

# ARCHITECTURAL DRAWINGS

## SOUTHERN PINE PRODUCTS - H3.2 Treated Timber Bevel Back Weatherboard - Cavity Fix

ISSUE : November 2023 - FOR INFORMATION

### 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 flashings 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 easier 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

Sheet Number	Sheet Title
SPP CF20 BB00	COVER SHEET - A1-A3
SPP CF20 BB15	HEAD, SILL, JAMB & FLASHING - WINDOW DETAILS
SPP CF20 BB25	HEAD, SILL, JAMB & FLASHING - DOOR DETAILS
SPP CF20 BB35	HEAD, SILL, JAMB & FLASHINGS - METER BOX
SPP CF20 BB46	EXTERNAL & INTERNAL - GENERAL DETAILS 01
SPP CF20 BB56	EXTERNAL, INTERNAL & PENETRATION - GENERAL DETAILS 02
SPP CF20 BB66	BASE, SOFFIT & APRON FLASHING - GENERAL DETAILS 03
SPP CF20 BB76	WALL TO DECK MEMBRANE ROOFING - GENERAL DETAILS 04
SPP CF20 BB96	BRICK VENEER TO WEATHERBOARD DETAILS - GENERAL DETAILS 06
SPP CF20 BB106	PLASTER PANEL TO WEATHERBOARD DETAILS - GENERAL DETAILS 07



<p><b>DIMENSIONAL STABILITY</b> Retains its shape better than untreated wood and therefore a perfect choice for demanding applications</p>	<p><b>ALL CLIMATES</b> Can be used both indoors and outdoors in all climate conditions</p>	<p><b>WEATHER ENDURANCE</b> Durable and weather resistant,</p>	<p><b>NON TOXIC</b> Completely natural and toxic-free material</p>	<p><b>SUSTAINABLE FORESTRY</b> Raw material is grown sustainable</p>
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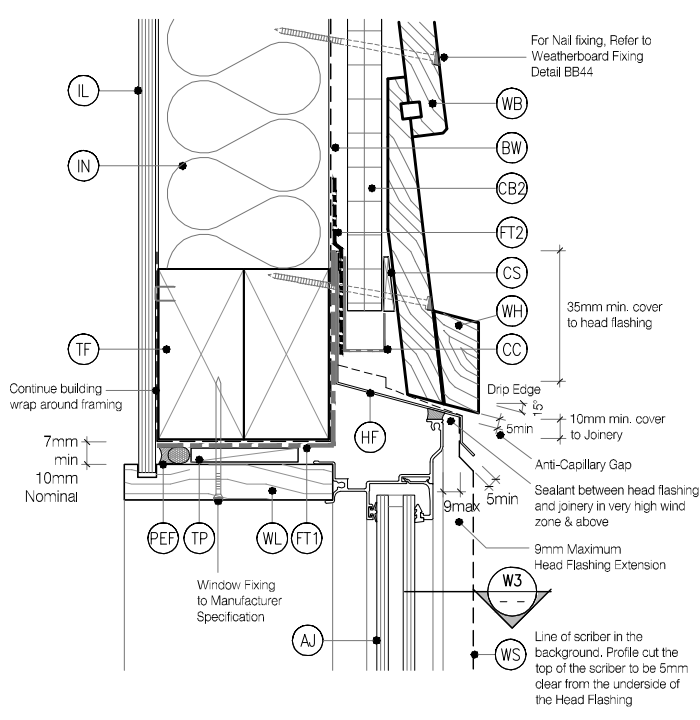
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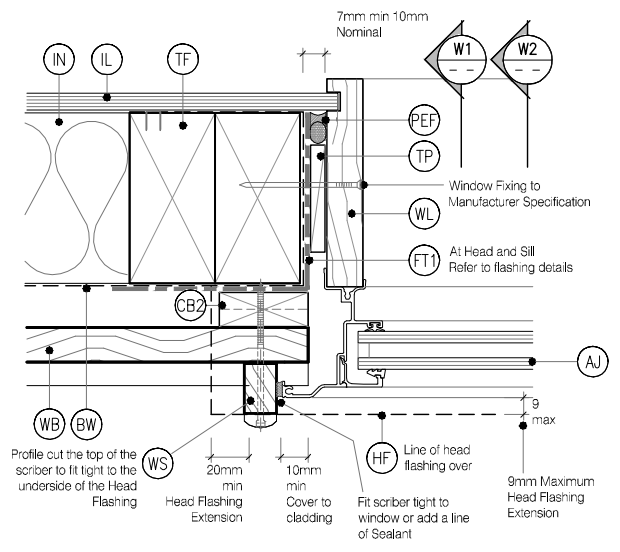


**A.I.PdesignNZ**  
Architectural Design  
Interior Design  
Product Design

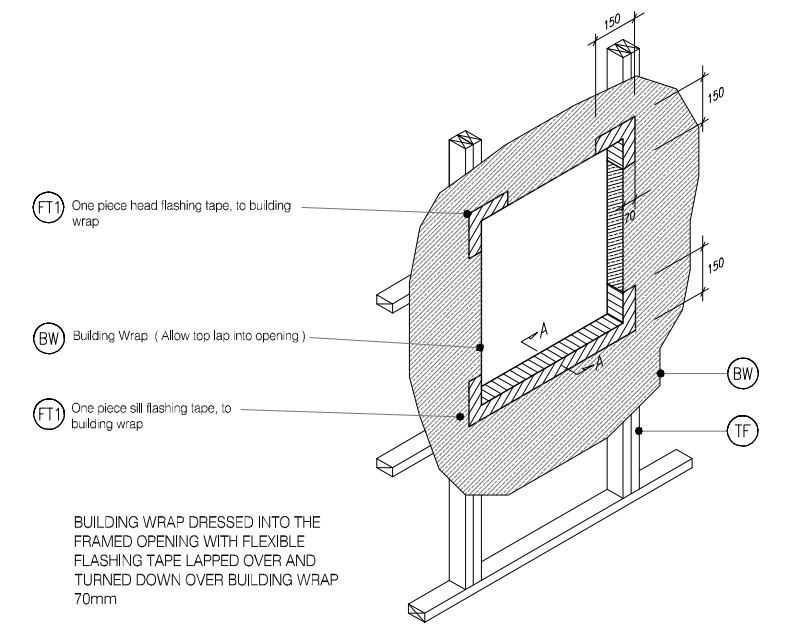
PO BOX 80169  
GREEN BAY  
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m : 027 287 3602  
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e : AIPdesignNZ@xtra.co.nz



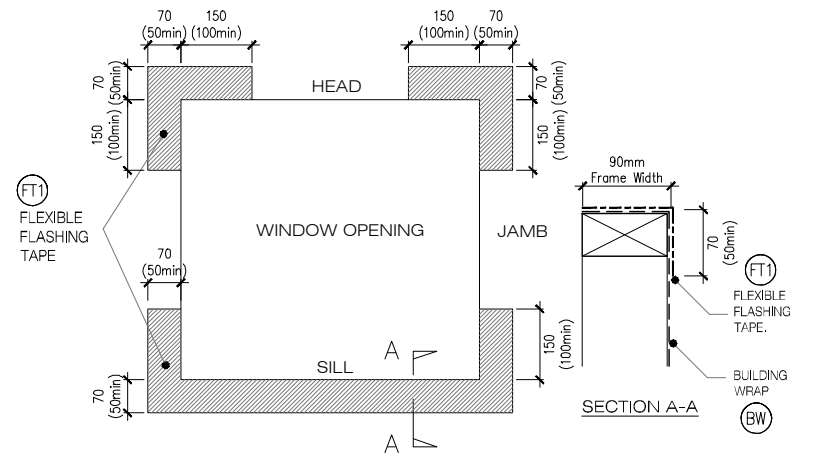
**W1 WINDOW HEAD - Bevel Back WB**  
BB10 Cavity Fix - Aluminium Joinery - Double Glazing  
SCALE 1:2 @ A1, 1:4 @ A3



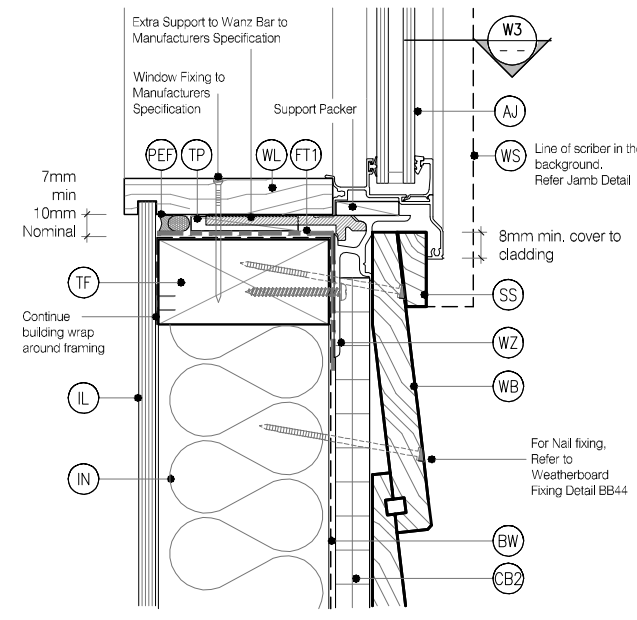
**W3 WINDOW JAMB - Bevel Back WB**  
BB12 Cavity Fix - Aluminium Joinery - Double Glazing  
SCALE 1:2 @ A1, 1:4 @ A3



**W4 TYPICAL WINDOW OPENING ( FLASHING TAPE )**  
BB13 SCALE : N.T.S



**W5 FLEXIBLE BUILDING WRAP AT OPENING**  
BB13 SCALE : 1 / 5 @ A1, 1 / 10 @ A3



**W2 WINDOW SILL - Bevel Back WB**  
BB11 Cavity Fix - Aluminium Joinery - Double Glazing  
SCALE 1:2 @ A1, 1:4 @ A3

**LEGEND :**

- AJ** ALUMINIUM JOINERY: Selected double glazed aluminium joinery. To E2/AS1 9.1.10
- BW** BUILDING WRAP: Flexible Wall Underlay. As per NZBC E2/AS1 - Table 23, In extra high wind zones, Rigid Underlay required ( 9.1.7.2 E2/AS1 )
- CB2** CAVITY BATTEN, VERTICAL: 20mm x 45mm H3.1. To form a 20mm cavity.
- CB3** CAVITY BATTEN, VERTICAL - STRUCTURALLY FIXED : 45mm x 45mm SPP Radiata Pine, H3.2 70mm x 45mm SPP Radiata Pine, H3.2 To form a 45mm cavity
- CS** CANT STRIP: Southern Pine H3.1 Cant Strip 25mm x 9 mm
- SS** SILL SCRIBER: Southern Pine H3.2, Horizontal batten under window as necessary to suit profile, sealant to back of sill scriber
- IL** INSULATION: Selected Insulation
- WH** WEATHERHEAD: ( OPTIONAL ) Southern Pine H3.2, Horizontal batten above window as necessary to suit profile, shaped to shed water, sealant to back of head scriber
- WL** WINDOW LINER: As Specified
- WS** WINDOW SCRIBER: Southern Pine H3.1, profile cut to fit weatherboard, sealant to back of scriber and 75 x 3.15mm 316 Stainless Steel nail in 3mm predrilled hole. 40x18 or 60x18 depending on weatherboard size
- WZ** WANZ SUPPORT: Provide window support as required by joinery manufacturer
- TF** TIMBER FRAME: H1.2 min treated timber framing
- WB** WEATHER BOARD: Southern Pine Bevel Back Weatherboard. Profile to NZS 3617
- IN** INSULATION: Selected Insulation
- WH** WEATHERHEAD: ( OPTIONAL ) Southern Pine H3.2, Horizontal batten above window as necessary to suit profile, shaped to shed water, sealant to back of head scriber
- WL** WINDOW LINER: As Specified
- WS** WINDOW SCRIBER: Southern Pine H3.1, profile cut to fit weatherboard, sealant to back of scriber and 75 x 3.15mm 316 Stainless Steel nail in 3mm predrilled hole. 40x18 or 60x18 depending on weatherboard size
- WZ** WANZ SUPPORT: Provide window support as required by joinery manufacturer
- 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
- PEF** PEF ROD BACKING: Foam backing rod with sealant to cavity in Window perimeter that forms a waterproof air-seal. ( Sealant 2:1 Ratio )
- TP** TIMBER PACKER: Tan H3.2 Treated Packer

