
1. Establish the " RISK" (Section 3.1 & Figure 1 E2/AS1)
2. Definition of Risk Levels (Section 3.1.1 & Table 1 E2/AS1)
3. Building Envelope Risk Score (Section 3.1.2 & Table 2 E2/AS1)
   The RISK MATRIX defines the RISK SCORE
4. Suitable Wall Claddings (Table 3 E2/AS1)
5. The Architect / Designer are responsibility to confirm the RISK MATRIX, RISK SCORE & SUITABLE CLADDINGS

NOTES:
Claddings in Extra High Wind Zones require:
a. Rigid underlays to (Paragraph 9.1.7.2 E2/AS1)
b. Drained Cavities to (Paragraph 9.1.8 E2/AS1)
c. Hooks and Hems on flashing upstands and additional 25mm height to (Paragraph 4.6 E2/AS1)

6. FROM TABLE 3 E2/AS1

RISK SCORE	DIRECT FIX	20mm CAVITY FIX
0 - 6	Timber Weather Boards (All Types)	(Not Required)
7 - 12	Bevel Back Timber WB Vertical Timber Board & Batten	Rusticated WB
13 - 20	(Direct Fix NOT Allowed)	Rusticated WB B.B Timber WB
20 +	(Redesign or Specific Design)	

Table 3 E2/AS1 are the minimum requirements, For extra security, you can always upgrade to a higher specification.



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 VS13 — TYPICAL HEAD & FLASHING JOINT

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

CAD REF : SPP CF20 VS10-15 - WINDOW DETAILS.dwg
DATE : 31/10/2023

SPP SOUTHERN PINE

www.sppnz.co.nz

TYPE Southern Pine Products - H3.2 Treated Timber
Vertical Shiplap WB - Cavity Fix

NAME HEAD, SILL & JAMB - WINDOW DETAILS

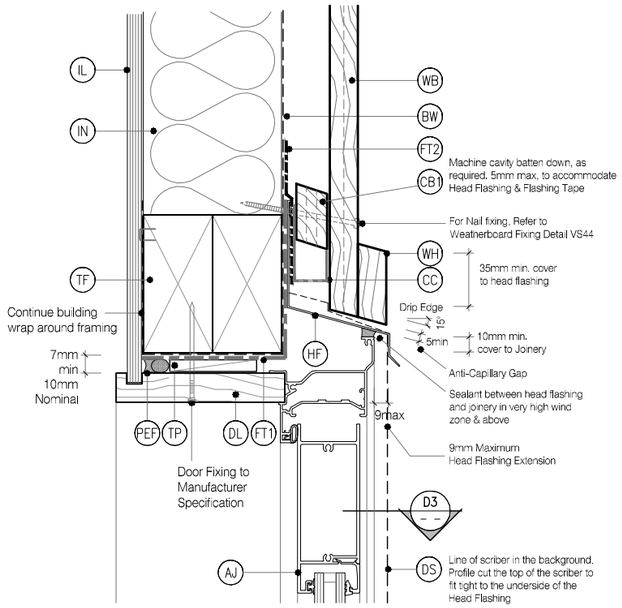
25 YEARS

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

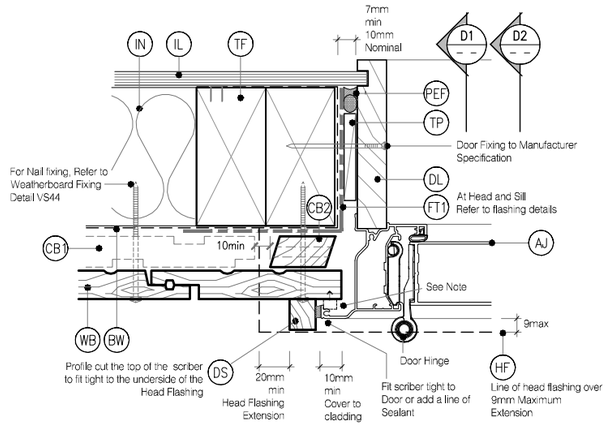
ISSUE DATE SEP 2023

DRAWING No SPP CF20 VS15

REVISION

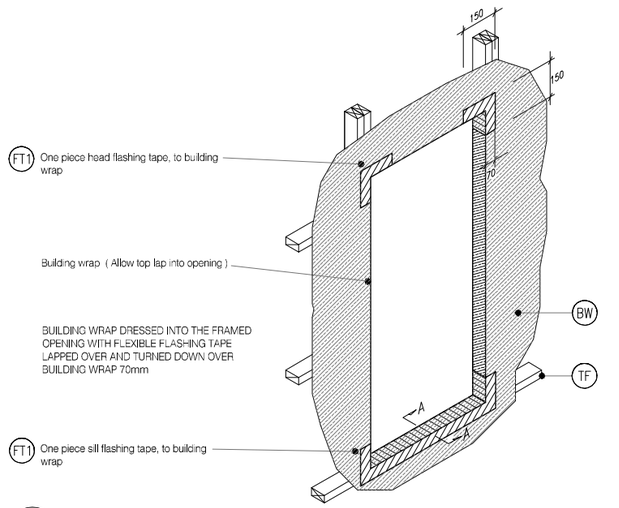


D1 VS20 — DOOR HEAD - Vertical Shiplap WB
Cavity Fix - Aluminium Joinery - Double Glazing
SCALE 1:2 @ A1, 1:4 @ A3

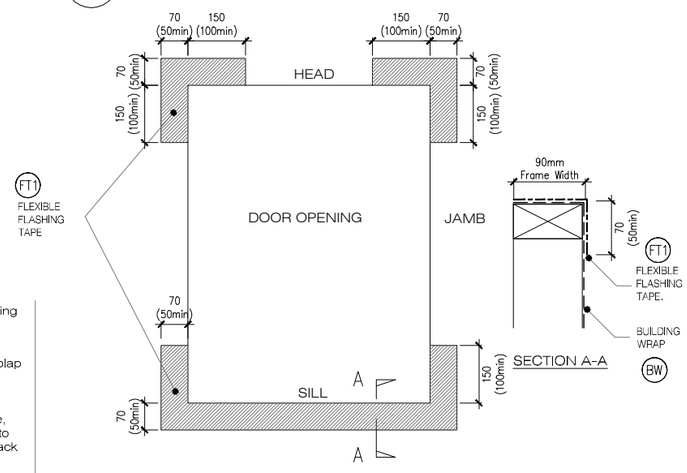


NOTE : No Scriber Option :
The Aluminium Joinery must sit hard against the back of the joinery flange and the timber weatherboards with a E.P.S Compressible bond breaker foam seal between

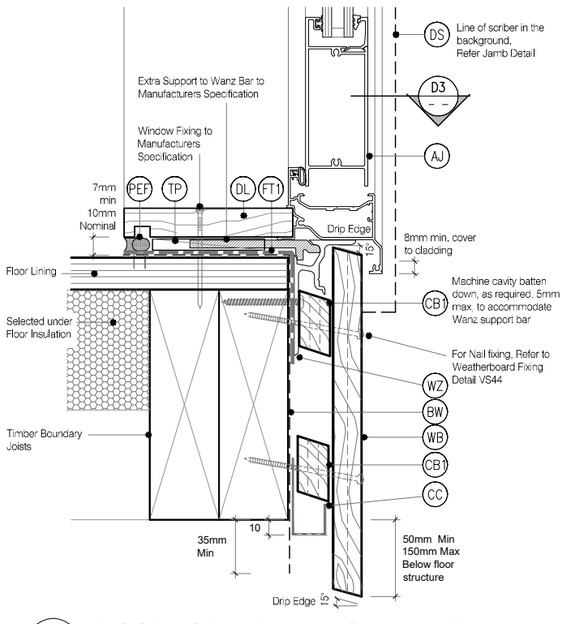
D3 VS22 — DOOR JAMB - Vertical Shiplap WB
Cavity Fix - Aluminium Joinery - Double Glazing
SCALE 1:2 @ A1, 1:4 @ A3



D4 VS23 — TYPICAL DOOR OPENING (FLASHING TAPE)
SCALE : N.T.S



D5 VS23 — FLEXIBLE BUILDING WRAP AT OPENING
SCALE : 1 / 5 @ A1, 1 / 10 @ A3



D2 VS21 — DOOR SILL - Vertical Shiplap WB
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, Ridgid 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)
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- (DL) DOOR LINER: As Specified
- (WH) WEATHERHEAD: (OPTIONAL) Southern Pine, Horizontal batten above window as necessary to suit profile, shaped to shed water, sealant to back of head scriber
- (DS) DOOR SCRIBER: Southern Pine SDA18 x 18, sealant to back of SDA and 75 x 3.15mm 316 Stainless Steel nail in 3mm predrilled hole.
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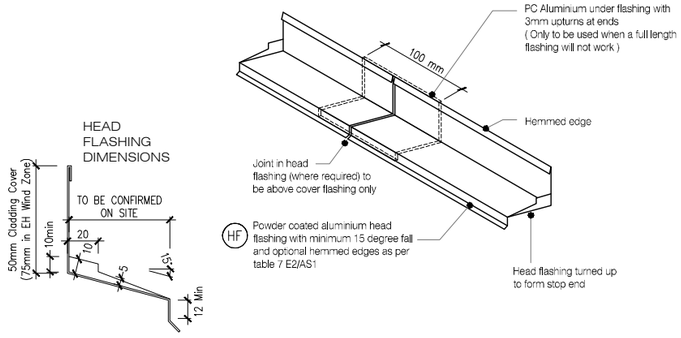


ONE PIECE PC ALUMINIUM HEAD FLASHING 15° SLOPE WITH 10mm min COVER TO JOINERY EXTEND 30mm min EITHER SIDE OF JOINERY WITH STOP ENDS

D6 VS23 — TYPICAL HEAD & FLASHING JOINT
SCALE : 1 / 2 @ A1, 1 / 4 @ A3

CAD REF : SPP CF20 VS20-25 - DOOR DETAILS.dwg
DATE : 13/10/2023

SPP SOUTHERN PINE

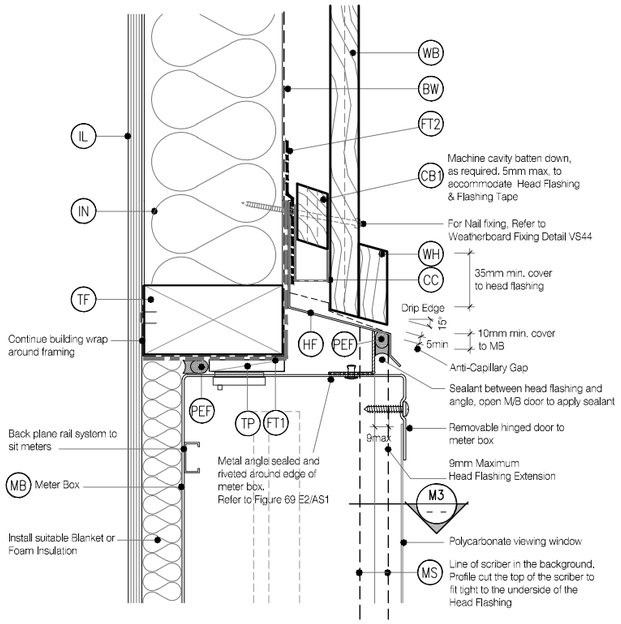
www.sppnz.co.nz

TYPE: Southern Pine Products - H3.2 Treated Timber
Vertical Shiplap WB - Cavity Fix

