



MANAHAU H3.1
Board & Batten
Technical Manual

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PRODUCT WARRANTY

MANAHAU is Southern Pine's range of H3.1 treated and factory pre-primed, finger-jointed weatherboards. MANAHAU is manufactured from New Zealand Radiata Pine. This product is warranted for 15 years if used in accordance with the enclosed terms and conditions.



Southern Pine Products Ltd (SPP) warrants to replace and / or compensate for defective or substantial product failure subject to the claimant providing;

- proof that the product has been made, or supplied by, SPP and has failed or is substantially unfit for purpose
- timely written notification of the failure of the product (within 30 days of becoming apparent)
- reasonable evidence to indicate the product has been stored, installed and maintained in keeping with normal best practises and consistent with SPP instructions (as per SPP website and brochures)

Warranty is limited to replacement of product or cost value of product at SPP sole discretion and does not extend to any labour or consequential damage caused to other product. Such replacement will be considered full and final compensation.

Cladding and exterior products must be installed by a qualified builder (LBP).

H3.1 Treated MANAHAU 15 Year Limited Product Warranty

Inclusions:

- Southern Pine MANAHAU products
- Product delamination, splitting or breaking not for reasons excluded below
- Product decay or rot
- Gross manufacturing defects
- Incorrect profiling other than minor variations

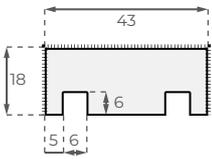
Exclusions:

- Evidence that the product has not been correctly stored, installed or maintained. For example, product wet due to incorrect storage, incorrect fixing of weatherboards, failing to properly seal cut ends or punch nails, not applying paint in a timely manner etc.
- Extreme climate areas where regular maintenance has not been carried out such as coastal zones which may require regular washing, or high UV zones which may require more frequent re-painting
- Inappropriate product use that is not consistent with best practise. For example, H3.1 treated product placed in contact with the ground
- Product impacted by natural disasters
- Damage after purchase or delivery
- Fair wear and tear with regard to product's age and conditions of use

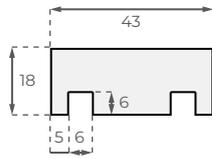
PROFILES

All SPP Board & Batten weatherboard profiles have been machined to be compliant with NZS 3617 and BRANZ BU411.