NOTE : Where 75x3.15 jolt head nails are referenced, these may be substituted for 75mm jolt head weatherboard screws

**GENERAL NOTES :**

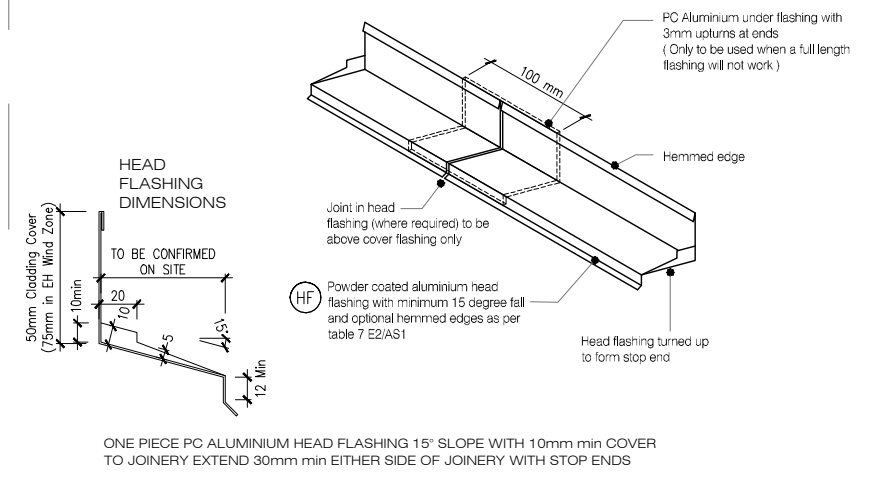
1. Southern Pine Products must be installed by a suitably qualified and experienced trade person. Where Restricted Building Work (RBW) is required, the installer shall be a Licensed Building Practitioner (LBP) or supervised by LBP.
2. Weatherboards must be dry and free of any contamination.
3. Board lengths must be optimised prior to 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 responsible to confirm the RISK MATRIX, RISK SCORE & SUITABLE CLADDINGS
6. FROM TABLE 3 E2/AS1				
<b>RISK SCORE</b>	<b>DIRECT FIX</b>	<b>20mm CAVITY FIX</b>		
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.

**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 )



**W6 TYPICAL HEAD & FLASHING JOINT**  
BB13 SCALE : 1 / 2 @ A1, 1 / 4 @ A3

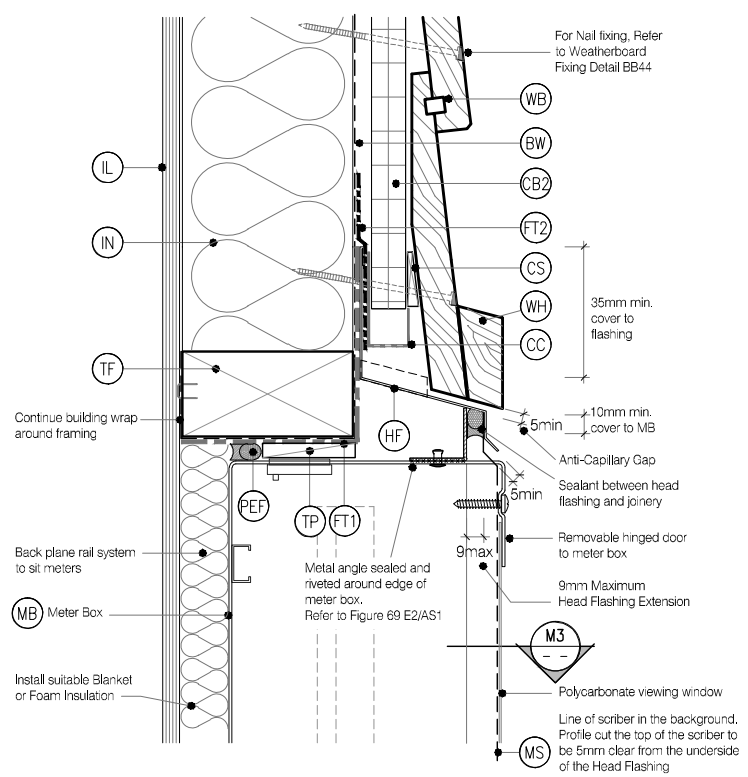


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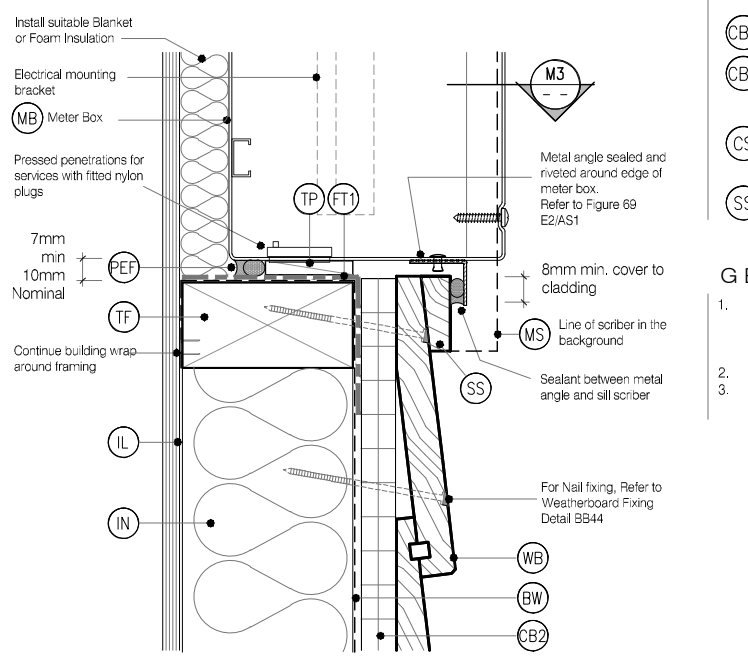
TYPE Southern Pine Products - H3.2 Treated Timber  
Bevel Back Weatherboard - Cavity Fix  
NAME HEAD, SILL, JAMB & FLASHING - WINDOW DETAILS



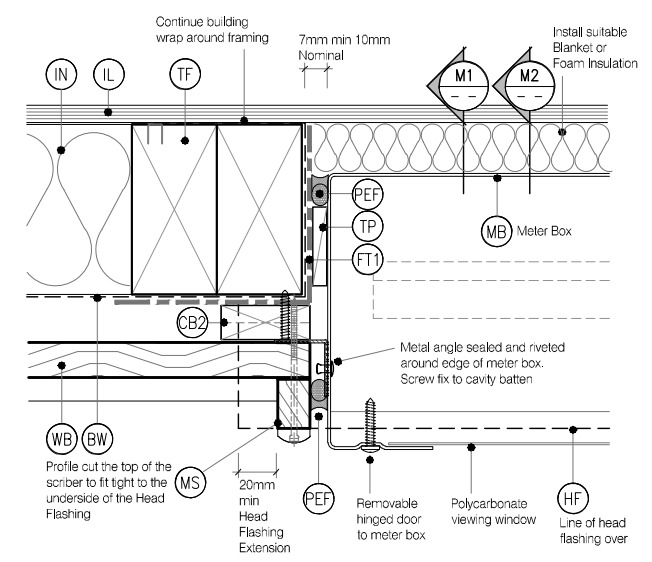
DRAWING SCALE 1:2 @ A1 1:4 @ A3	ISSUE DATE NOV 2023
DRAWING No SPP CF20 BB15	REVISION



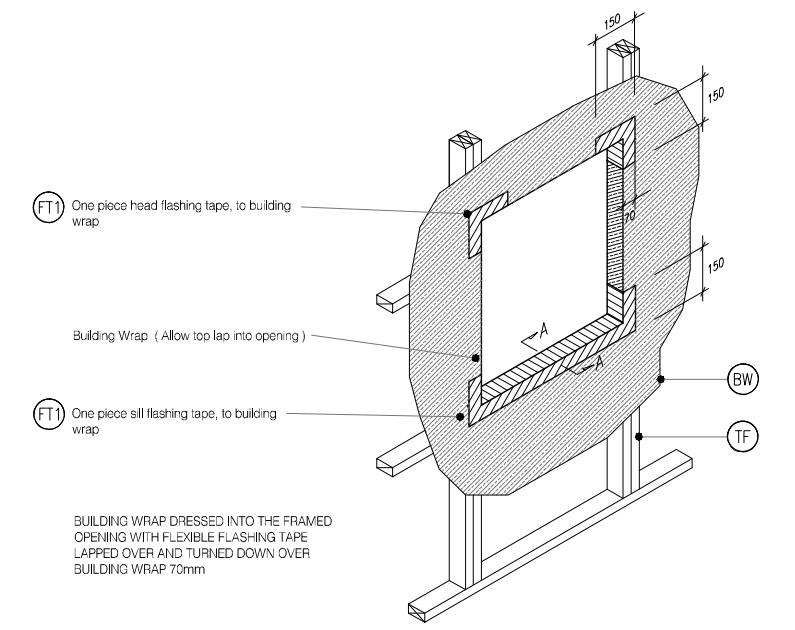
**M1** METER BOX HEAD  
BB30 Cavity Fix - Bevel Back Weather Boards  
SCALE 1:2 @ A1, 1:4 @ A3



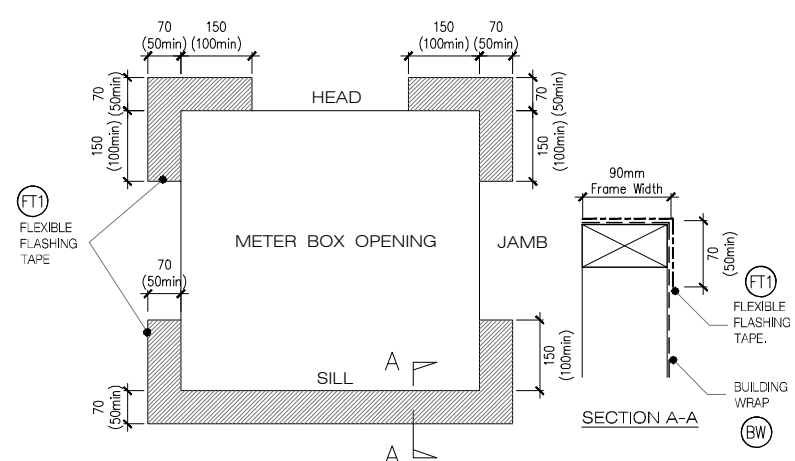
**M2** METER BOX SILL  
BB31 Cavity Fix - Bevel Back Weather Boards  
SCALE 1:2 @ A1, 1:4 @ A3



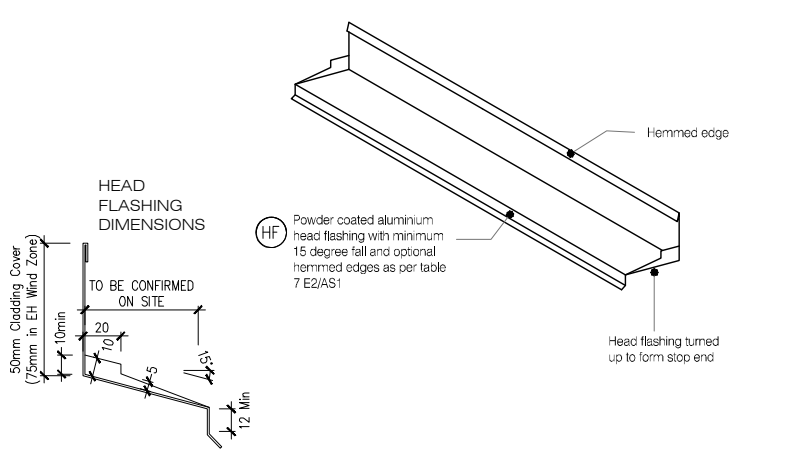
**M3** METER BOX JAMB  
BB32 Cavity Fix - Bevel Back Weather Boards  
SCALE 1:2 @ A1, 1:4 @ A3