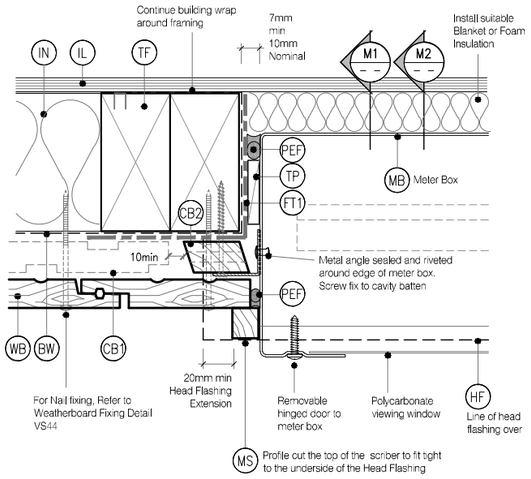
NAME: HEAD, SILL & JAMB - DOOR DETAILS

25 YEARS

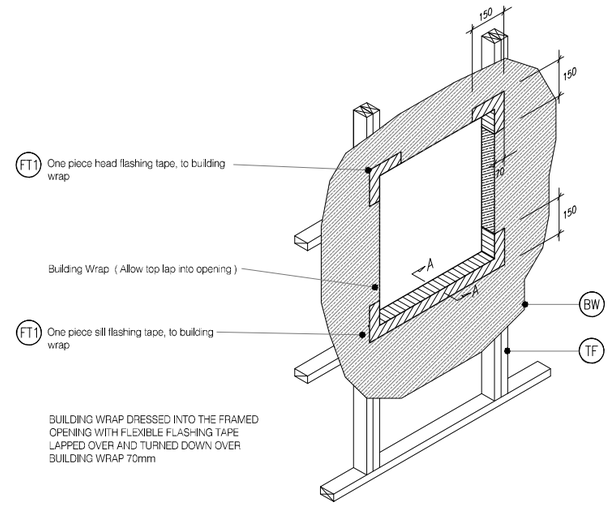
DRAWING SCALE: 1:2 @ A1 1:4 @ A3
ISSUE DATE: SEP 2023
DRAWING No: SPP CF20 VS25
REVISION:



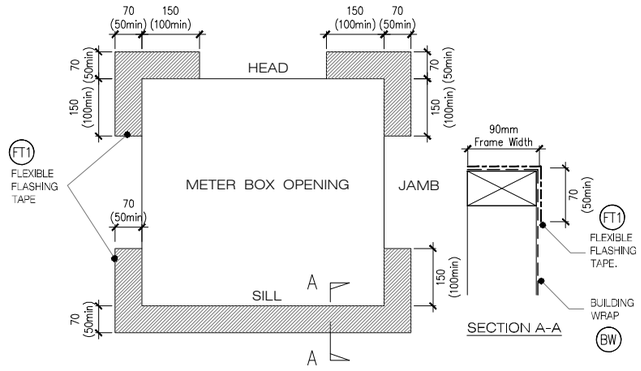
M1 VS30 METER BOX HEAD
Cavity Fix - Vertical Shiplap WB
SCALE 1:2 @ A1, 1:4 @ A3



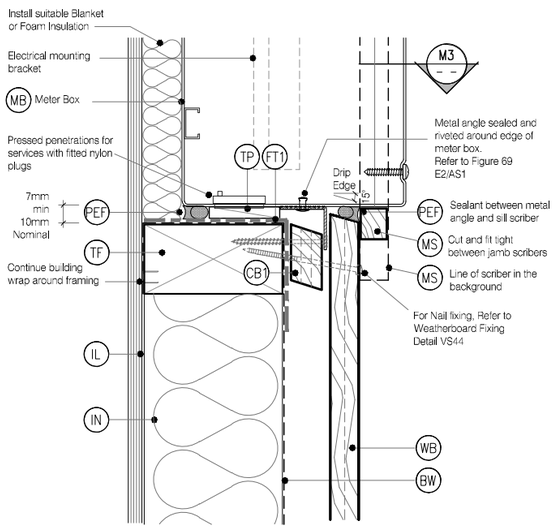
M3 VS32 METER BOX JAMB
Cavity Fix - Vertical Shiplap WB
SCALE 1:2 @ A1, 1:4 @ A3



M4 VS33 TYPICAL METER BOX OPENING (FLASHING TAPE)
SCALE : N.T.S



M5 VS33 FLEXIBLE BUILDING WRAP AT OPENING
SCALE : 1 / 5 @ A1, 1 / 10 @ A3



M2 VS31 METER BOX SILL
Cavity Fix - Vertical Shiplap WB
SCALE 1:2 @ A1, 1:4 @ A3

LEGEND:

- MB — METER BOX: Electrical meter box, with removable hinged door and polycarbonate viewing window
- 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, HORIZONTAL - NON STRUCTURAL : 20mm x 45mm SP Radiata Pine H3.2, Castellated with a 18 degree bevelled slope. To form a 20mm cavity
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- WL — WINDOW LINER: As Specified
- WH — WEATHERHEAD: (OPTIONAL) Southern Pine, Horizontal batten above meter box as necessary to suit profile, shaped to shed water, sealant to back of head scriber
- MS — METER BOX SCRIBER: Southern Pine SDA18x18, sealant to back of SDA and 75 x 3.15mm 316 Stainless Steel nail in 3mm predrilled hole.

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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 75-150mm 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.

HOW TO DETERMINE THE TIMBER WEATHERBOARD STRUCTURE :

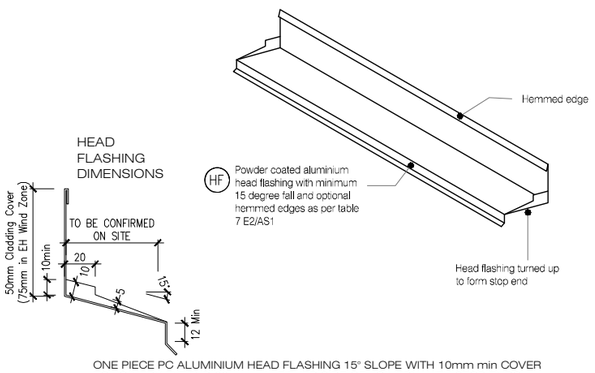
1. Establish the " RISK" (Section 3.1 & Figure 1 E2/AS1)
2. Definition of Risk Levels (Section 3.1.1 & Table 1 E2/AS1)
3. Bulding Envelope Risk Score (Section 3.1.2 & Table 2 E2/AS1) The RISK MATRIX defines the RISK SCORE
4. Suitable Wall Claddings (Table 3 E2/AS1)
5. The Architect / Designer are responsibility to confirm the RISK MATRIX, RISK SCORE & SUITABLE CLADDINGS

NOTES:
Claddings in Extra High Wind Zones require:
a. Rigid underlays to (Paragraph 9.1.7.2 E2/AS1)
b. Drained Cavities to (Paragraph 9.1.8 E2/AS1)
c. Hooks and Hems on flashing upstands and additional 25mm height to (Paragraph 4.6 E2/AS1)

6. FROM TABLE 3 E2/AS1

RISK SCORE	DIRECT FIX	20mm CAVITY FIX
0 - 6	Timber Weather Boards (All Types)	(Not Required)
7 - 12	Bevel Back Timber WB Vertical Timber Board & Batten	Rusticated WB
13 - 20	(Direct Fix NOT Allowed)	Rusticated WB B.B Timber WB
20 +	(Redesign or Specific Design)	

Table 3 E2/AS1 are the minimum requirements, For extra security, you can always upgrade to a higher specification.



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 VS33 TYPICAL HEAD & FLASHING JOINT
SCALE : 1 / 2 @ A1, 1 / 4 @ A3

CAD REF : SPP CF20 VS30-35 - METER BOX.dwg
DATE : 13/10/2023

SPP SOUTHERN PINE

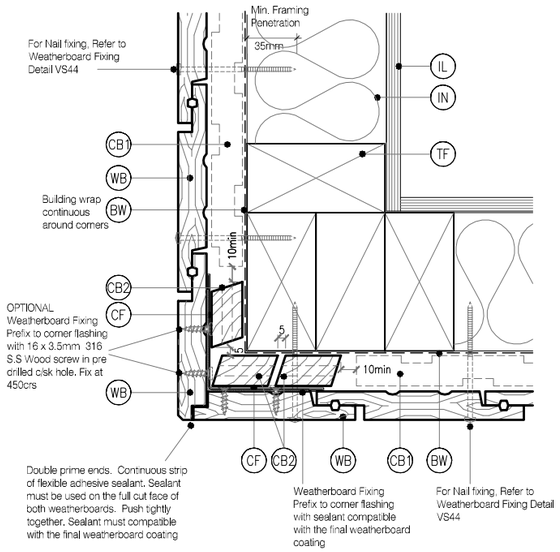
www.sppnz.co.nz

TYPE Southern Pine Products - H3.2 Treated Timber
Vertical Shiplap WB - Cavity Fix

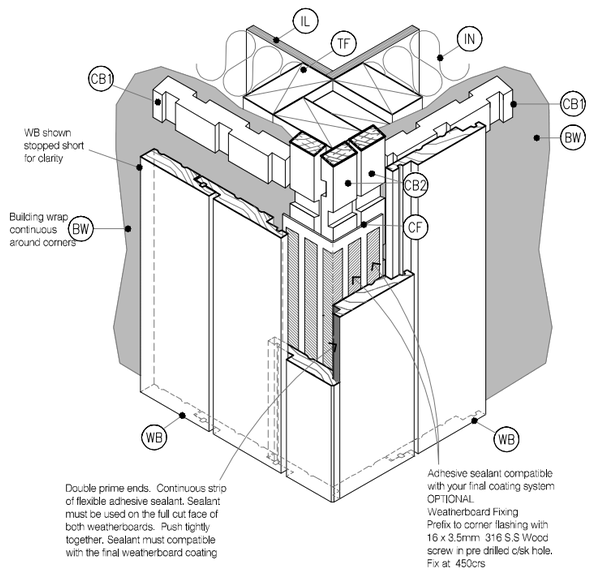
NAME HEAD, SILL, JAMB & FLASHINGS - METER BOX