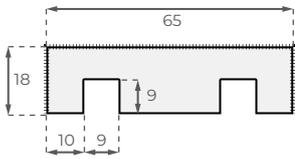
Scale 1:2 at A4



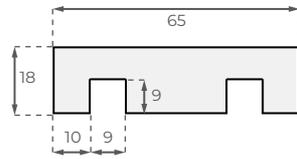
Batten 43x18
Bandsawn Face



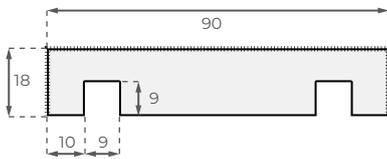
Batten 43x18
Dressed Face



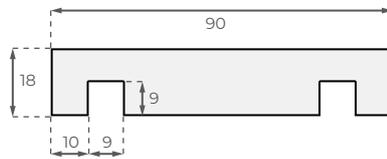
Batten 65x18
Bandsawn Face



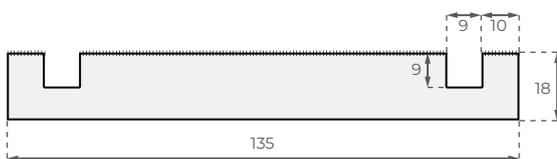
Batten 65x18
Dressed Face



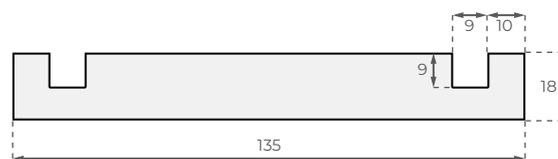
Batten 90x18
Bandsawn Face



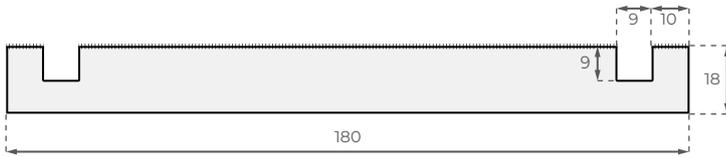
Batten 90x18
Dressed Face



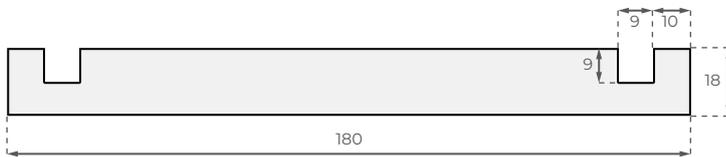
Board 135x18
Bandsawn Face



Board 135x18
Dressed Face



Board 180x18
Bandsawn Face



Board 180x18
Dressed Face



Band Sawn Face



Dressed Face

Weatherboard Conversion Chart

Profile	Nominal/ Ex Size (mm)	Finished Size (mm)	Effective Cover (mm)	L/M per m ²
Board + Batten	150 x 25	135 x 18	142 (Combined cover)	7.04 (of each item is required per m ²)
	75 x 25	65 x 18		
Board + Batten	200 x 25	180 x 18	187 (Combined cover)	5.35 (of each item is required per m ²)
	75 x 25	65 x 18		

KEEP WEATHERBOARDS & FASCIA FLAT, DRY AND PROTECTED



PROTECT



PREPARE



INSTALL



PAINT

Protect, prepare, install & paint weatherboards
as per the Instructions sticker on every length

BUILDING CODE

The SPP Board & Batten Weatherboard System, if designed and installed as per this literature, will meet the following provisions of the New Zealand Building Code (NZBC):

- Clause B1 Structure: Performance B1.3.1, B1.3.2, B1.3.4 (a), (b), (c), (d) and (e) for the relevant physical conditions of B1.3.3 (a), (e), (f), (h), (j), and (q)
- Clause B2 Durability: Performance B2.3.1(b) and B2.3.2(b)
- Clause E2 External Moisture: Performance E2.3.2, E2.3.3, E2.3.5, E2.3.7(b) and (c)
- Clause F2 Hazardous Building Materials: Performance F2.3.1

SCOPE & LIMITATIONS OF USE

The SPP Board & Batten Weatherboard System must be installed by a suitably qualified and experienced trade person. Where Restricted Building Work (RBW) applies, the installer shall be a Licensed Building Practitioner (LBP) or supervised by an LBP. It is the specifier's responsibility to ensure that the details in this specification are appropriate for the intended application and that additional detailing is obtained for a specific design or any areas that fall outside the scope of the SPP E2/AS1 Acceptable solution.

HEALTH & SAFETY

This product should be handled in accordance with safe work practices.

As with all wood and timber products, exposure to dust from this product may cause irritation to the eyes, respiratory system and skin via inhalation or skin contact.

Work areas should be kept clean. Sawing, sanding, and routing equipment should be fitted with dust extractors so that dust levels are kept within standards laid down by WorkSafe New Zealand. Wearing a dust mask conforming to AS/NZS 1715 and AS/NZS 1716 and eye protection conforming to AS/NZS 1337 is highly recommended. Repeated inhalation of wood dust over many years may increase the risk of cancer.

When handling SPP products or using tools use appropriate PPE including, but not limited to, eye, ear and breathing protection for yourself and others who could be affected. Offcuts and sawdust of treated and/or coated timber are to be disposed of in accordance with local council requirements. Follow other manufacturer's advice on the use, handling and disposal of other products such as coatings and adhesives.

Fixing Options: Dressed Face

Board and Battens to be nailed/screwed angled upwards at 10° and 35mm minimum penetration into framing timber. Punched/driven into profiles 3-4mm below surface. Immediately seal, fill and prime to prevent moisture ingress.

Batten

Jolt Head Nail (hand driven or Joltfast R Head or equivalent*)
75 x 3.15mm for direct fix
90 x 3.15mm for cavity fix

ECKO T-REX17 Weatherboard Jolt Screw (or equivalent jolt screw)
8G 75 on direct fix
8G 90 on cavity fix

Board

Jolt Head Nail (hand driven or Joltfast R Head or equivalent*)
60 x 2.8mm for direct fix
75 x 3.15mm for cavity fix

ECKO T-REX17 Weatherboard Jolt Screw
8G 65 on direct fix
8G 75 on cavity fix

*Do not use standard D Head gun nails.