**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



**M6** TYPICAL HEAD & FLASHING JOINT  
BB33 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, Rigid Underlay required ( 9.1.7.2 E2/AS1 )
- CB2** CAVITY BATTEN, VERTICAL: 20mm x 45mm H3.1. To form a 20mm cavity.
- CB3** CAVITY BATTEN, VERTICAL - STRUCTURALLY FIXED : 45mm x 45mm SPP Radiata Pine, H3.2 70mm x 45mm SPP Radiata Pine, H3.2 To form a 45mm cavity
- CS** CANT STRIP: Southern Pine H3.1 Cant Strip 25mm x 9 mm
- SS** SILL SCRIBER: Southern Pine H3.2, Horizontal batten under window as necessary to suit profile, sealant to back of sill scriber  
NOTE : Where 75x3.15 jolt head nails are referenced, these may be substituted for 75mm jolt head weatherboard screws
- 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
- PEF** PEF ROD BACKING: Foam backing rod with sealant to cavity in Window perimeter that forms a waterproof air-seal. ( Sealant 2:1 Ratio )
- TP** TIMBER PACKER: Tan H3.2 Treated Packer
- TF** TIMBER FRAME: H1.2 min treated timber framing
- IN** INSULATION: Selected Insulation
- WB** WEATHER BOARD: Southern Pine Bevel Back Weatherboard. Profile to NZS 3617
- 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 H3.1, profile cut to fit weatherboard, sealant to back of scriber and 75 x 3.15mm 316 Stainless Steel nail in 3mm predrilled hole. 40x18 or 60x18 depending on weatherboard size

**GENERAL NOTES :**

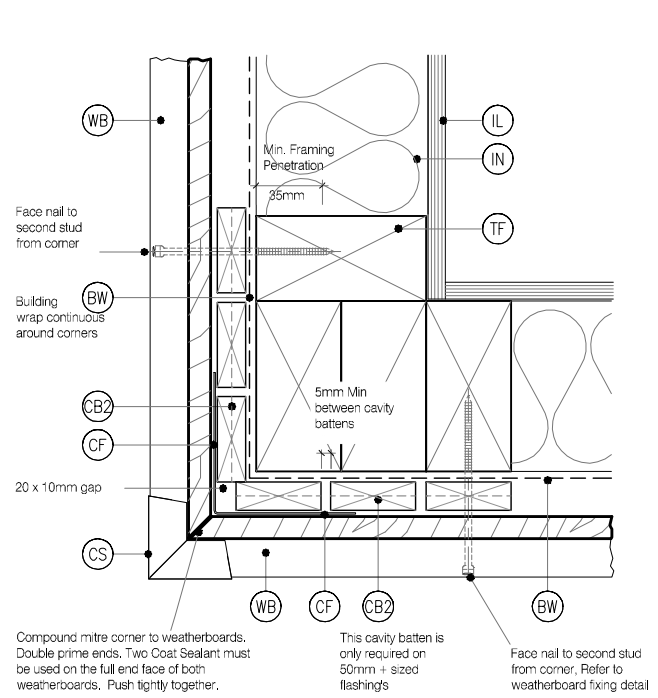
1. Southern Pine Products must be installed by a suitably qualified and experienced trade person. Where Restricted Building Work (RBW) is required, the installer shall be a Licensed Building Practitioner (LBP) or supervised by LBP.
2. Weatherboards must be dry and free of any contamination.
3. Board lengths must be optimised prior to 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 :**

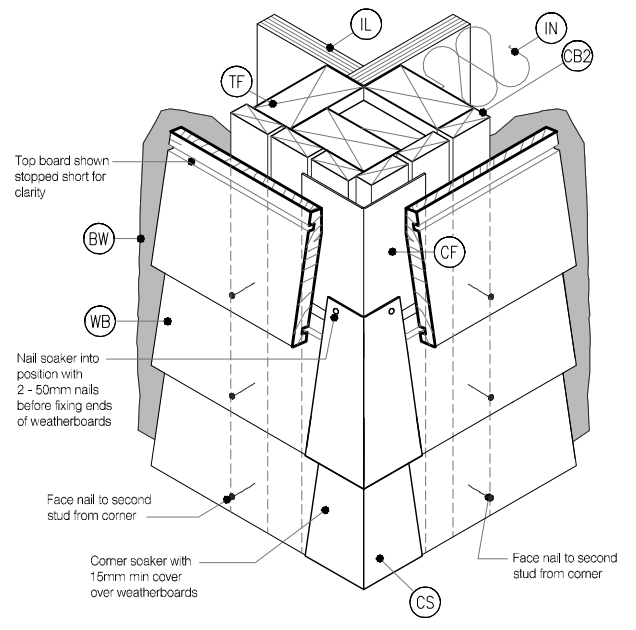
RISK SCORE	DIRECT FIX	20mm CAVITY FIX
0 - 6	Timber Weather Boards ( All Types )	( Not Required )
7 - 12	Bevel Back Timber WB Vertical Timber Board & Batten	Rusticated WB
13 - 20	( Direct Fix NOT Allowed )	Rusticated WB B.B Timber WB
20 +	( Redesign or Specific Design )	

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

- 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 )

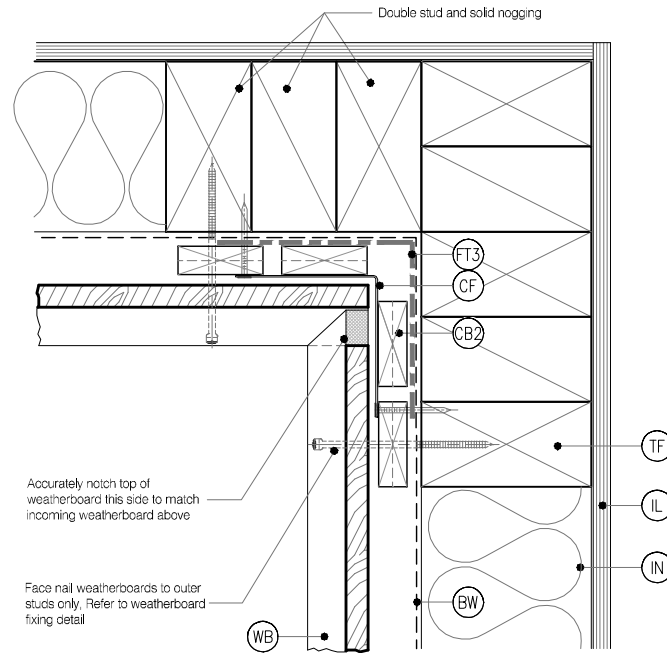


**C1** EXTERNAL CORNER SOAKER  
BB40  
Cavity Fix - Bevel Back WB  
SCALE 1:2 @ A1, 1:4 @ A3



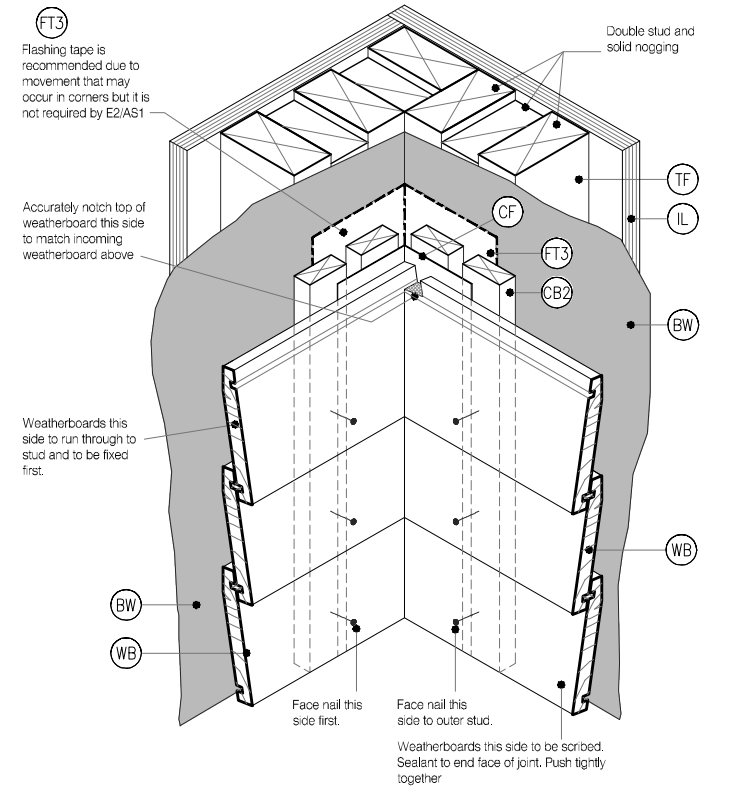
Soaker material	Nail material
Copper	Copper or phosphor bronze
Aluminium	Hot dip galvanised
Stainless steel	Stainless steel

**C2** 3D EXTERNAL CORNER SOAKER  
BB41  
Cavity Fix - Bevel Back WB  
SCALE : N.T.S

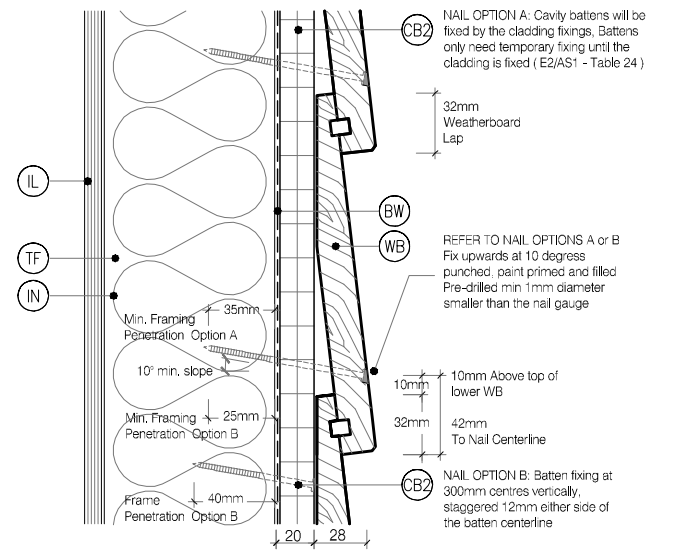


**DETAIL NOTES :**  
1. Flashing tape is recommended due to movement that may occur in corners but it is not required by E2/AS1  
2. Aluminium extrusion must not be continuous over solid floor joists.

**C3** INTERNAL CORNER  
BB42  
Cavity Fix - Bevel Back WB  
SCALE 1:2 @ A1, 1:4 @ A3



**C4** 3D INTERNAL CORNER  
BB43  
Cavity Fix - Bevel Back WB  
SCALE : N.T.S



**NAIL OPTION A - One Nail to Framing**  
(Refer E2/AS1 - Table 24)  
WEATHERBOARD & CAVITY BATTEN FIXING  
90 x 3.55mm Jolt Head, Hot Dip Galvanised Nail OR  
75 x 3.15mm CSK Annular Grooved, HD Galv Nail  
75 x 3.15mm CSK Annular Grooved, SS Nail

**NAIL OPTION B - Structurally Fixed Cavity Batten**  
(Refer BRANZ Bulletin No 582 & Test Report ST0589)  
BATTEN FIXING OPTION  
60 x 2.8mm Jolt Head, Hot Dip Galvanised Nail  
65 x 2.87mm Power Driver, Hot Dip Galvanised Nail  
65 x 2.87mm Power Driver, Annular Grooved SS Nail

**C5** WEATHERBOARD FIXING  
BB44  
Cavity Fix - Bevel Back 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, Rigid Underlay required (9.1.7.2 E2/AS1)
- CB2** CAVITY BATTEN, VERTICAL: 20mm x 45mm H3.1. To form a 20mm cavity.
- CB3** CAVITY BATTEN, VERTICAL - STRUCTURALLY FIXED: 45mm x 45mm SPP Radiata Pine, H3.2 70mm x 45mm SPP Radiata Pine, H3.2 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
- IL** INTERNAL LINING: Selected Internal Lining
- 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
- TF** TIMBER FRAME: H1.2 min Treated timber framing
- WB** WEATHER BOARD: Southern Pine Bevel Back Weatherboard. Profile to NZS 3617
- IN** INSULATION: Selected Insulation
- CC** CAVITY CLOSURE: Cavity closure strip, positioned to give a 15mm Min drip edge to cladding

**GENERAL NOTES :**

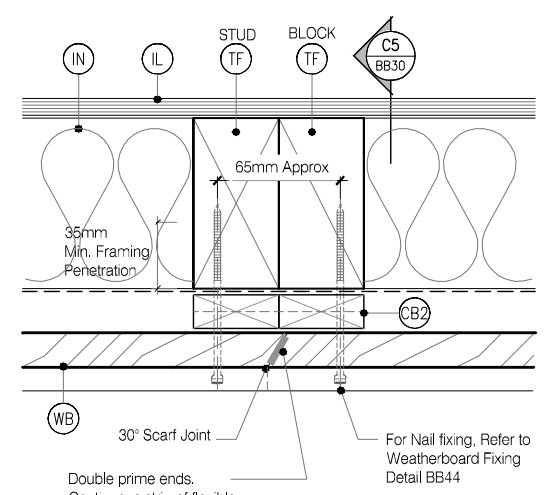
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- Flashings at corners, doors, windows and wall intersections must be installed to prevent water from entering the cavity.