25 YEARS

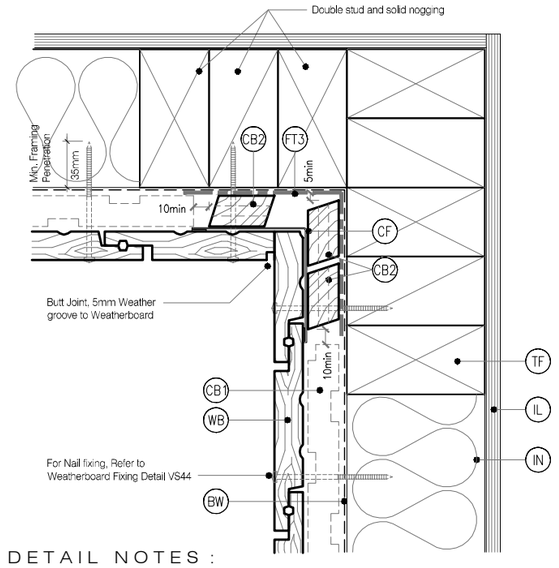
DRAWING SCALE 1:2 @ A1 1:4 @ A3
ISSUE DATE SEP 2023
DRAWING No SPP CF20 VS35
REVISION



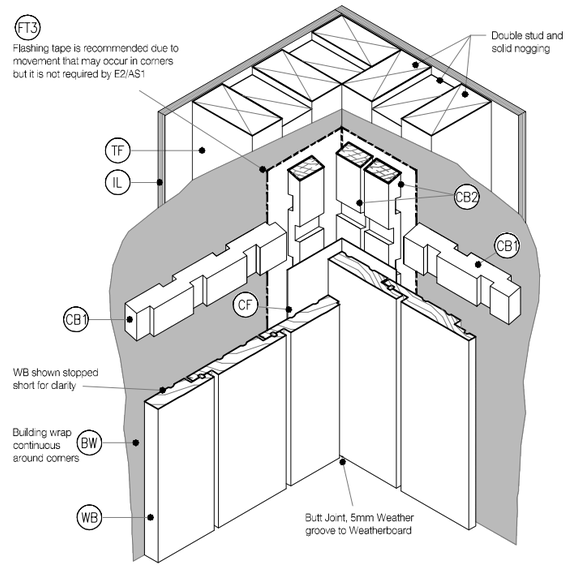
C1 VS40 EXTERNAL CORNER SP42
Cavity Fix - Vertical Shiplap WB
SCALE 1:2 @ A1, 1:4 @ A3



C2 VS41 3D EXTERNAL CORNER SP42
Cavity Fix - Vertical Shiplap WB
SCALE : N.T.S



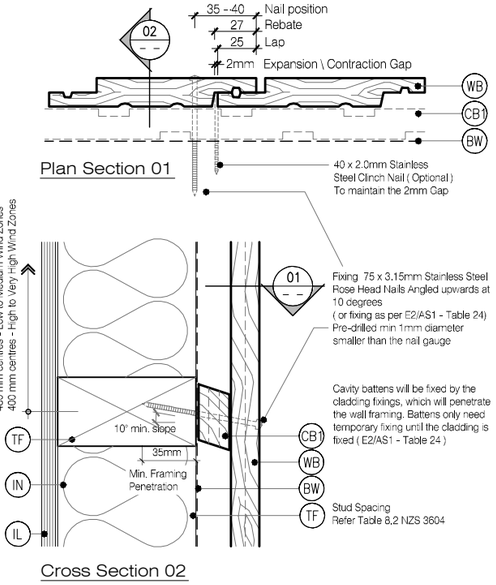
C3 VS42 INTERNAL CORNER
Cavity Fix - Vertical Shiplap WB
SCALE 1:2 @ A1, 1:4 @ A3



C4 VS43 3D INTERNAL CORNER
Cavity Fix - Vertical Shiplap WB
SCALE : N.T.S

DETAIL NOTES :

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



C5 VS44 WEATHERBOARD FIXING
Cavity Fix - Vertical Shiplap WB
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, Ridgid Underlay required (9.1.7.2 E2/AS1)
- CB1 — CAVITY BATTEN, HORIZONTAL - NON STRUCTURAL : 20mm x 45mm SP Radiata Pine H3.2, Castellated with a 18 degree bevelled slope. To form a 20mm cavity
- CB2 — CAVITY BATTEN, VERTICAL: 20mm x 45mm. To form a 20mm cavity. Standard H3.1 or castellated H3.2
- IN — INSULATION: Selected Insulation
- CB3 — CAVITY BATTEN, HORIZONTAL - STRUCTURALLY FIXED : 45mm x 45mm SP Radiata Pine, H3.2 70mm x 45mm SP Radiata Pine, H3.2 Castellated with a 18 degree bevelled slope. To form a 45mm cavity
- CC — CAVITY CLOSURE: Cavity closure strip, positioned to give a 15mm Min drip edge to cladding
- 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
- CF — CORNER FLASHING: Aluminium, PVC or Stainless Steel corner flashing. Refer NZBC E2/AS1 4.3 50x50 Hem or Hook to Flashing Edges 75x75 NO, Hem or Hook Required EXTRA HIGH WIND ZONE 100x100 Hem or Hook to Flashing Edges, Refer NZBC E2/AS1 4.5.1
- TF — TIMBER FRAME: H1.2 min Treated timber framing
- IL — INTERNAL LINING: Selected Internal Lining
- WB — WEATHER BOARD: Southern Pine Vertical Shiplap Weatherboard. Profile to NZS 3617

GENERAL NOTES :

1. Southern Pine Products must be installed by a suitably qualified and experienced trade person. Where Restricted Building Work (RBW) is required, 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 75-150mm 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.

HOW TO DETERMINE THE TIMBER WEATHERBOARD STRUCTURE :

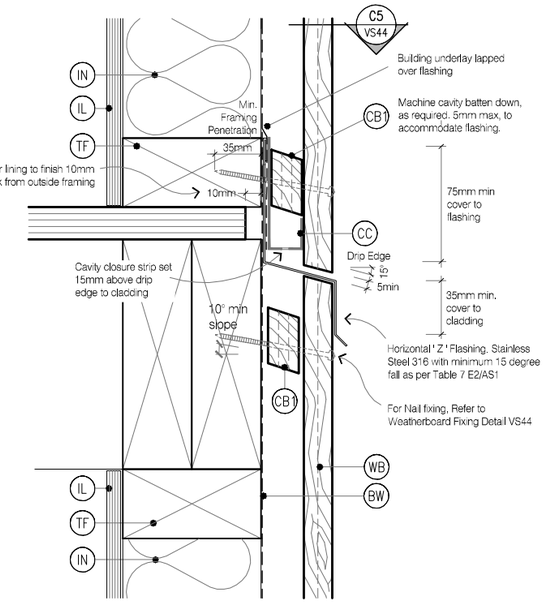
1. Establish the " RISK" (Section 3.1 & Figure 1 E2/AS1)
2. Definition of Risk Levels (Section 3.1.1 & Table 1 E2/AS1)
3. Building Envelope Risk Score (Section 3.1.2 & Table 2 E2/AS1) The RISK MATRIX defines the RISK SCORE
4. Suitable Wall Claddings (Table 3 E2/AS1)
5. The Architect / Designer are responsibility to confirm the RISK MATRIX, RISK SCORE & SUITABLE CLADDINGS

NOTES:
Claddings in Extra High Wind Zones require:
a. Rigid underlays to (Paragraph 9.1.7.2 E2/AS1)
b. Drained Cavities to (Paragraph 9.1.8 E2/AS1)
c. Hooks and Hems on flashing upstands and additional 25mm height to (Paragraph 4.6 E2/AS1)

6. FROM TABLE 3 E2/AS1

RISK SCORE	DIRECT FIX	20mm CAVITY FIX
0 - 6	Timber Weather Boards (All Types)	(Not Required)
7 - 12	Bevel Back Timber WB Vertical Timber Board & Batten	Rusticated WB
13 - 20	(Direct Fix NOT Allowed)	Rusticated WB B.B Timber WB
20 +	(Redesign or Specific Design)	

Table 3 E2/AS1 are the minimum requirements, For extra security, you can always upgrade to a higher specification.



C6 VS45 DRAINED INTER-STOREY JOINT
Cavity Fix - Vertical Shiplap WB
SCALE 1:2 @ A1, 1:4 @ A3

CAD REF : SPP CF20 VS40-46 - GENERAL DETAILS 01.dwg
DATE : 02/11/2023

SPP SOUTHERN PINE

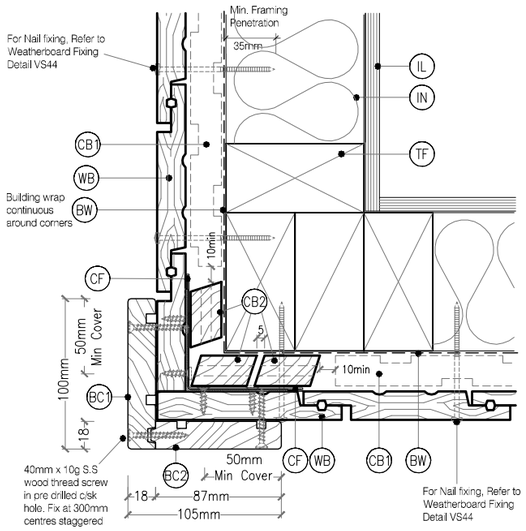
www.sppnz.co.nz

TYPE Southern Pine Products - H3.2 Treated Timber
Vertical Shiplap WB - Cavity Fix

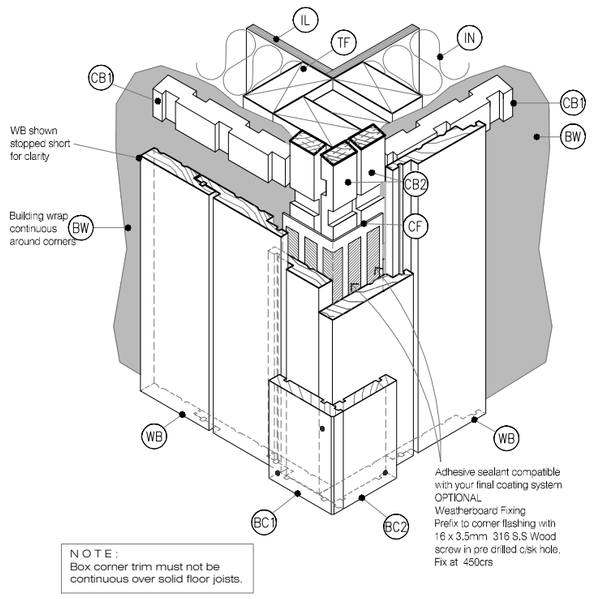
NAME
EXTERNAL & INTERNAL - GENERAL DETAILS 01