Fixing Options: Band Sawn Face (optional)

Board and Battens to be nailed at 30mm minimum penetration into framing timber.

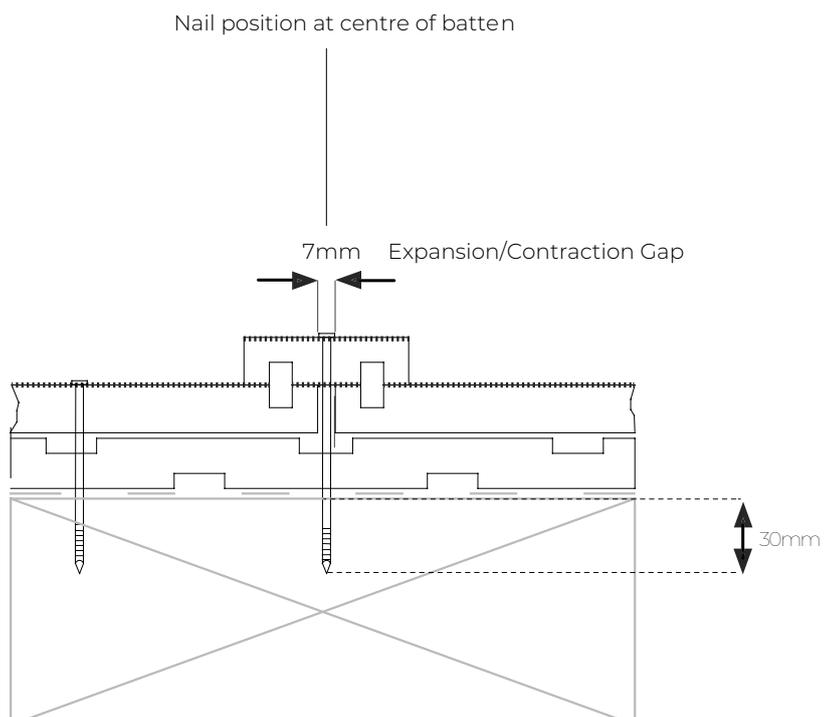
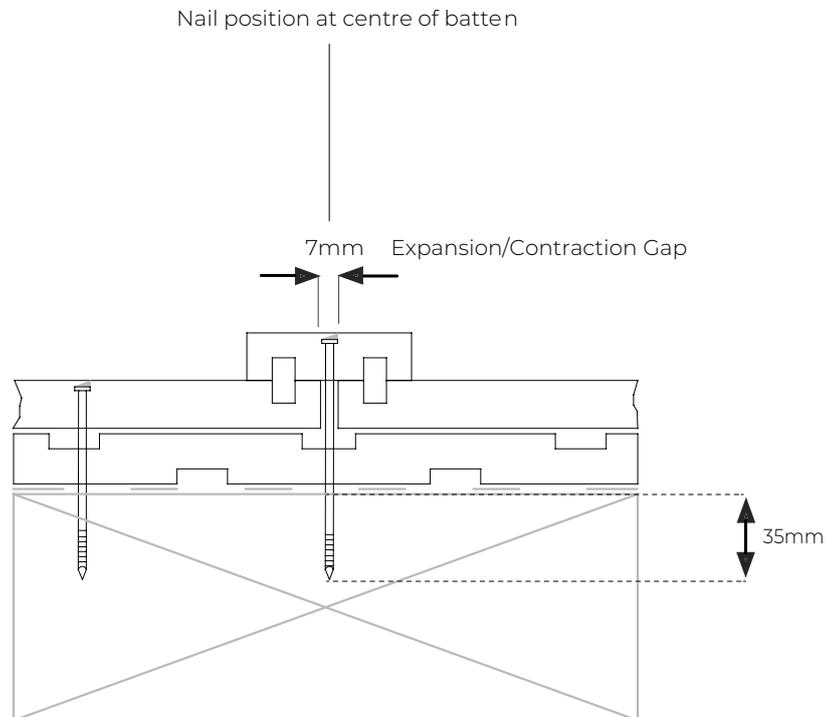
Nail Stainless Steel T316 Rose Head or Flat Head with Annular Grooved 75 x 3.15mm (or equivalent annular grooved nail). The head of the fixing must sit flush with the face of the Board and Batten.