**HOW TO DETERMINE THE TIMBER WEATHERBOARD STRUCTURE :**

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

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** SCARF JOINT - HORIZONTAL  
BB45  
Cavity Fix - Bevel Back WB  
SCALE 1:2 @ A1, 1:4 @ A3

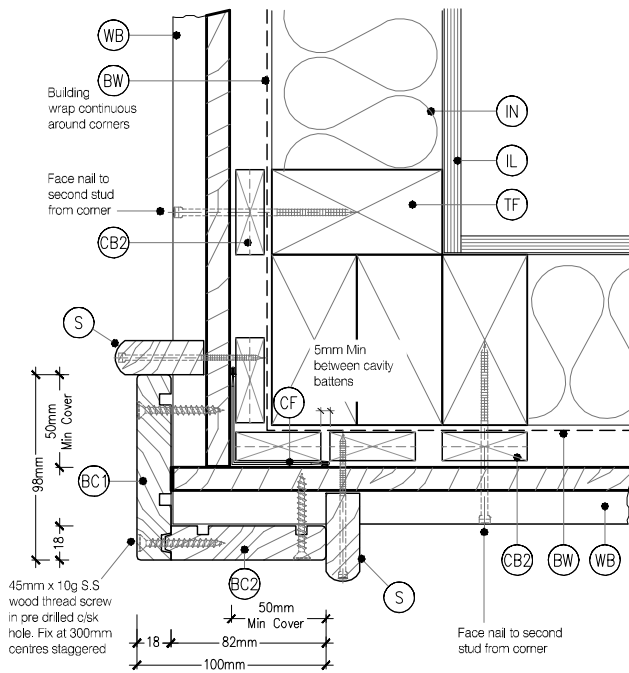


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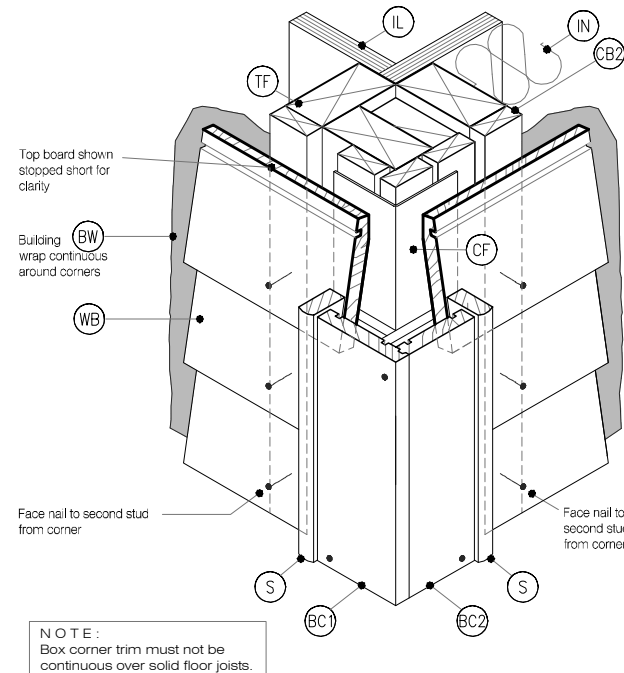
TYPE Southern Pine Products - H3.2 Treated Timber  
Bevel Back Weatherboard - Cavity Fix  
NAME EXTERNAL & INTERNAL - GENERAL  
DETAILS 01



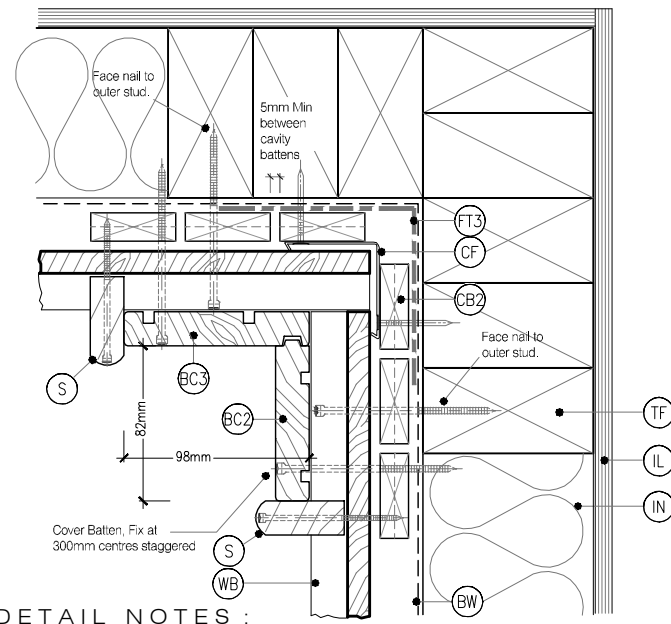
DRAWING SCALE 1:2 @ A1 1:4 @ A3	ISSUE DATE NOV 2023
DRAWING No SPP CF20 BB46	REVISION



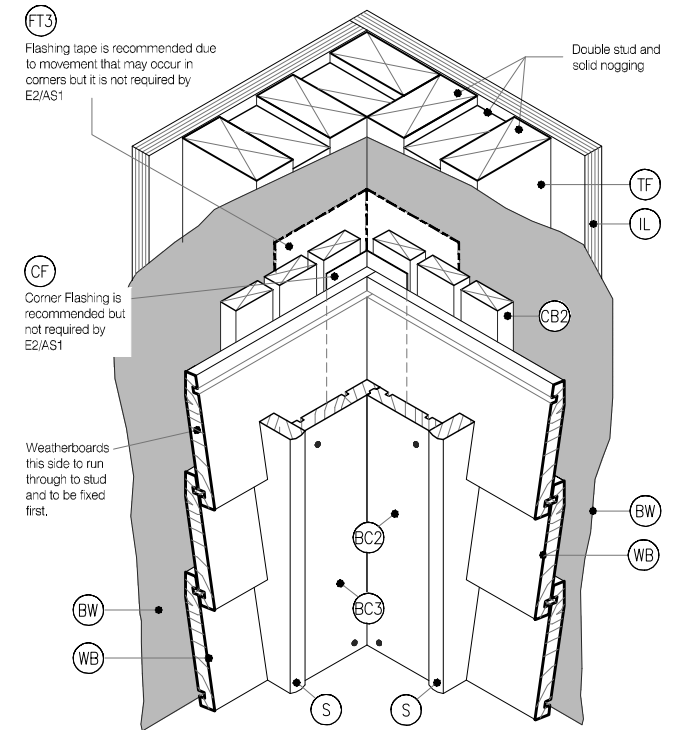
**C10** EXTERNAL BOXED CORNER  
BB50  
Cavity Fix - Bevel Back WB  
SCALE 1:2 @ A1, 1:4 @ A3



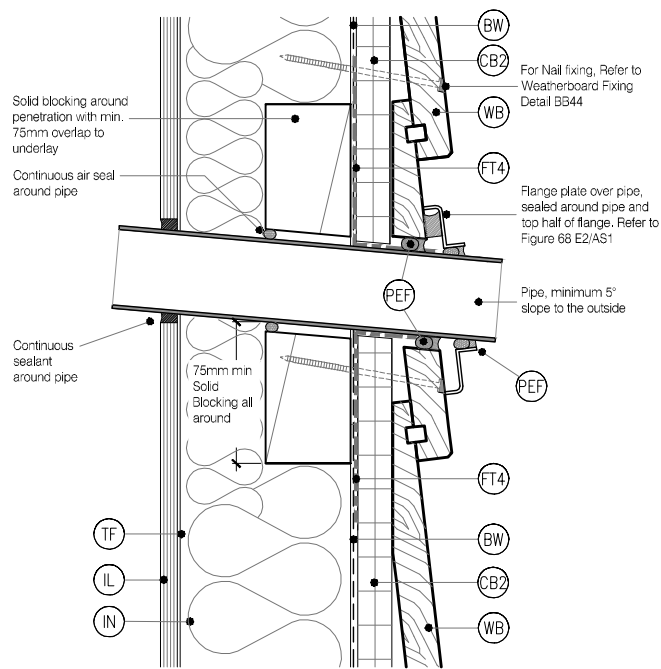
**C11** 3D - EXTERNAL BOXED CORNER  
BB51  
Cavity Fix - Bevel Back WB  
SCALE : N.T.S



**C12** INTERNAL BOXED CORNER  
BB52  
Cavity Fix - Bevel Back WB  
SCALE 1:2 @ A1, 1:4 @ A3



**C13** 3D - INTERNAL BOXED CORNER  
BB53  
Cavity Fix - Bevel Back WB  
SCALE : N.T.S



**C14** PIPE PENETRATION  
BB54  
Cavity Fix - Bevel Back WB  
SCALE 1:2 @ A1, 1:4 @ A3

**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
- CB2** CAVITY BATTEN, VERTICAL : 20mm x 45mm H3.1, To form a 20mm cavity.
- CB3** CAVITY BATTEN, VERTICAL - STRUCTURALLY FIXED : 45mm x 45mm SPP Radiata Pine, H3.2 70mm x 45mm SPP Radiata Pine, H3.2 To form a 45mm cavity
- 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)
- 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
- 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
- PEF** PEF ROD BACKING: Foam backing rod with sealant to perimeter that forms a waterproof air-seal. ( Sealant 2:1 Ratio )
- TF** TIMBER FRAME: H1.2 min treated timber framing
- IL** INTERNAL LINING: Selected Internal Lining
- WB** WEATHER BOARD: Southern Pine Bevel Back Weatherboard. Profile to NZS 3617
- WS** SCRIBER: Southern Pine H3.1, profile cut to fit weatherboard, sealant to back of scriber and 75 x 3.15mm 316 Stainless Steel nail in 3mm predrilled hole. 40x18 or 60x18 depending on weatherboard size

**GENERAL NOTES :**

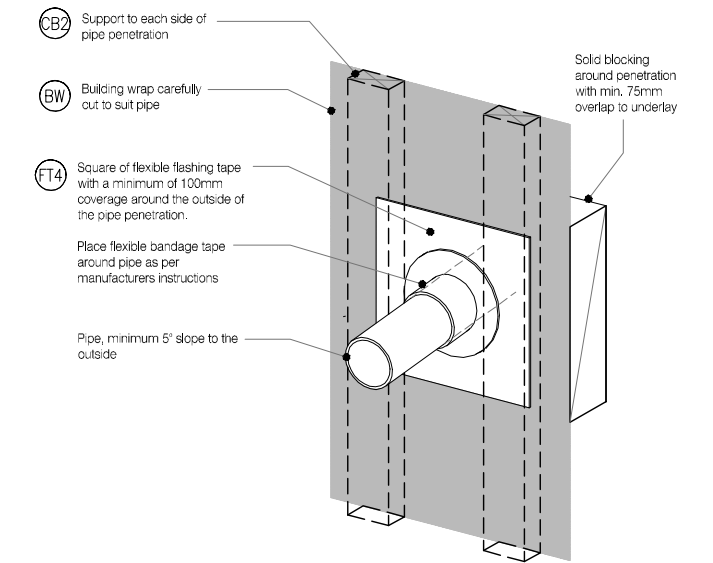
1. Southern Pine Products must be installed by a suitably qualified and experienced trade person. Where Restricted Building Work (RBW) is required, the installer shall be a Licensed Building Practitioner (LBP) or supervised by LBP.
2. Weatherboards must be dry and free of any contamination.
3. Board lengths must be optimised prior to 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 :**

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.