25 YEARS

DRAWING SCALE 1:2 @ A1 1:4 @ A3
ISSUE DATE SEP 2023
DRAWING No SPP CF20 VS46
REVISION

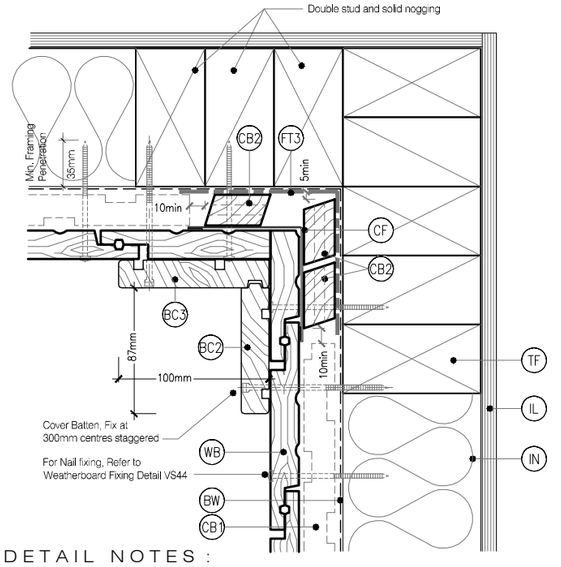


C10 VS50 EXTERNAL BOXED CORNER
Cavity Fix - Vertical Shiplap WB
SCALE 1:2 @ A1, 1:4 @ A3



NOTE:
Box corner trim must not be continuous over solid floor joists.

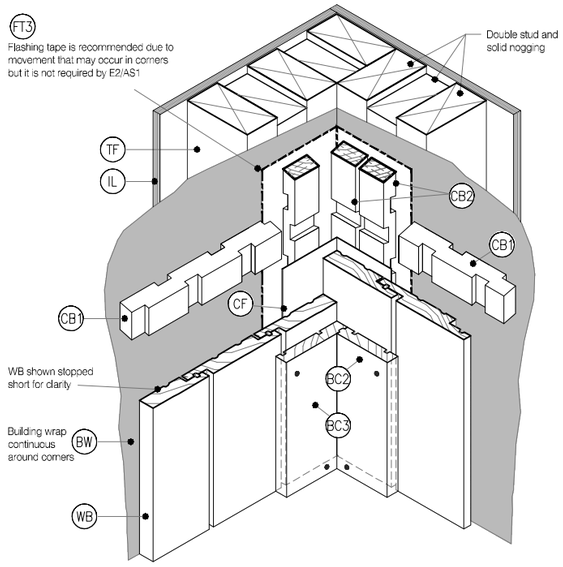
C11 VS51 3D EXTERNAL BOXED CORNER
Cavity Fix - Vertical Shiplap WB
SCALE : N.T.S



DETAIL NOTES:

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

C12 VS52 INTERNAL BOXED CORNER
Cavity Fix - Vertical Shiplap WB
SCALE 1:2 @ A1, 1:4 @ A3



C13 VS53 3D INTERNAL BOXED CORNER
Cavity Fix - Vertical Shiplap WB
SCALE : N.T.S

LEGEND:

- BC1 BOXED CORNER COVER : Southern Pine 100 x 18 H3.1 External box corner
- BC2 BOXED CORNER COVER : Southern Pine 87 x 18 H3.1 Reversible box corner
- BC3 BOXED CORNER COVER : Southern Pine 100 x 18 H3.1 Internal box corner
- IL INTERNAL LINING: Selected Internal Lining
- 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, HORIZONTAL - NON STRUCTURAL : 20mm x 45mm SP Radiata Pine H3.2, Castellated with a 18 degree bevelled slope. To form a 20mm cavity
- CB2 CAVITY BATTEN, VERTICAL: 20mm x 45mm. To form a 20mm cavity. Standard H3.1 or castellated H3.2
- CB3 CAVITY BATTEN, HORIZONTAL - STRUCTURALLY FIXED : 45mm x 45mm SP Radiata Pine, H3.2 70mm x 45mm SP Radiata Pine, H3.2 Castellated with a 18 degree bevelled slope. To form a 45mm cavity
- CF CORNER FLASHING: Aluminium, PVC or Stainless Steel corner flashing. Refer NZBC E2/AS1 4.3 50x50 Hem or Hook to Flashing Edges 75x75 NO, Hem or Hook Required EXTRA HIGH WIND ZONE 100x100 Hem or Hook to Flashing Edges, Refer NZBC E2/AS1 4.5.1
- PEF PEF ROD BACKING: Foam backing rod with sealant to perimeter that forms a waterproof air-seal. (Sealant 2:1 Ratio)
- 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)
- FT4 FLEXIBLE FLASHING TAPE: Flexible flashing tape wrapped around pipe and over building wrap, Refer NZBC E2/AS1 4.3.11 & Figure 68
- IN INSULATION: Selected Insulation
- TF TIMBER FRAME: H1.2 min treated timber framing
- WB WEATHER BOARD: Souther Pine H3.2 Vertical Shiplap WB. Profile to NZS 3617

GENERAL NOTES:

1. Southern Pine Products must be installed by a suitably qualified and experienced trade person. Where Restricted Building Work (RBW) is required, 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.
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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 75-150mm up from the bottom edge.
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HOW TO DETERMINE THE TIMBER WEATHERBOARD STRUCTURE :

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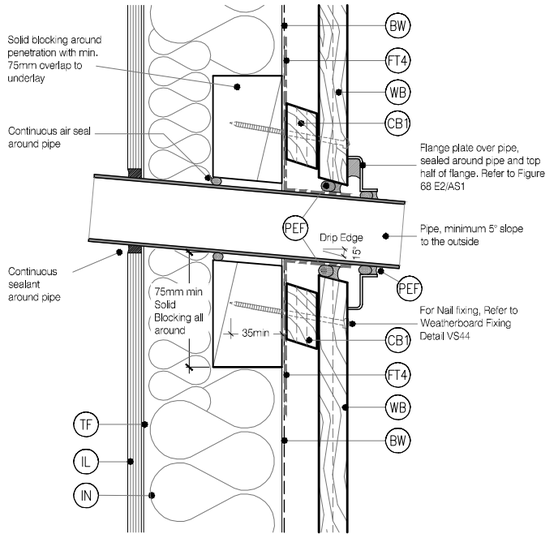
2. Definition of Risk Levels (Section 3.1.1 & Table 1 E2/AS1)
3. Building Envelope Risk Score (Section 3.1.2 & Table 2 E2/AS1) The RISK MATRIX defines the RISK SCORE
4. Suitable Wall Claddings (Table 3 E2/AS1)
5. The Architect / Designer are responsibility to confirm the RISK MATRIX, RISK SCORE & SUITABLE CLADDINGS

NOTES:
Claddings in Extra High Wind Zones require:
a. Rigid underlays to (Paragraph 9.1.7.2 E2/AS1)
b. Drained Cavities to (Paragraph 9.1.8 E2/AS1)
c. Hooks and Hems on flashing upstands and additional 25mm height to (Paragraph 4.6 E2/AS1)

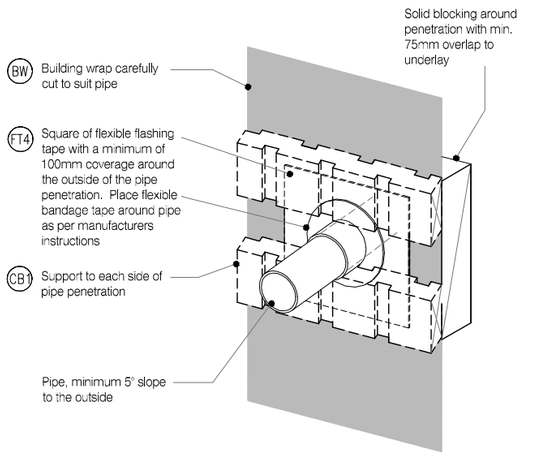
6. FROM TABLE 3 E2/AS1

RISK SCORE	DIRECT FIX	20mm CAVITY FIX
0 - 6	Timber Weather Boards (All Types)	(Not Required)
7 - 12	Bevel Back Timber WB Vertical Timber Board & Batten	Rusticated WB
13 - 20	(Direct Fix NOT Allowed)	Rusticated WB B.B Timber WB
20 +	(Redesign or Specific Design)	

Table 3 E2/AS1 are the minimum requirements, For extra security, you can always upgrade to a higher specification.



C14 VS54 PIPE PENETRATION
Cavity Fix - Vertical Shiplap WB
SCALE 1:2 @ A1, 1:4 @ A3



C15 VS55 3D PIPE PENETRATION
Cavity Fix - Vertical Shiplap WB
SCALE : N.T.S

CAD REF : SPP CF20 VS50-56 - GENERAL DETAILS 02.dwg
DATE : 02/11/2023

SPP SOUTHERN PINE

www.sppnz.co.nz

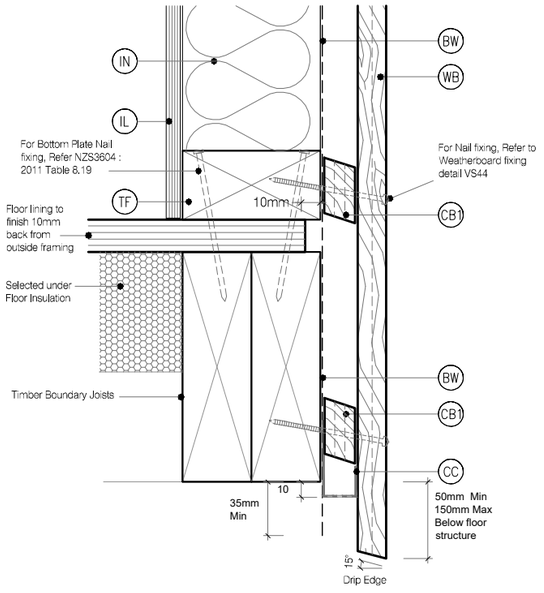
1. COPYRIGHT " © " PROPERTY OF " SOUTHERN PINE PRODUCTS LTD 2023 "
2. DETAILS MAY BE SUBJECT TO CHANGE WITHOUT NOTICE

TYPE Southern Pine Products - H3.2 Treated Timber
Vertical Shiplap WB - Cavity Fix