Batten

T316 Rose Head Nail with Annular Grooved (hand driven)
90 x 3.15mm for cavity fix
75 x 3.15mm for direct fix

Board

T316 Rose Head Nail with Annular Grooved (hand driven)
75 x 3.15mm for direct fix and cavity fix



SPP MANAHAU is a range of H3.1 treated, solid or finger jointed timber products which are supplied in either pre-primed and un-primed states. Timber products treated to H3.1 may be used in external applications and in accordance with NZ 3602:2003 sections 110 and 111.

Pre-primed MANAHAU weatherboard have factory applied alkyd oil-based primer. To ensure the best protection ensure that at least one additional alkyd primer/undercoat is applied on site followed by at least two quality acrylic finishing coatings to complete weather proofing.

1. GRADE AND FINISH

- SPP MANAHAU solid weatherboards are available in Premium Clear 2 and better, or finger jointed
- Sourced from a pruned log, clear on three faces as per No.1 Clears, but the reverse face is allowed some natural defects (small knot, resin pocket, or other tight defect).
- Profiles are available in both dressed finish.

2. HANDLING

SPP weatherboards and other products should be unloaded by hand, or with a Hiab forklift. Do not tip these products from a truck. Avoid scratching the face of the board, and always carry individual boards with their long sections upright to avoid excessive bending.

3. STORAGE

SPP weatherboards must remain dry at all times prior to installation. Product should be stored indoors on a flat surface, with gluts at 1m centres and at least 150mm off the ground.

Avoid direct sunlight and protect from both rain and ground moisture uptake. If storing outside use a secondary waterproof cover and groundsheet whilst allowing for good air circulation.

4. ACCLIMATISATION

At the time of installation, the cladding moisture content must be near the average moisture content which can be expected at site (typically 10% – 16% depending on the location and the time of year). Please allow approximately 3-5 days for the cladding to acclimatise before installation.

5. DIMENSIONAL CHANGE

Timber is hygroscopic (absorbs moisture from the atmosphere) and will take up and release moisture until it reaches the equilibrium moisture content (EMC) with the surrounding environment. During

this process, which is ongoing, the timber expands and contracts and thus some dimensional change will occur. This will be minimised by the application of a quality paint system.

6. WEATHERBOARD MOVEMENT

Timber weatherboards are designed to accommodate moisture, thermal and seismic movement in the board laps. **DO NOT USE ANY SEALANTS OR GLUES** between the boards or board laps, as this may inhibit the natural expansion and contraction of the cladding.

7. PAINT AND COATINGS (PRIOR TO INSTALL)

To avoid lap lines which may occur, pre-paint the overlap of the profiles in the same colour as the intended topcoat finish.

Seal all cut ends with two coats of oil-based exterior primer.

8. WEATHERBOARD INSTALLATION

Weatherboard must be installed as per the current building code and BRANZ recommended good building practices.

Single fix all weatherboard profiles. Refer to E2/AS1 Table 24 for limitations. (Please note: This is profile specific refer to SPP technical drawings for nail position.)

Ensure weatherboards, once installed, are at least 150mm from the ground and 100mm from decks and terraces as per the NZ Building Code.

SPP recommend the use of 304/316 Stainless Steel for all MANAHAU cladding to extend life.

NZ Building Code Standard 3602 105.4 states "Preservative treated timber may affect the durability of metal fixings and components... To satisfy the durability provisions of Clause B2 of the NZBC and those acceptable solutions set out in NZS 3604 the correct protective system or grade of stainless steel shall be used." Further, C105.4 states "Timber treatments may affect the life of fasteners... Hot dipped galvanized nails, wire dogs, bolts and sheet fixings in contact with copper chrome arsenate (CCA) treated timber in damp conditions can have an expected life of less than 15 years."

Punch nails/screws, putty over and spot prime immediately to avoid moisture penetration.