- 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 )



**C15** 3D PIPE PENETRATION  
BB55  
Cavity Fix - Bevel Back WB  
SCALE : N.T.S



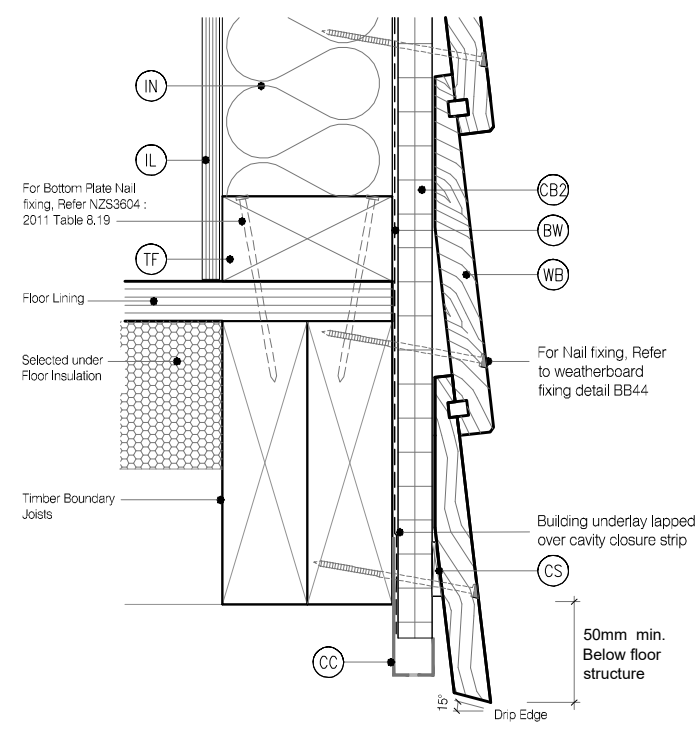
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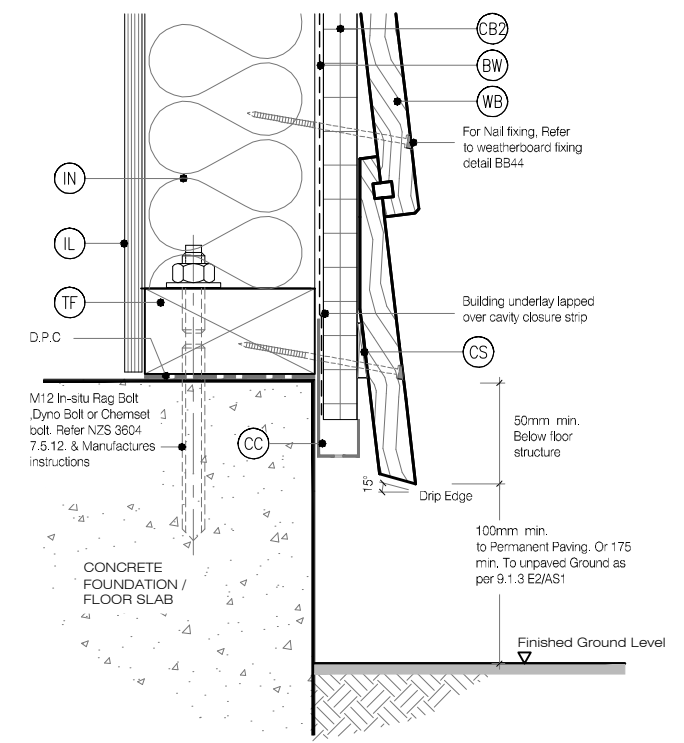
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Bevel Back Weatherboard - Cavity Fix  
NAME EXTERNAL, INTERNAL & PENETRATION -  
GENERAL DETAILS 02



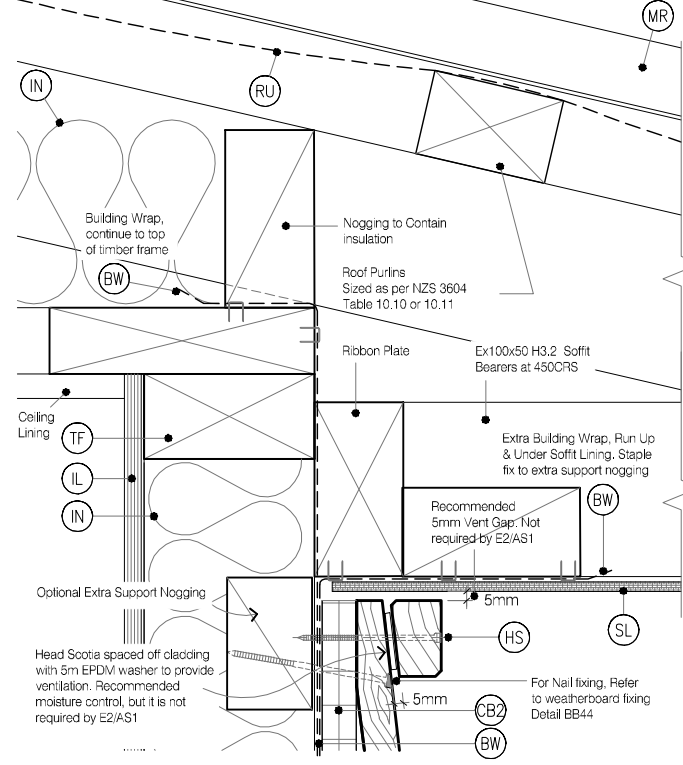
DRAWING SCALE 1:2 @ A1 1:4 @ A3  
ISSUE DATE NOV 2023  
DRAWING No SPP CF20 BB56  
REVISION



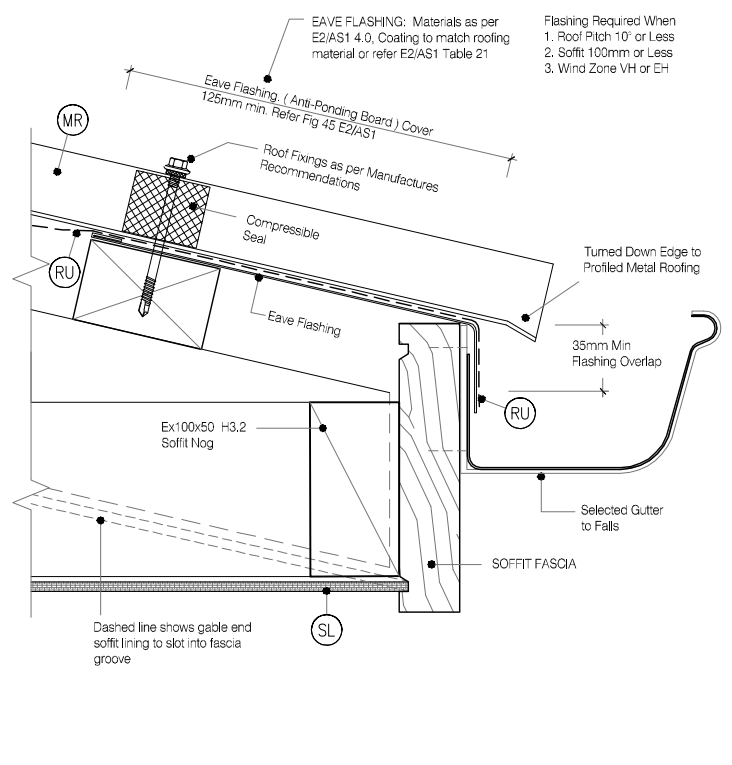
**C16** BASE OF WALL, TIMBER  
**BB60** Cavity Fix - Bevel Backed Weatherboards  
 SCALE 1:2 @ A1, 1:4 @ A3



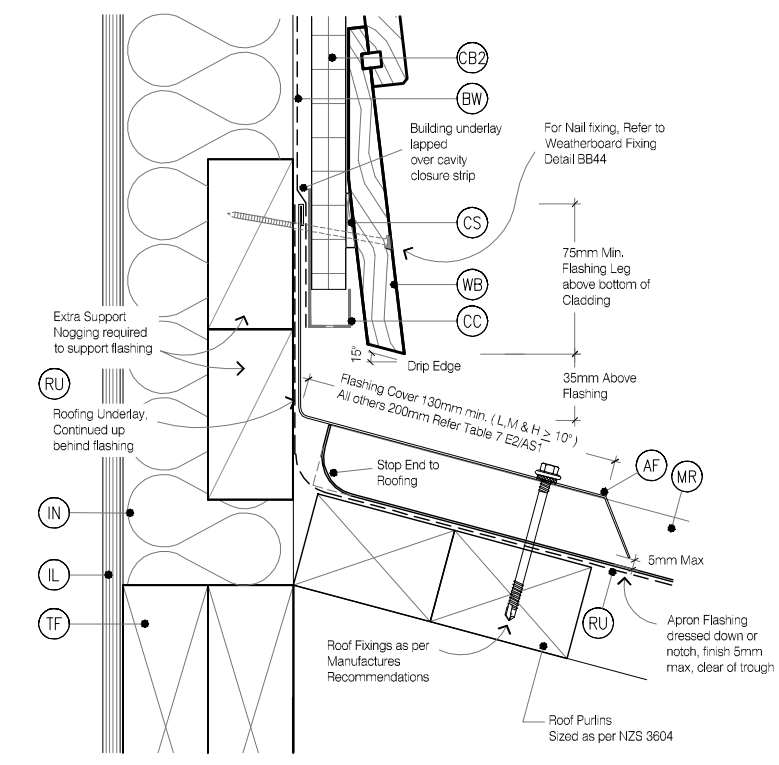
**C17** BASE OF WALL, CONCRETE  
**BB61** Cavity Fix - Bevel Backed Weatherboards  
 SCALE 1:2 @ A1, 1:4 @ A3



**C18** WALL TO SOFFIT DETAIL  
**BB62** Cavity Fix - Bevel Back WB  
 SCALE 1:2 @ A1, 1:4 @ A3



**C19** SOFFIT DETAIL  
**BB63** Cavity Fix - Bevel Back WB  
 SCALE 1:2 @ A1, 1:4 @ A3



**C15** APRON FLASHING ROOF TO WALL JUNCTION  
**BB64** Cavity Fix - Bevel Back 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, Rigid Underlay required (9.1.7.2 E2/AS1)
- 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
- CB2** CAVITY BATTEN, VERTICAL: 20mm x 45mm H3.1. To form a 20mm cavity.
- CB3** CAVITY BATTEN, VERTICAL - STRUCTURALLY FIXED: 45mm x 45mm SPP Radiata Pine, H3.2 70mm x 45mm SPP Radiata Pine, H3.2 To form a 45mm cavity
- HS** HEAD SOFFIT SCRIBER: Southern Pine Eaves Mould EM40x27. Fix with 75 x 3.15 316 SS nail in 2.5mm predrilled hole (spaced off cladding with 5mm EPDM washer to provide ventilation. Recommended moisture control, but not required by E2/AS1
- MR** METAL ROOFING: Selected Metal Roofing
- CS** CANT STRIP: Southern Pine H3.1 Cant Strip 25mm x 9 mm
- SL** SOFFIT LINING: Selected Soffit Lining
- TP** TIMBER PACKER: Cant Strip, H3.2 Treated at 300crs to allow ventilation over the top of the wall.
- TF** TIMBER FRAME: H1.2 min treated timber framing
- RU** ROOFING UNDERLAY: Selected Roofing Underlay As Per AS/AZS4200 with Mesh or Self Supported by E2/AS1
- WB** WEATHER BOARD: Southern Pine Bevel Back Weatherboard. Profile to NZS 3617

NOTE: Where 75x3.15 jolt head nails are referenced, these may be substituted for 75mm jolt head weatherboard screws