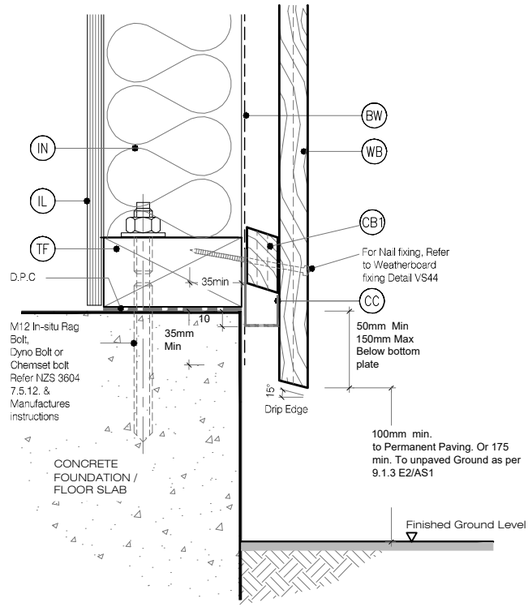
NAME
EXTERNAL, INTERNAL & PENETRATION - GENERAL DETAILS 02

25 YEARS

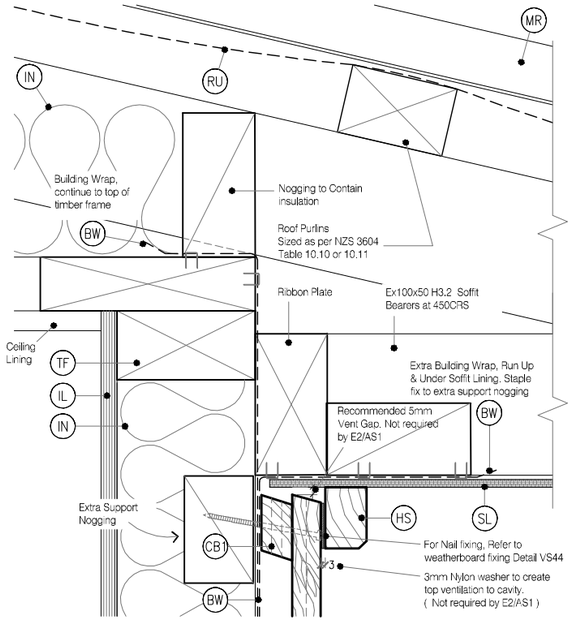
DRAWING SCALE 1:2 @ A1 1:4 @ A3
ISSUE DATE SEP 2023
DRAWING No SPP CF20 VS56
REVISION



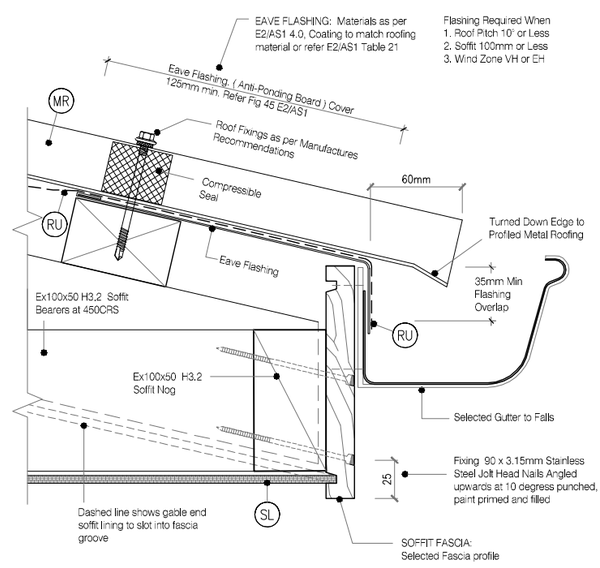
C16 VS60 BASE OF WALL, TIMBER
Cavity Fix - Vertical Shiplap WB
SCALE 1:2 @ A1, 1:4 @ A3



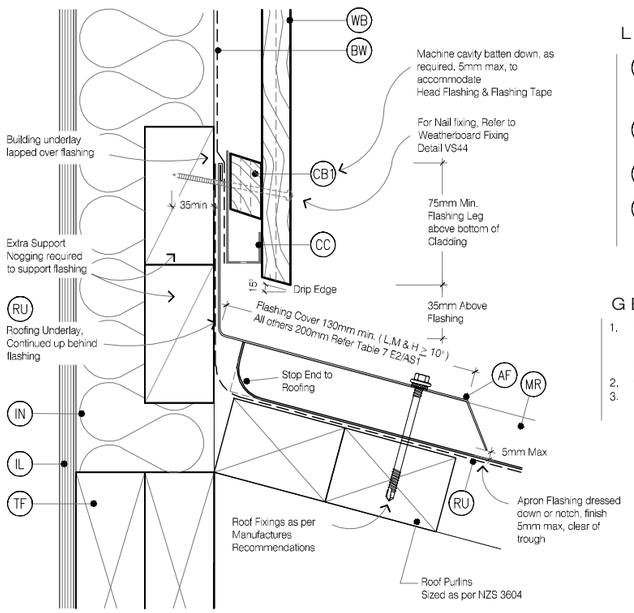
C17 VS61 BASE OF WALL, CONCRETE
Cavity Fix - Vertical Shiplap WB
SCALE 1:2 @ A1, 1:4 @ A3



C18 VS62 SOFFIT DETAIL AT WALL
Cavity Fix - Vertical Shiplap WB
SCALE 1:2 @ A1, 1:4 @ A3



C19 VS63 SOFFIT DETAIL AT FASCIA
Cavity Fix - Vertical Shiplap WB
SCALE 1:2 @ A1, 1:4 @ A3



C20 VS64 APRON FLASHING ROOF TO WALL JUNCTION
Cavity Fix - Vertical Shiplap WB
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)
- CC — CAVITY CLOSURE: Cavity closure strip, positioned to give a 15mm Min drip edge to cladding
- CB1 — CAVITY BATTEN, HORIZONTAL - NON STRUCTURAL : 20mm x 45mm SP Radiata Pine H3.2, Castellated with a 18 degree bevelled slope. To form a 20mm cavity
- CB3 — CAVITY BATTEN, HORIZONTAL - STRUCTURALLY FIXED : 45mm x 45mm SP Radiata Pine, H3.2 70mm x 45mm SP Radiata Pine, H3.2 Castellated with a 18 degree bevelled slope. To form a 45mm cavity
- CB2 — CAVITY BATTEN, VERTICAL: 20mm x 45mm. To form a 20mm cavity. Standard H3.1 or castellated H3.2
- IL — INTERNAL LINING: Selected Internal Lining
- IN — INSULATION: Selected Insulation
- HS — HEAD SOFFIT SCRIBER: Southern Pine Eaves Mould EM40x27. Fix with 75 x 3.15mm 316 S.S nail in 2.5mm predrilled hole
- MR — METAL ROOFING : Selected Metal Roofing
- SL — SOFFIT LINING: Selected Soffit Lining
- TF — TIMBER FRAME: H1.2 min treated timber framing
- TP — TIMBER PACKER: 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
- WB — WEATHER BOARD: Southern Pine Vertical Shiplap Weatherboard. Profile to NZS 3617

GENERAL NOTES:

1. Southern Pine Products must be installed by a suitably qualified and experienced trade person. Where Restricted Building Work (RBW) is required, the installer shall be a Licensed Building Practitioner (LBP) or supervised by LBP.
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HOW TO DETERMINE THE TIMBER WEATHERBOARD STRUCTURE :

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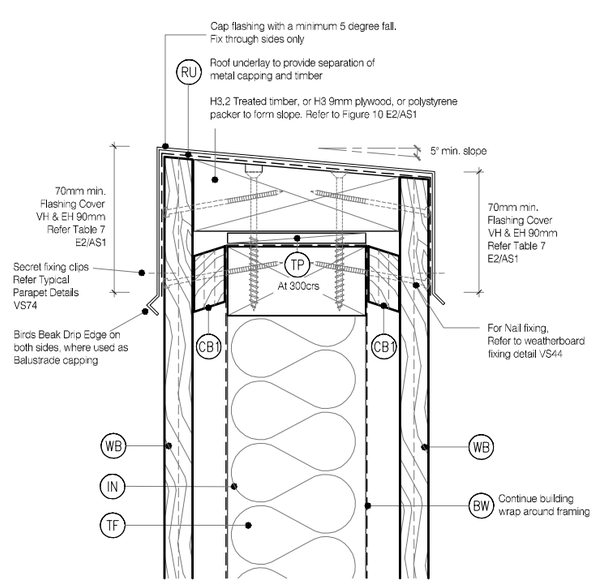
3. Building Envelope Risk Score (Section 3.1.2 & Table 2 E2/AS1)
   The RISK MATRIX defines the RISK SCORE
4. Suitable Wall Claddings (Table 3 E2/AS1)
5. The Architect / Designer are responsibility to confirm the RISK MATRIX, RISK SCORE & SUITABLE CLADDINGS

NOTES:
Claddings in Extra High Wind Zones require:
a. Rigid underlays to (Paragraph 9.1.7.2 E2/AS1)
b. Drained Cavities to (Paragraph 9.1.8 E2/AS1)
c. Hooks and Hems on flashing upstands and additional 25mm height to (Paragraph 4.6 E2/AS1)

6. FROM TABLE 3 E2/AS1

RISK SCORE	DIRECT FIX	20mm CAVITY FIX
0 - 6	Timber Weather Boards (All Types)	(Not Required)
7 - 12	Bevel Back Timber WB Vertical Timber Board & Batten	Rusticated WB
13 - 20	(Direct Fix NOT Allowed)	Rusticated WB B.B Timber WB
20 +	(Redesign or Specific Design)	

Table 3 E2/AS1 are the minimum requirements, For extra security, you can always upgrade to a higher specification.