**GENERAL NOTES:**

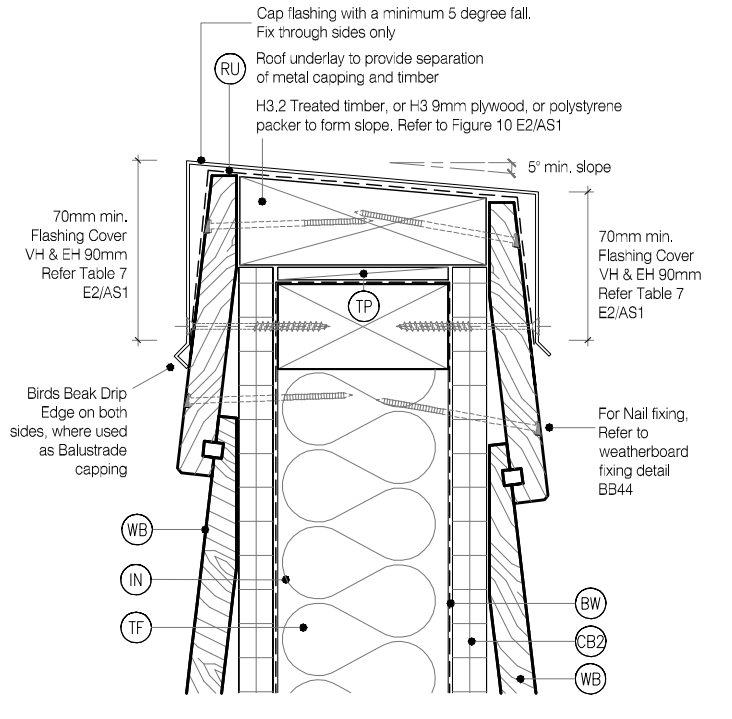
1. Southern Pine Products must be installed by a suitably qualified and experienced trade person. Where Restricted Building Work (RBW) is required, the installer shall be a Licensed Building Practitioner (LBP) or supervised by LBP.
2. Weatherboards must be dry and free of any contamination.
3. Board lengths must be optimised prior to 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:**

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.

- 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 )



**C20** BALUSTARDE CAPPING OR PARAPET DETAIL  
**BB65** Cavity Fix - Bevel Back WB  
 SCALE 1:2 @ A1, 1:4 @ A3



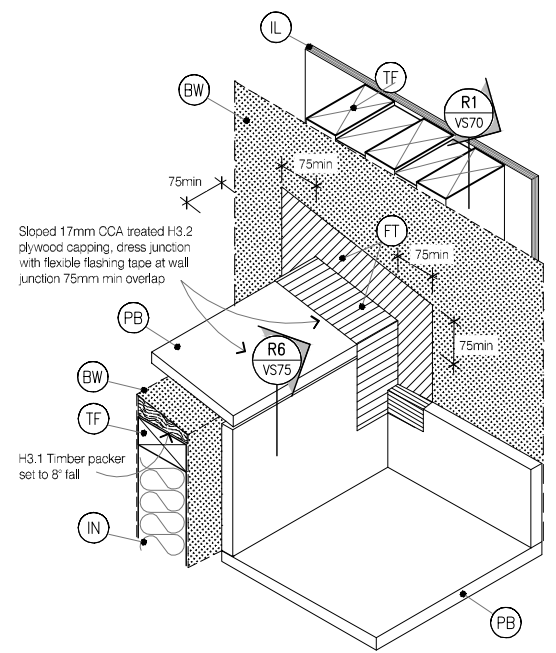
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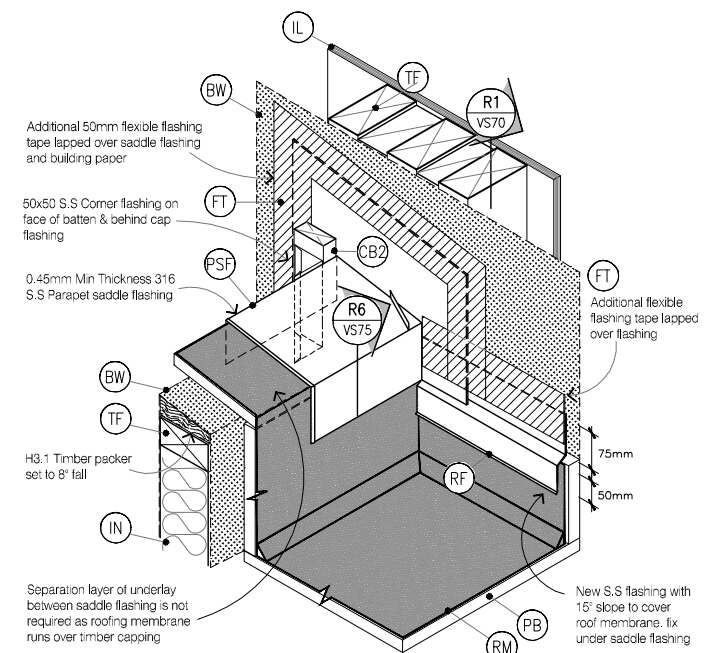
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 Bevel Back Weatherboard - Cavity Fix  
 NAME BASE, SOFFIT & APRON FLASHING - GENERAL DETAILS 03



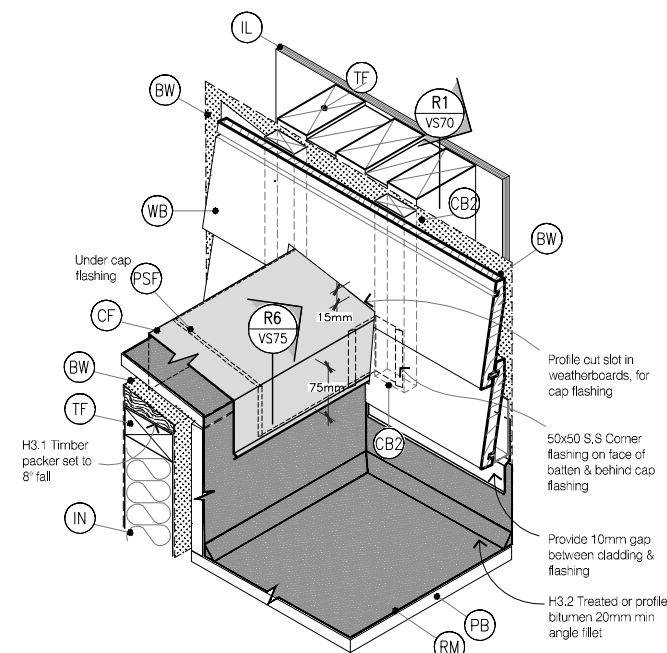
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DRAWING No SPP CF20 BB66	REVISION



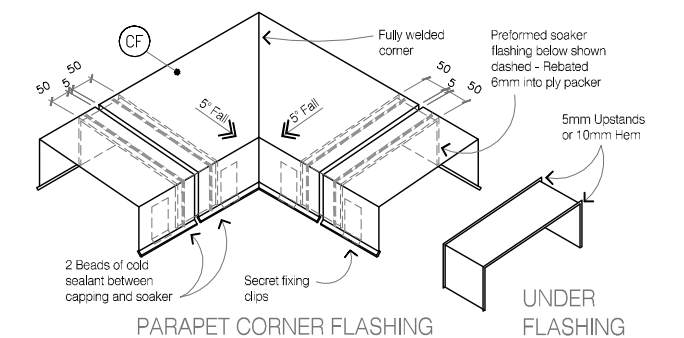
STAGE ONE



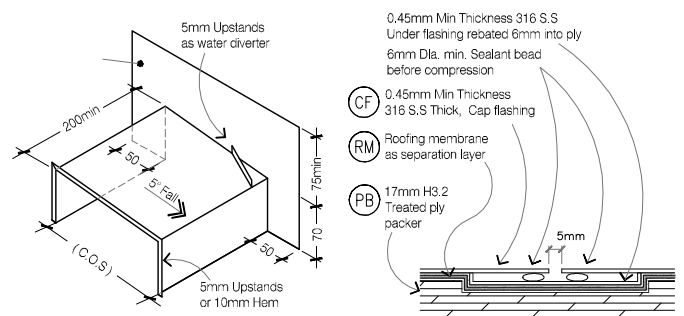
STAGE TWO



STAGE THREE



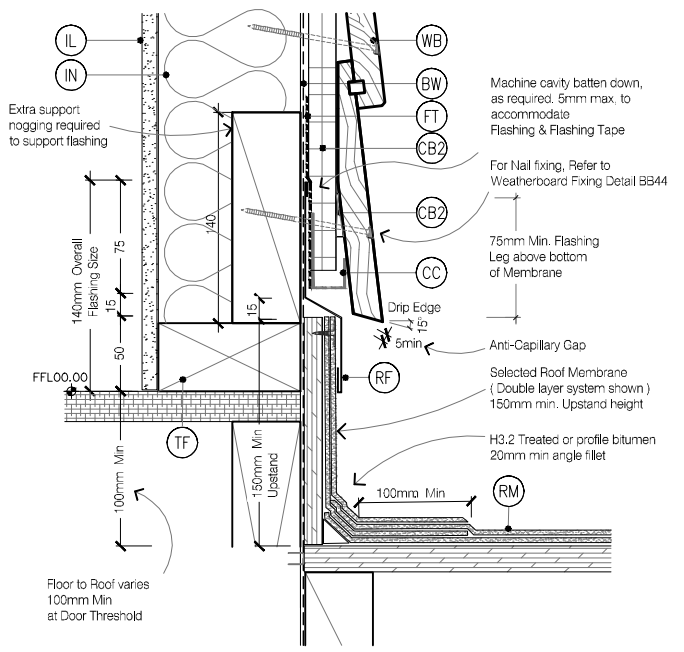
PARAPET CORNER FLASHING



SECTION THROUGH SOAKER FLASHING

**R2**  
BB71  
**DECK OR ROOF MEMBRANE PARAPET SADDLE FLASHING**  
Cavity Fix - Vertical Shiplap WB  
SCALE 1:5 @ A1, 1:10 @ A3

**R5**  
BB74  
**TYPICAL PARAPET CAPPING JOINT DETAILS**  
Cavity Fix - Vertical Shiplap WB  
SCALE 1:5 @ A1, 1:10 @ A3



**R1**  
BB70  
**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
- (CB2)** CAVITY BATTEN, VERTICAL: 20mm x 45mm H3.1. To form a 20mm cavity.
- (CB3)** CAVITY BATTEN, VERTICAL - STRUCTURALLY FIXED: 45mm x 45mm SPP Radiata Pine, H3.2 70mm x 45mm SPP Radiata Pine, H3.2 To form a 45mm cavity
- (IN)** INSULATION: Selected Insulation
- (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)
- (RF)** ROOF FLASHING: Materials as per E2/AS1 4.3
- (PB)** PLYWOOD BACKING: 17mm CCA treated H3.2 grade plywood substrate
- (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
- (CC)** CAVITY CLOSURE: Cavity closure strip, positioned to give a 15mm Min drip edge to cladding
- (TF)** TIMBER FRAME: H1.2 min treated timber framing
- (IL)** INTERNAL LINING: Selected Internal Lining
- (RM)** ROOFING MEMBRANE: Selected System on 17mm CCA treated H3.2 grade plywood glued and screwed to Rafter. Roof Membrane requires 400mm solid block support each way & solid support to all sheet edges
- (WB)** WEATHER BOARD: Southern Pine Bevel Back Weatherboard. Profile to NZS 3617

NOTE : Where 75x3.15 jolt head nails are referenced, these may be substituted for 75mm jolt head weatherboard screws

**GENERAL NOTES :**

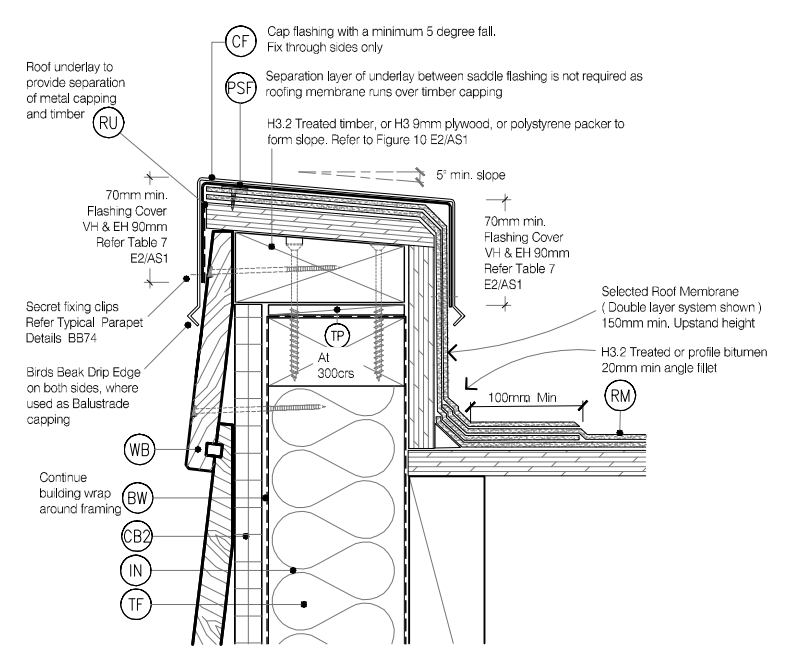
1. Southern Pine Products must be installed by a suitably qualified and experienced trade person. Where Restricted Building Work (RBW) is required, the installer shall be a Licensed Building Practitioner (LBP) or supervised by LBP.
2. Weatherboards must be dry and free of any contamination.
3. Board lengths must be optimised prior to 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 :**

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.

- 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 )



**R6**  
BB75  
**PARAPET SECTION TO MEMBRANE ROOF**  
Cavity Fix - Vertical Shiplap WB  
SCALE 1:2.5 @ A1, 1:5 @ A3



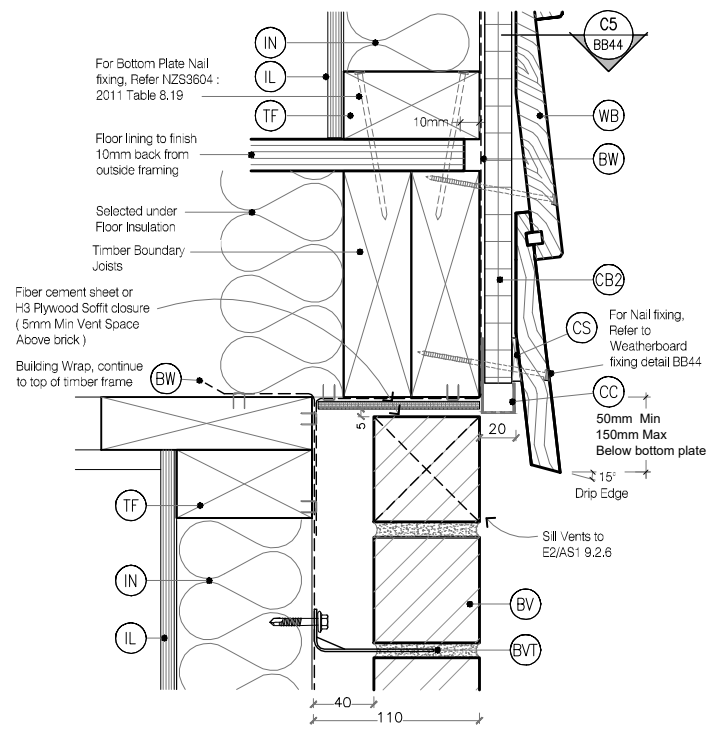
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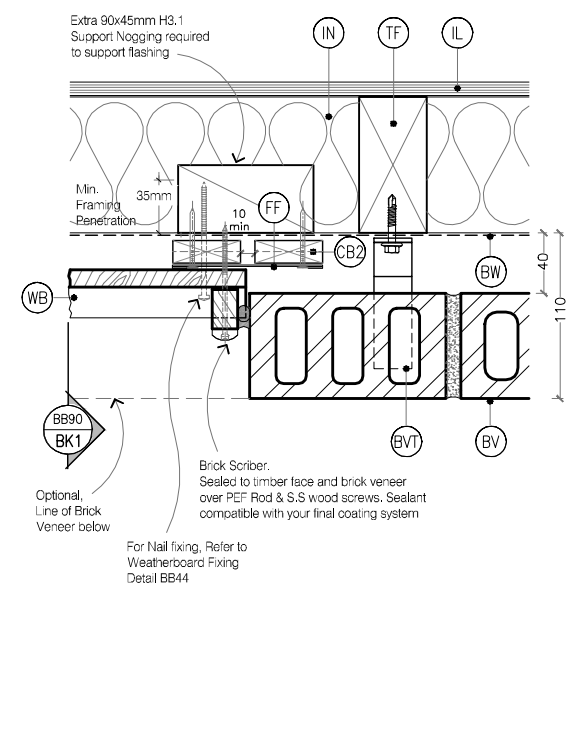
TYPE Southern Pine Products - H3.2 Treated Timber  
Bevel Back Weatherboard - Cavity Fix  
NAME WALL TO DECK MEMBRANE ROOFING -  
GENERAL DETAILS 04



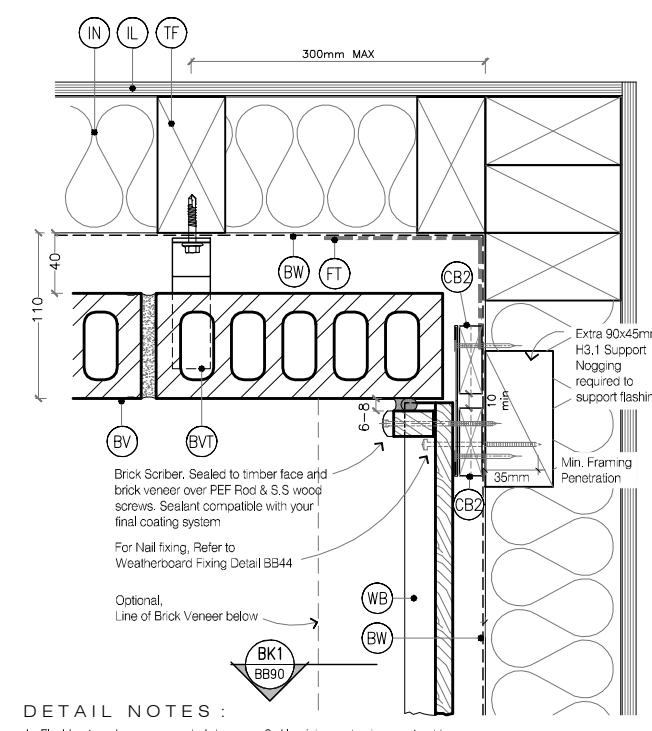
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DRAWING No SPP CF20 BB76	REVISION



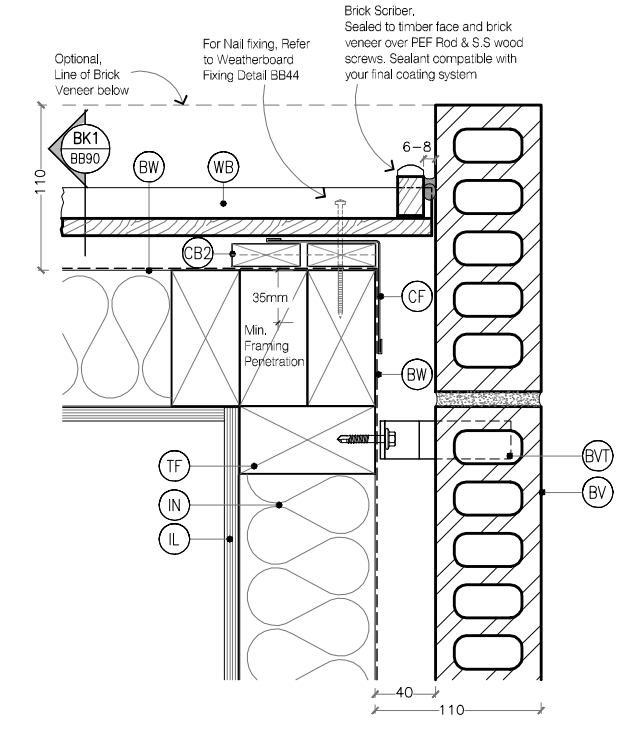
**BK2** CANTILEVER FLOOR / BRICK TO WB  
 Cavity Fix - Vertical Shiplap WB  
 SCALE 1:2.5 @ A1, 1:5 @ A3



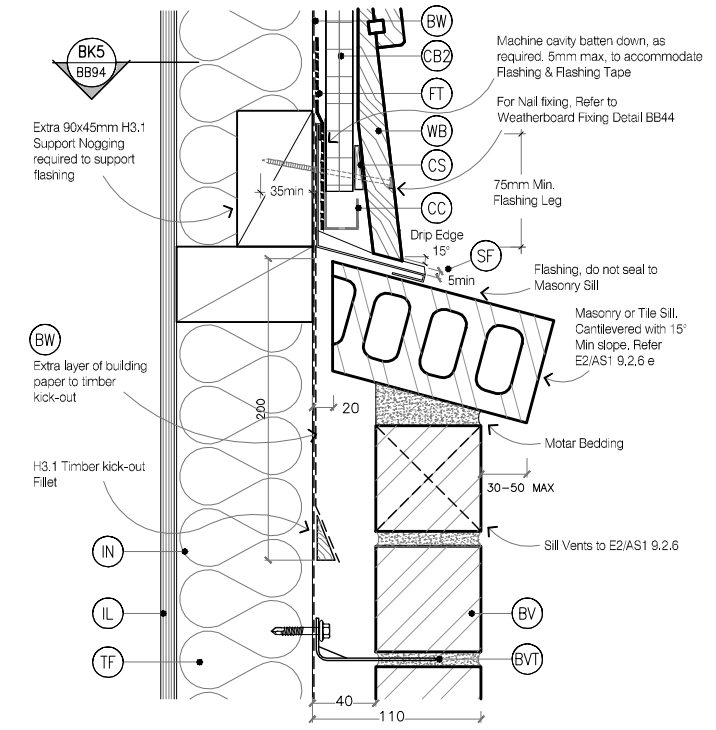
**BK3** IN-LINE JUNCTION / WB TO BRICK  
 Cavity Fix - Vertical Shiplap WB  
 SCALE 1:2.5 @ A1, 1:5 @ A3



**BK4** INTERNAL CORNER / WB TO BRICK  
 Cavity Fix - Vertical Shiplap WB  
 SCALE 1:2.5 @ A1, 1:5 @ A3



**BK5** EXTERIOR JUNCTION / WB TO BRICK  
 Cavity Fix - Vertical Shiplap WB  
 SCALE 1:2.5 @ A1, 1:5 @ A3



**BK6** 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, Rigid 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
- CB2** CAVITY BATTEN, VERTICAL: 20mm x 45mm H3.1. To form a 20mm cavity.
- CB3** CAVITY BATTEN, VERTICAL - STRUCTURALLY FIXED: 45mm x 45mm SPP Radiata Pine, H3.2 70mm x 45mm SPP Radiata Pine, H3.2 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 Bevel Back 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
- CS** CANT STRIP: Southern Pine H3.1 Cant Strip 25mm x 9 mm

**GENERAL NOTES:**

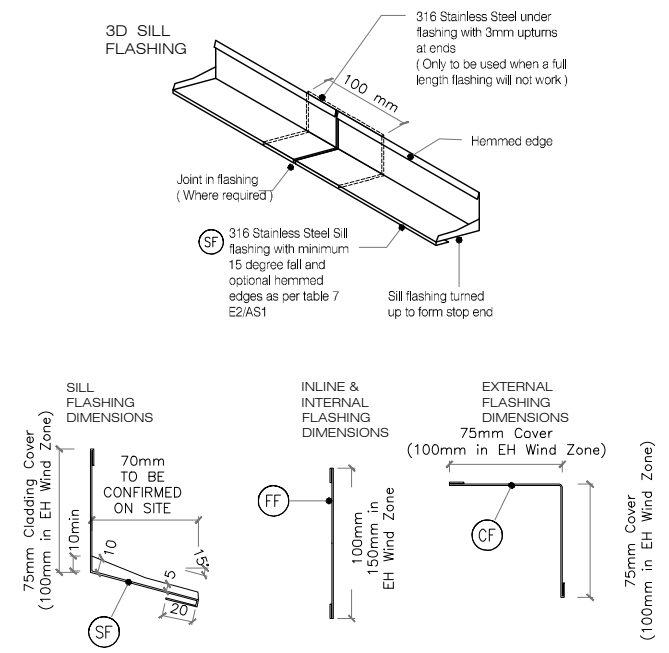
1. Southern Pine Products must be installed by a suitably qualified and experienced trade person. Where Restricted Building Work (RBW) is required, the installer shall be a Licensed Building Practitioner (LBP) or supervised by LBP.
2. Weatherboards must be dry and free of any contamination.
3. Board lengths must be optimised prior to 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:**

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.