C21 VS65 BALUSTARDE CAPPING OR PARAPET DETAIL
Cavity Fix - Vertical Shiplap WB
SCALE 1:2 @ A1, 1:4 @ A3

CAD REF : SPP CF20 VS60-66 - GENERAL DETAILS 03.dwg
DATE : 13/10/2023

SPP SOUTHERN PINE

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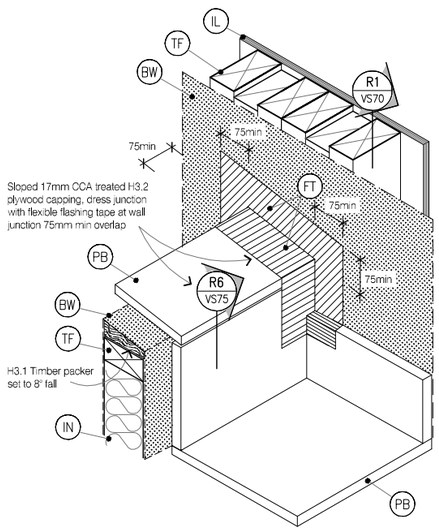
2. DETAILS MAY BE SUBJECT TO CHANGE WITHOUT NOTICE

TYPE Southern Pine Products - H3.2 Treated Timber
Vertical Shiplap WB - Cavity Fix

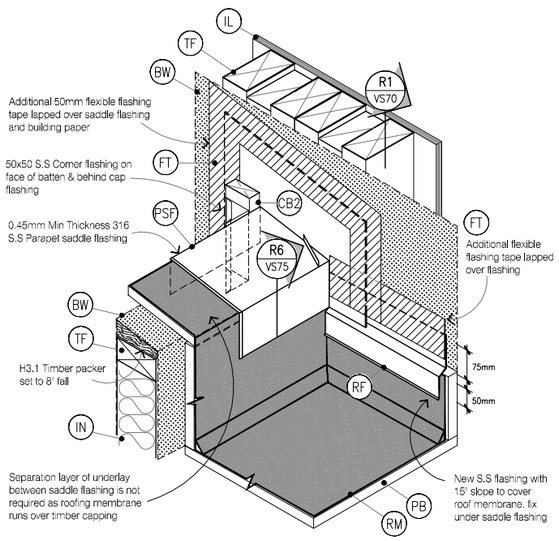
NAME BASE, SOFFIT & APRON FLASHING - GENERAL DETAILS 03

25 YEARS

DRAWING SCALE 1:2 @ A1 1:4 @ A3
ISSUE DATE SEP 2023
DRAWING No SPP CF20 VS66
REVISION



STAGE ONE



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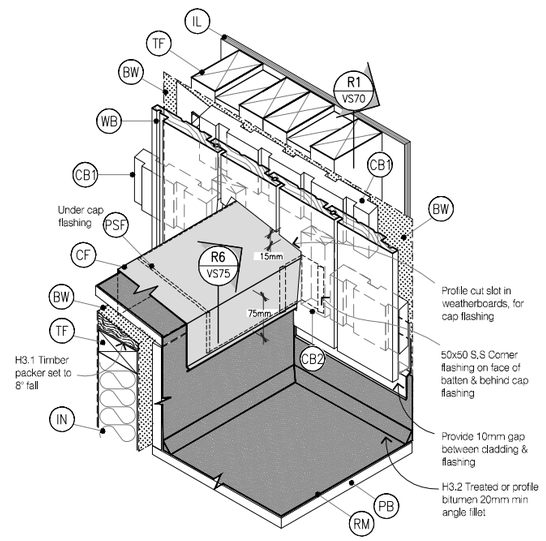
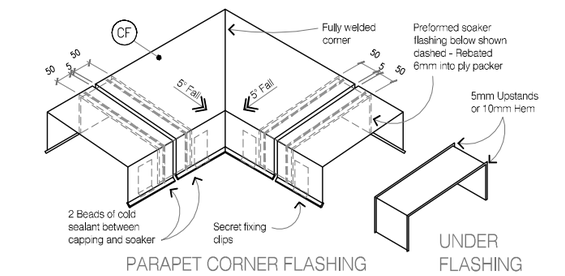
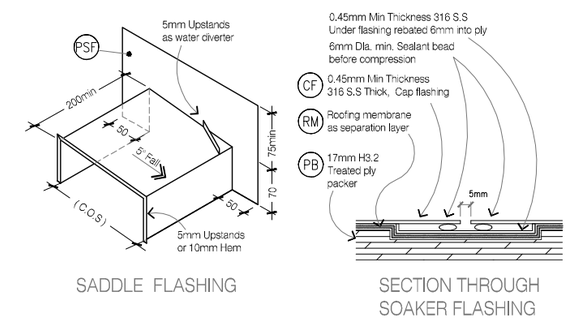


STAGE THREE





R2 VS71

DECK OR ROOF MEMBRANE PARAPET SADDLE FLASHING

Cavity Fix - Vertical Shiplap WB

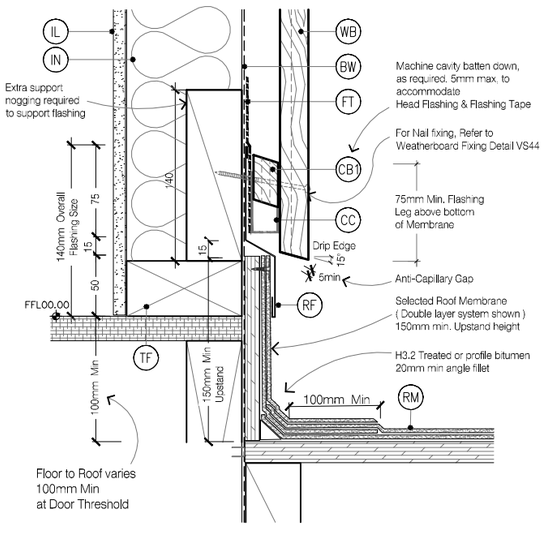
SCALE 1:5 @ A1, 1:10 @ A3

R5 VS74

TYPICAL PARAPET CAPPING JOINT DETAILS

Cavity Fix - Vertical Shiplap WB

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



R1 VS70

BASE OF WALL, MEMBRANE ROOF

Cavity Fix - Vertical Shiplap WB

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

LEGEND:

- 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
- 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)
- CC — CAVITY CLOSURE: Cavity closure strip, positioned to give a 15mm Min drip edge to cladding
- CB1 — CAVITY BATTEN, HORIZONTAL - NON STRUCTURAL : 20mm x 45mm SP Radiata Pine H3.2, Castellated with a 18 degree bevelled slope. To form a 20mm cavity
- CB2 — CAVITY BATTEN, VERTICAL: 20mm x 45mm. To form a 20mm cavity. Standard H3.1 or castellated H3.2
- CB3 — CAVITY BATTEN, HORIZONTAL - STRUCTURALLY FIXED : 45mm x 45mm SP Radiata Pine, H3.2 70mm x 45mm SP Radiata Pine, H3.2 Castellated with a 18 degree bevelled slope. To form a 45mm cavity
- FT — FLASHING TAPE: As per E2/AS1 4.3.11
- CF — CAP FLASHING: Continuous parapet flashing. Materials as per E2/AS1 4.3 + Figure 9 & Table 7
- IL — INTERNAL LINING: Selected Internal Lining
- 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
- IN — INSULATION: Selected Insulation
- PB — PLYWOOD BACKING: 17mm CCA treated H3.2 grade plywood substrate
- RF — ROOF FLASHING: Materials as per E2/AS1 4.3
- WB — WEATHER BOARD: Southern Pine Vertical Shiplap Weatherboard. Profile to NZS 3617
- TF — TIMBER FRAME: H1.2 min treated timber framing

GENERAL NOTES:

1. Southern Pine Products must be installed by a suitably qualified and experienced trade person. Where Restricted Building Work (RBW) is required, 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 75-150mm 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.

HOW TO DETERMINE THE TIMBER WEATHERBOARD STRUCTURE :

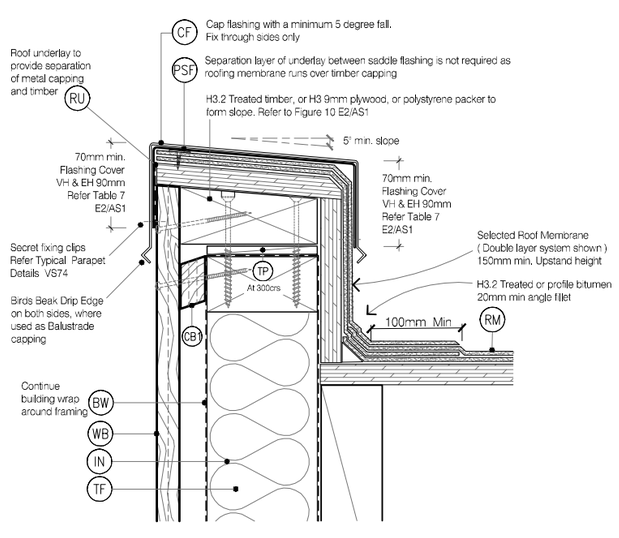
1. Establish the " RISK" (Section 3.1 & Figure 1 E2/AS1)
2. Definition of Risk Levels (Section 3.1.1 & Table 1 E2/AS1)
3. Building Envelope Risk Score (Section 3.1.2 & Table 2 E2/AS1)
   The RISK MATRIX defines the RISK SCORE
4. Suitable Wall Claddings (Table 3 E2/AS1)
5. The Architect / Designer are responsibility to confirm the RISK MATRIX, RISK SCORE & SUITABLE CLADDINGS

NOTES:
Claddings in Extra High Wind Zones require:
a. Rigid underlays to (Paragraph 9.1.7.2 E2/AS1)
b. Drained Cavities to (Paragraph 9.1.8 E2/AS1)
c. Hooks and Hems on flashing upstands and additional 25mm height to (Paragraph 4.6 E2/AS1)

6. FROM TABLE 3 E2/AS1

RISK SCORE	DIRECT FIX	20mm CAVITY FIX
0 - 6	Timber Weather Boards (All Types)	(Not Required)
7 - 12	Bevel Back Timber WB Vertical Timber Board & Batten	Rusticated WB
13 - 20	(Direct Fix NOT Allowed)	Rusticated WB B.B Timber WB
20 +	(Redesign or Specific Design)	

Table 3 E2/AS1 are the minimum requirements, For extra security, you can always upgrade to a higher specification.