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 responsible 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)



**BK6** FLASHINGS / WB TO BRICK  
 Cavity Fix - Vertical Shiplap WB  
 SCALE 1:2.5 @ A1, 1:5 @ A3



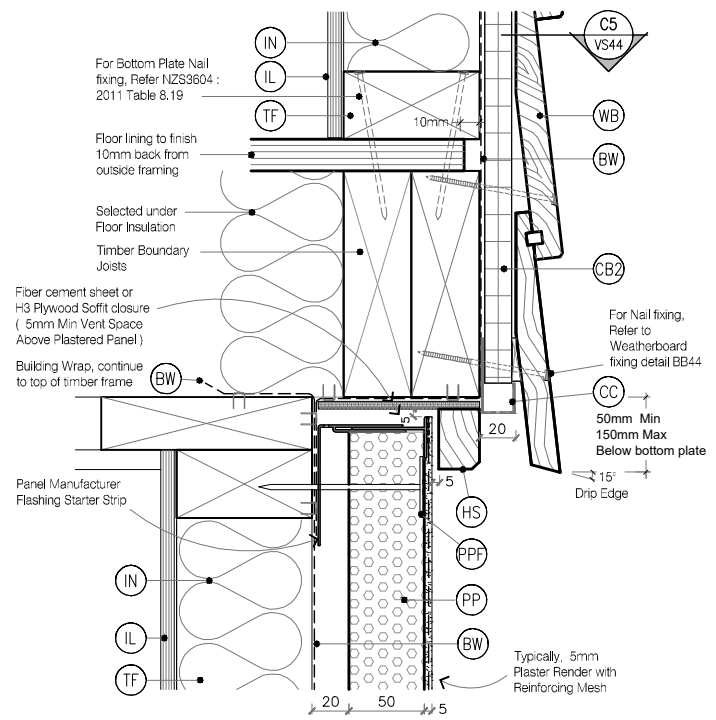
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 2. DETAILS MAY BE SUBJECT TO CHANGE WITHOUT NOTICE

TYPE Southern Pine Products - H3.2 Treated Timber  
 Bevel Back Weatherboard - Cavity Fix  
 NAME BRICK VENEER TO WEATHERBOARD  
 DETAILS - GENERAL DETAILS 06

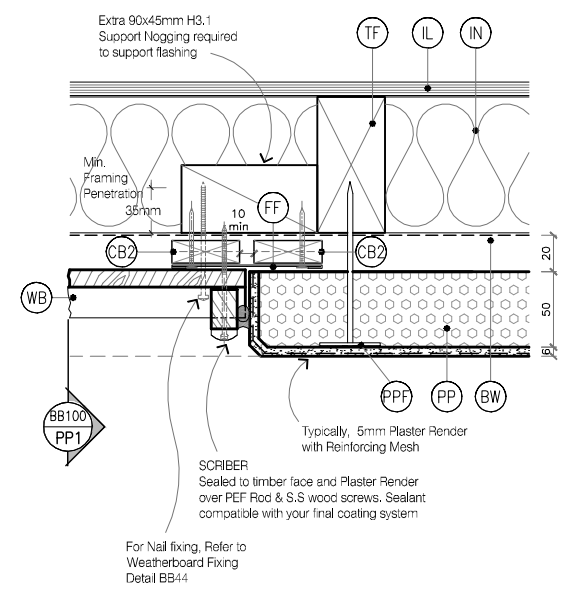


DRAWING SCALE 1:2.5 @ A1 1:5 @ A3	ISSUE DATE NOV 2023
DRAWING No SPP CF20 BB96	REVISION

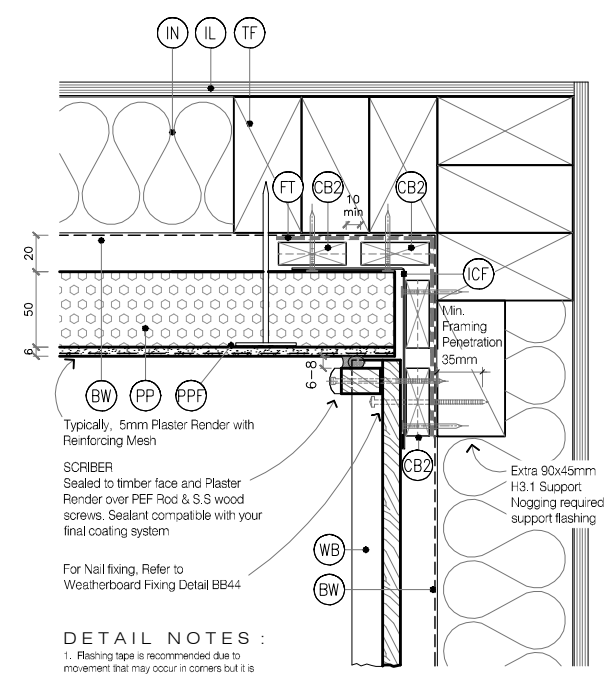




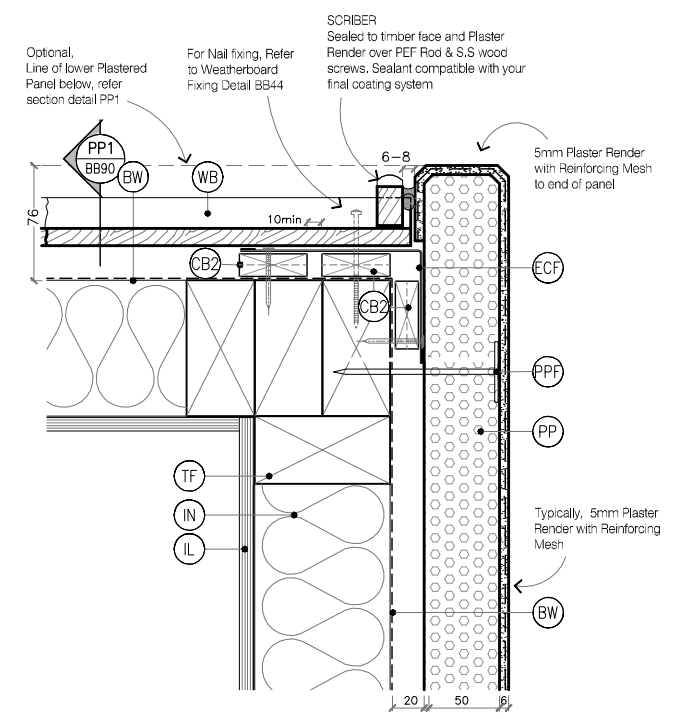
**PP2**  
BB101  
**CANTILEVER FLOOR / PLASTER PANEL TO WB**  
Cavity Fix - Vertical Shiplap WB  
SCALE 1:2.5 @ A1, 1:5 @ A3



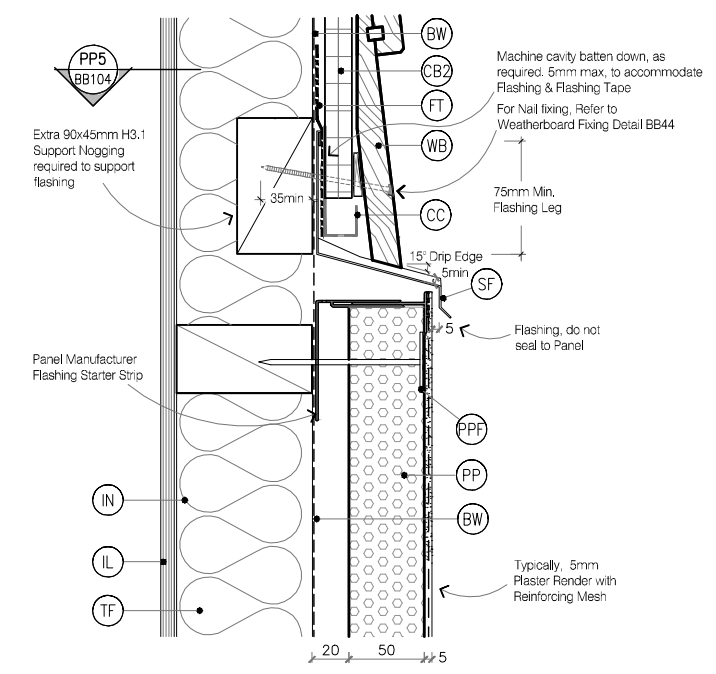
**PP3**  
BB102  
**IN-LINE JUNCTION PLASTER PANEL TO WB**  
Cavity Fix - Vertical Shiplap WB  
SCALE 1:2.5 @ A1, 1:5 @ A3



**PP4**  
BB103  
**INTERNAL CORNER PLASTER PANEL TO WB**  
Cavity Fix - Vertical Shiplap WB  
SCALE 1:2.5 @ A1, 1:5 @ A3



**PP5**  
BB104  
**EXTERIOR JUNCTION / WB TO PLASTER**  
Cavity Fix - Vertical Shiplap WB  
SCALE 1:2.5 @ A1, 1:5 @ A3



**PP1**  
BB100  
**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.
- (WB)** 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)
- (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
- (CB2)** CAVITY BATTEN, VERTICAL: 20mm x 45mm H3.1. To form a 20mm cavity.
- (CB3)** CAVITY BATTEN, VERTICAL - STRUCTURALLY FIXED: 45mm x 45mm SPP Radiata Pine, H3.2 70mm x 45mm SPP Radiata Pine, H3.2 To form a 45mm cavity
- (HS)** HEAD SOFFIT SCRIBER: Southern Pine Eaves Mould EM 40 x 27. Fix with 75 x 3.15 316 SS 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 Bevel Back 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

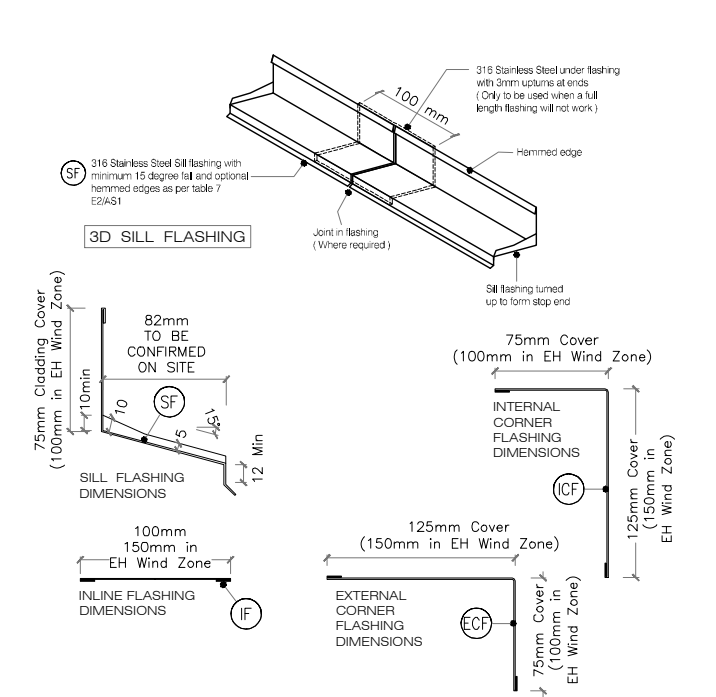
**GENERAL NOTES :**

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.
2. Weatherboards must be dry and free of any contamination.
3. Board lengths must be optimised prior to 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 drainage 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 :**

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**  
BB105  
**FLASHINGS / WB TO PLASTER**  
Cavity Fix - Vertical Shiplap WB  
SCALE 1:2.5 @ A1, 1:5 @ A3