R6 VS75

PARAPET SECTION TO MEMBRANE ROOF

Cavity Fix - Vertical Shiplap WB

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

CAD REF : SPP CF20 VS70-76 - GENERAL DETAILS 04.dwg
DATE : 13/10/2023

SPP SOUTHERN PINE

www.sppnz.co.nz

TYPE Southern Pine Products - H3.2 Treated Timber
Vertical Shiplap WB - Cavity Fix

NAME WALL TO DECK MEMBRANE ROOFING - GENERAL DETAILS 04

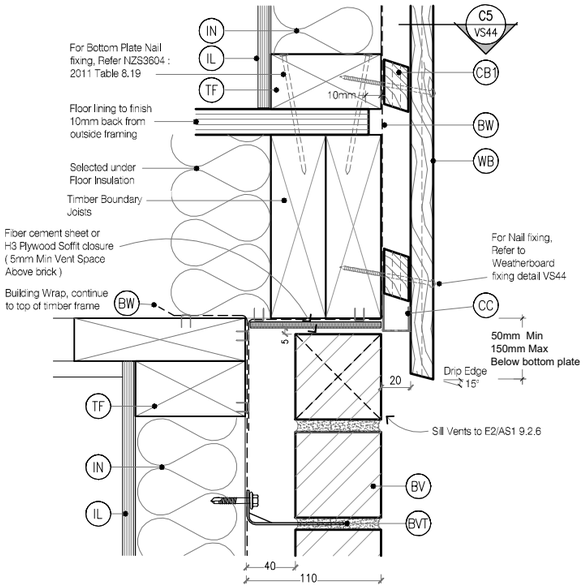
25 YEARS

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

ISSUE DATE SEP 2023

DRAWING No SPP CF20 VS76

REVISION

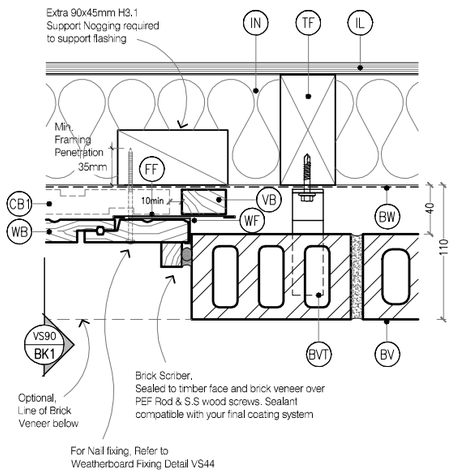


BK2 VS91

CANTILEVER FLOOR / BRICK TO WB

Cavity Fix - Vertical Shiplap WB

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

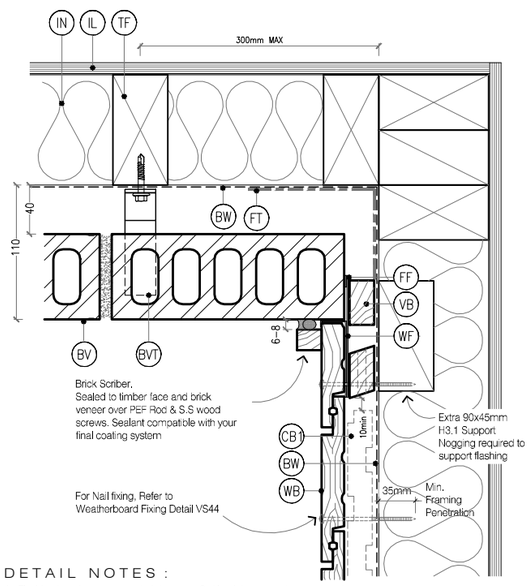


BK3 VS92

IN-LINE JUNCTION / WB TO BRICK

Cavity Fix - Vertical Shiplap WB

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



DETAIL NOTES :

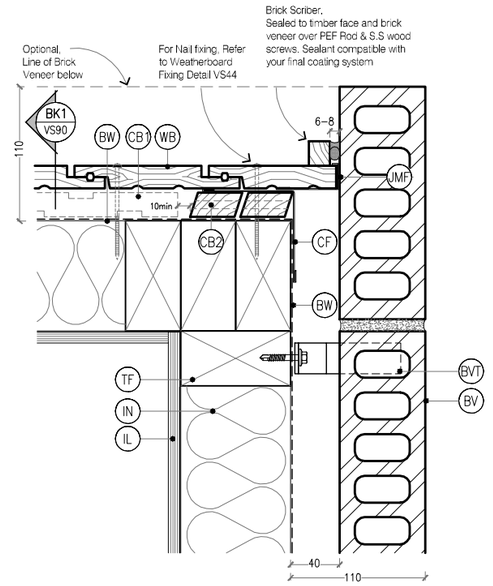
1. Flashing tape is recommended due to movement that may occur in corners but it is not required by E2/AS1
2. Aluminium extrusion must not be continuous over solid floor joists.

BK4 VS93

INTERNAL CORNER / WB TO BRICK

Cavity Fix - Vertical Shiplap WB

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

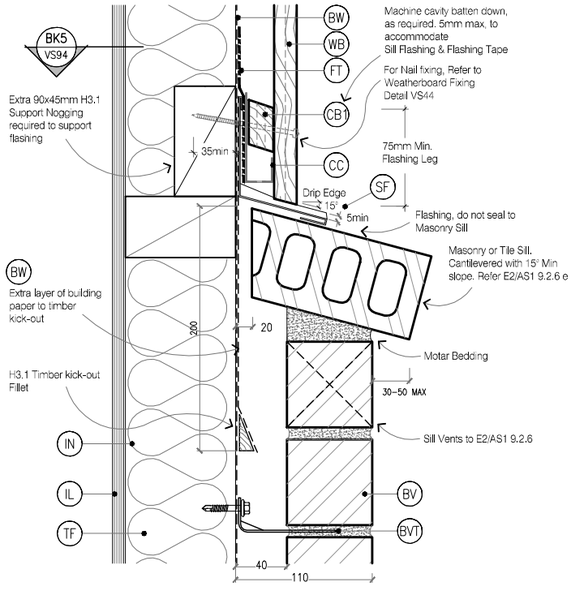


BK5 VS94

EXTERIOR JUNCTION / WB TO BRICK

Cavity Fix - Vertical Shiplap WB

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



BK1 VS90

HALF WALL - SILL WEATHERBOARD TO BRICK

Cavity Fix - Vertical Shiplap WB

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

LEGEND :

- SF — SILL FLASHING: Continuous flashing on 15° min slope with turn back ends at end of walls. Materials as per E2/AS1 4.0 Typically 0.45mm Min 316 Stainless Steel.
- 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)
- BV — BRICK VENEER: Selected brick veneer. Typically 70 series clay brick veneer on 40mm cavity
- FT — FLASHING TAPE: As per E2/AS1 4.3.11
- BVT — BRICK VENEER TIES: Stainless Steel brick Veneer ties screw fixed to framing - spacing NZS4210, ties to be within 300mm of internal or external corner
- CB1 — CAVITY BATTEN, HORIZONTAL - NON STRUCTURAL : 20mm x 45mm SPP Radiata Pine H3.2, Castellated with a 18 degree bevelled slope. To form a 20mm cavity
- CB2 — CAVITY BATTEN, VERTICAL: 20mm x 45mm. To form a 20mm cavity. Standard H3.1 or castellated H3.2
- CB3 — CAVITY BATTEN, HORIZONTAL - STRUCTURALLY FIXED : 45mm x 45mm SP Radiata Pine, H3.2 70mm x 45mm SP Radiata Pine, H3.2 Castellated with a 18 degree bevelled slope. To form a 45mm cavity
- CC — CAVITY CLOSURE: Cavity closure strip, positioned to give a 15mm Min drip edge to cladding
- CF — CORNER FLASHING: 316 Stainless Steel corner flashing. Refer NZBC E2/AS1 4.3. 75x75 Hem or Hook to Flashing Edges. EXTRA HIGH WIND ZONE 100x100 Hem or Hook to Flashing Edges
- IL — INTERNAL LINING: Selected Internal Lining
- IN — INSULATION: Selected Insulation
- TF — TIMBER FRAME: H1.2 min treated timber framing
- WB — WEATHER BOARD: Southern Pine Vertical Shiplap Weatherboard. Profile to NZS 3617
- FF — FLAT FLASHING: 316 Stainless Steel 100mm Hem or Hook to Flashing Edges. EXTRA HIGH WIND ZONE 150mm Hem or Hook to Flashing Edges

GENERAL NOTES :

1. Southern Pine Products must be installed by a suitably qualified and experienced trade person. Where Restricted Building Work (RBW) is required, 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 75-150mm 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.

HOW TO DETERMINE THE TIMBER WEATHERBOARD STRUCTURE :

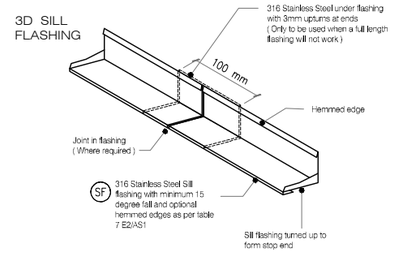
1. Establish the " RISK" (Section 3.1 & Figure 1 E2/AS1)
2. Definition of Risk Levels (Section 3.1.1 & Table 1 E2/AS1)
3. Building Envelope Risk Score (Section 3.1.2 & Table 2 E2/AS1) The RISK MATRIX defines the RISK SCORE
4. Suitable Wall Claddings (Table 3 E2/AS1)
5. The Architect / Designer are responsibility to confirm the RISK MATRIX, RISK SCORE & SUITABLE CLADDINGS

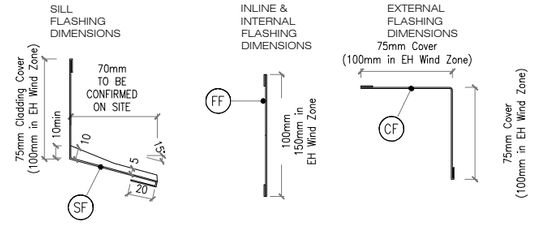
NOTES:
Claddings in Extra High Wind Zones require:
a. Rigid underlays to (Paragraph 9.1.7.2 E2/AS1)
b. Drained Cavities to (Paragraph 9.1.8 E2/AS1)
c. Hooks and Hems on flashing upstands and additional 25mm height to (Paragraph 4.6 E2/AS1)

6. FROM TABLE 3 E2/AS1

RISK SCORE	DIRECT FIX	20mm CAVITY FIX
0 - 6	Timber Weather Boards (All Types)	(Not Required)
7 - 12	Bevel Back Timber WB Vertical Timber Board & Batten	Rusticated WB
13 - 20	(Direct Fix NOT Allowed)	Rusticated WB B.B Timber WB
20 +	(Redesign or Specific Design)	

Table 3 E2/AS1 are the minimum requirements, For extra security, you can always upgrade to a higher specification.





BK6 VS95

FLASHINGS / WB TO BRICK

Cavity Fix - Vertical Shiplap WB

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

CAD REF : SPP CF20 VS90-96 - BRICK VENEER DETAILS
DATE : 13/10/2023

SPP SOUTHERN PINE

www.sppnz.co.nz

TYPE: Southern Pine Products - H3.2 Treated Timber
Vertical Shiplap WB - Cavity Fix

NAME: BRICK VENEER TO WEATHERBOARD DETAILS

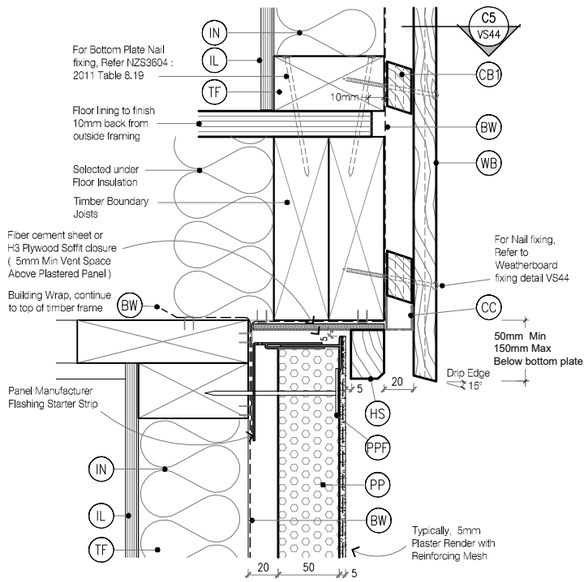
25 YEARS

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

ISSUE DATE: SEP 2023

DRAWING No: SPP CF20 VS96

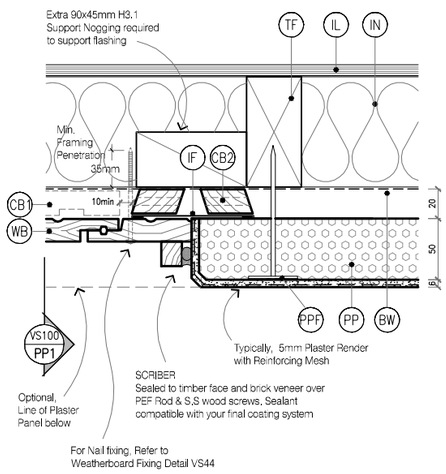
REVISION



PP2 VS101 — CANTILEVER FLOOR / PLASTER PANEL TO WB

Cavity Fix - Vertical Shiplap WB

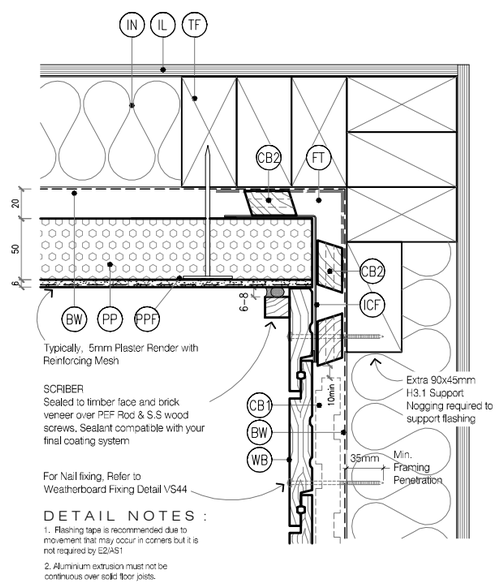
SCALE 1:2.5 @ A1, 1:5 @ A3



PP3 VS102 — IN-LINE JUNCTION PLASTER PANEL TO WB

Cavity Fix - Vertical Shiplap WB

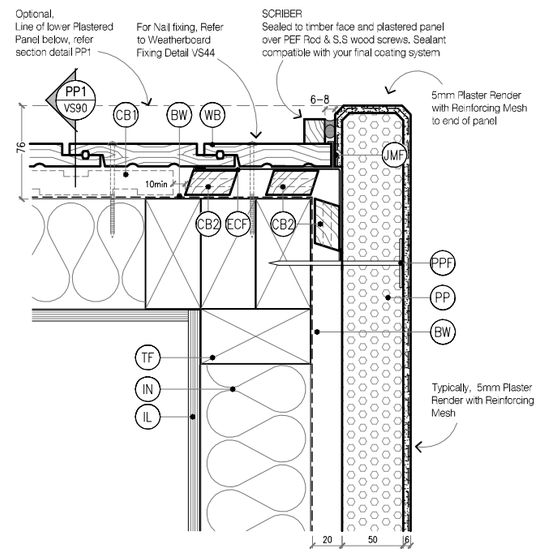
SCALE 1:2.5 @ A1, 1:5 @ A3



PP4 VS103 — INTERNAL CORNER PLASTER PANEL TO WB

Cavity Fix - Vertical Shiplap WB

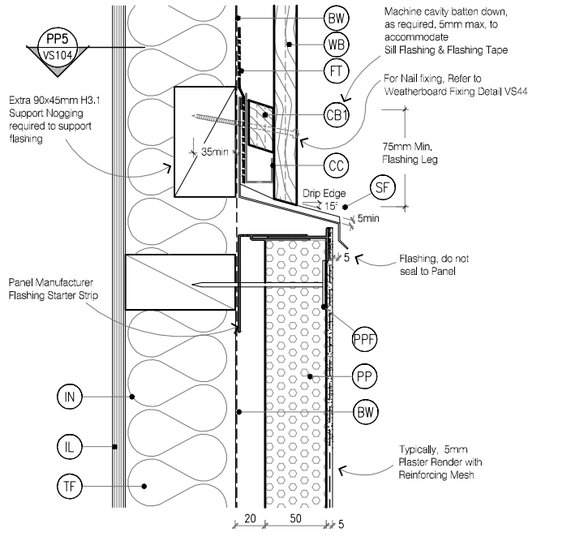
SCALE 1:2.5 @ A1, 1:5 @ A3



PP5 VS104 — EXTERIOR JUNCTION / WB TO PLASTER

Cavity Fix - Vertical Shiplap WB

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



PP1 VS100 — HALF WALL - SILL PLASTER PANEL TO WB

Cavity Fix - Vertical Shiplap WB

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

LEGEND :

- SF — SILL FLASHING: Continuous flashing on 15° min slope with turn back ends at end of walls. Materials as per E2/AS1 4.0 Typically 0.45mm Min 316 Stainless Steel.
- 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)
- PP — PLASTER PANEL: Selected Insulated Facade Panel System. Typically 50mm Thick, fixed to 20mm vertical cavity batten
- FT — FLASHING TAPE: As per E2/AS1 4.3.11
- PPF — PLASTER PANEL FIXING: Specific designed panel fixing system. Install to manufactures instructions
- CB1 — CAVITY BATTEN, HORIZONTAL - NON STRUCTURAL : 20mm x 45mm SP Radiata Pine H3.2, Castellated with a 18 degree bevelled slope. To form a 20mm cavity
- CB2 — CAVITY BATTEN, VERTICAL: 20mm x 45mm. To form a 20mm cavity. Standard H3.1 or Castellated H3.2
- HS — HEAD SOFFIT SCRIBER: Southern Pine Eaves Mould EM40 x 27. Fix with 75 x 3.15mm 316 S.S nail in 2.5mm predrilled hole
- CC — CAVITY CLOSURE: Cavity closure strip, positioned to give a 15mm Min drip edge to cladding
- WB — WEATHER BOARD: Southern Pine Vertical Shiplap Weatherboard. Profile to NZS 3617
- ECF — EXTERNAL CORNER FLASHING: 316 S.S Corner flashing. Refer NZBC E2/AS1 4.3. 125x75 Hem or Hook to Flashing Edges. EXTRA HIGH WIND ZONE 150x100 Hem or Hook to Flashing Edges
- ICF — INTERNAL CORNER FLASHING: As per External Corner Flashing Hem & Hook flipped.
- IL — INTERNAL LINING: Selected Internal Lining
- IN — INSULATION: Selected Insulation
- FF — FLAT FLASHING: 316 Stainless Steel 100mm Hem or Hook to Flashing Edges. EXTRA HIGH WIND ZONE 150mm Hem or Hook to Flashing Edges
- TF — TIMBER FRAME: H1.2 min treated timber framing

GENERAL NOTES :

1. Southern Pine Products must be installed by a suitably qualified and experienced trade person. Where Restricted Building Work (RBW) is required, the installer shall be a Licensed Building Practitioner (LBP) or supervised by LBP.
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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.
10. Flashings at corners, doors, windows and wall intersections must be installed to prevent water from entering the cavity.

HOW TO DETERMINE THE TIMBER WEATHERBOARD STRUCTURE :

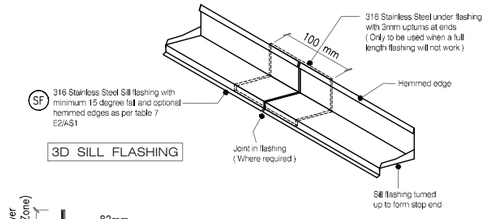
1. Establish the " RISK" (Section 3.1 & Figure 1 E2/AS1)
2. Definition of Risk Levels (Section 3.1.1 & Table 1 E2/AS1)
3. Building Envelope Risk Score (Section 3.1.2 & Table 2 E2/AS1)
   The RISK MATRIX defines the RISK SCORE
4. Suitable Wall Claddings (Table 3 E2/AS1)
5. The Architect / Designer are responsibility to confirm the RISK MATRIX, RISK SCORE & SUITABLE CLADDINGS

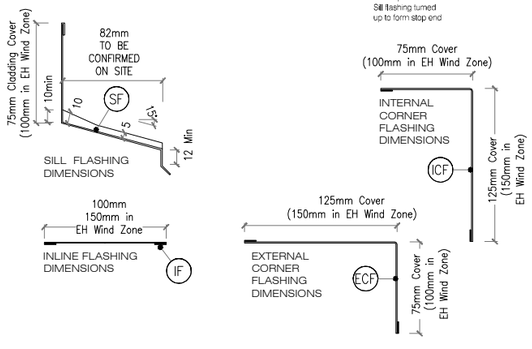
NOTES:
Claddings in Extra High Wind Zones require:
a. Rigid underlays to (Paragraph 9.1.7.2 E2/AS1)
b. Drained Cavities to (Paragraph 9.1.8 E2/AS1)
c. Hooks and Hems on flashing upstands and additional 25mm height to (Paragraph 4.6 E2/AS1)

6. FROM TABLE 3 E2/AS1

RISK SCORE	DIRECT FIX	20mm CAVITY FIX
0 - 6	Timber Weather Boards (All Types)	(Not Required)
7 - 12	Bevel Back Timber WB Vertical Timber Board & Batten	Rusticated WB
13 - 20	(Direct Fix NOT Allowed)	Rusticated WB B.B Timber WB
20 +	(Redesign or Specific Design)	

Table 3 E2/AS1 are the minimum requirements, For extra security, you can always upgrade to a higher specification.





PP6 VS105 — FLASHINGS / WB TO PLASTER

Cavity Fix - Vertical Shiplap WB

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

CAD REF : SPP CF20 VS100-106 - PLASTER PANEL DETAILS
DATE : 13/10/2023 07.PM

SPP SOUTHERN PINE

www.sppnz.co.nz

TYPE Southern Pine Products - H3.2 Treated Timber
Vertical Shiplap WB - Cavity Fix

NAME PLASTER PANEL TO WEATHERBOARD DETAILS

25 YEARS

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

ISSUE DATE SEP 2023

DRAWING No SPP CF20 VS106

REVISION