9. RESIN BLEED

Resin Bleed is when resin comes to the surface

of a painted weatherboard. Whilst unsightly, the occurrence of resin bleed does not affect the durability or long-term performance of the weatherboard. The choice of a light top colour and a correctly applied quality paint system will help to minimise this occurrence.

SPP makes every effort to source non-resinous lumber and identify resin pockets during the manufacturing process, however we do not warrant against this natural feature.

10. COLOUR CHOICE

Dark colours absorb heat from the sun and may cause excessive movement, distortion and possibly resin bleed. Light colours reflect the sun's heat. Therefore, only light colours with a light reflectance value (LRV) of greater than or equal to 45% may be used. Refer paint colour charts for details.

11. FINISHING AND PAINTING

- Painting should take place as soon as possible after installation. If boards have been exposed for longer than 4 weeks, some sanding and re-priming may be required.
- Check the moisture content of the boards before painting. Equilibrium Moisture Content (EMC) should be at 16% or less. Use a correctly calibrated moisture meter to check.
- Once installed, remove all loose material such as dirt from the surface. Spot prime any exposed timber with two coats of oil-based exterior primer. Spot prime the filled nail holes.
- Once prepared, apply a minimum of one coat of oil-based primer/under coat followed by two full coats of 100% premium acrylic low gloss house paint to the manufacturer's specification, at a rate of 12-14m²/L.
- Once applied, the two topcoats should have a combined thickness of no less than 50 microns.
- The onus is on the painter to ensure that the primed surface remains well adhered to the timber substrate and is a suitable base for the subsequent topcoats. This is particularly important where the boards have been exposed for longer than 4 weeks before top coating.
- Refer to the AS/NZ 2311 guide to painting buildings.

It is the responsibility of the homeowner to ensure that annual maintenance is carried out. In some cases, this may be required more regularly e.g. sea spray.

12. MAINTENANCE AND CARE OF PAINTED

TIMBER PRODUCTS

Wash all exterior surfaces using a low pressure wash system to remove dust, dirt and other contaminants.

Do not use a high pressure washing system. If the washing does not remove stubborn areas of mould or dirt, use a soft brush or broom and an appropriate cleaning agent to remove these deposits. Check with the paint manufacturer and read the directions on the product to apply the cleaning agent.

Once the building is clean and the surfaces have been inspected for damage, wear and tear and paint coating degrade then repairs must be undertaken immediately.

If the paint surface has been damaged, then:

- Remove all damaged paint, sand back if required
- Apply primer on any bare timber
- Once the primer has dried apply two top coats of a quality top coat paint

Timber weatherboard homes should be repainted every 5-7 years as per paint manufacturer's specifications. Repainting may be required earlier depending on condition and exposure to harsher elements.

ARCHITECTURAL DRAWINGS GENERAL NOTES

This document has been specifically designed to help Architects, Designers and Builders.

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 AND DESIGNERS RESPONSIBILITY

We have made the drawings as accurate as possible. We have 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.

Legal Information

Southern Pine Products Ltd and its Agent AIPdesignNZ Ltd have no reason to believe the information in the details are inaccurate. Southern Pine Products Ltd and its Agent AiPdesignNZ Ltd does not warrant the accuracy, adequacy or completeness of such information and we do not undertake the information in the details updated.

Southern Pine Products Ltd and its Agent AIPdesignNZ Ltd Does not:

- a) Give any assurances that the details and information will be suitable for your purposes and you agree that you will not rely on the information and you will make your own independent assessments (with the aid of qualified independent advice)
- b) Accept responsibility for any loss, damage (including indirect, special or consequential loss or damage), however caused (including through negligence) that you may directly or indirectly suffer in connection with your use of or reliance on the Southern Pine Products Ltd details, including the accuracy or currency of the Southern Pine Products Ltd and AIPdesign NZ Ltd details. Any condition, warranty right or liability which would otherwise be implied excluded.

Technical Information

- a) The AutoCAD drawings have all the Xref,s embedded as blocks.
Erase the title block and Xref in your title block.
- b) 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 personalise these notes to make them specific to your project.
- c) 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.

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

Disclaimer

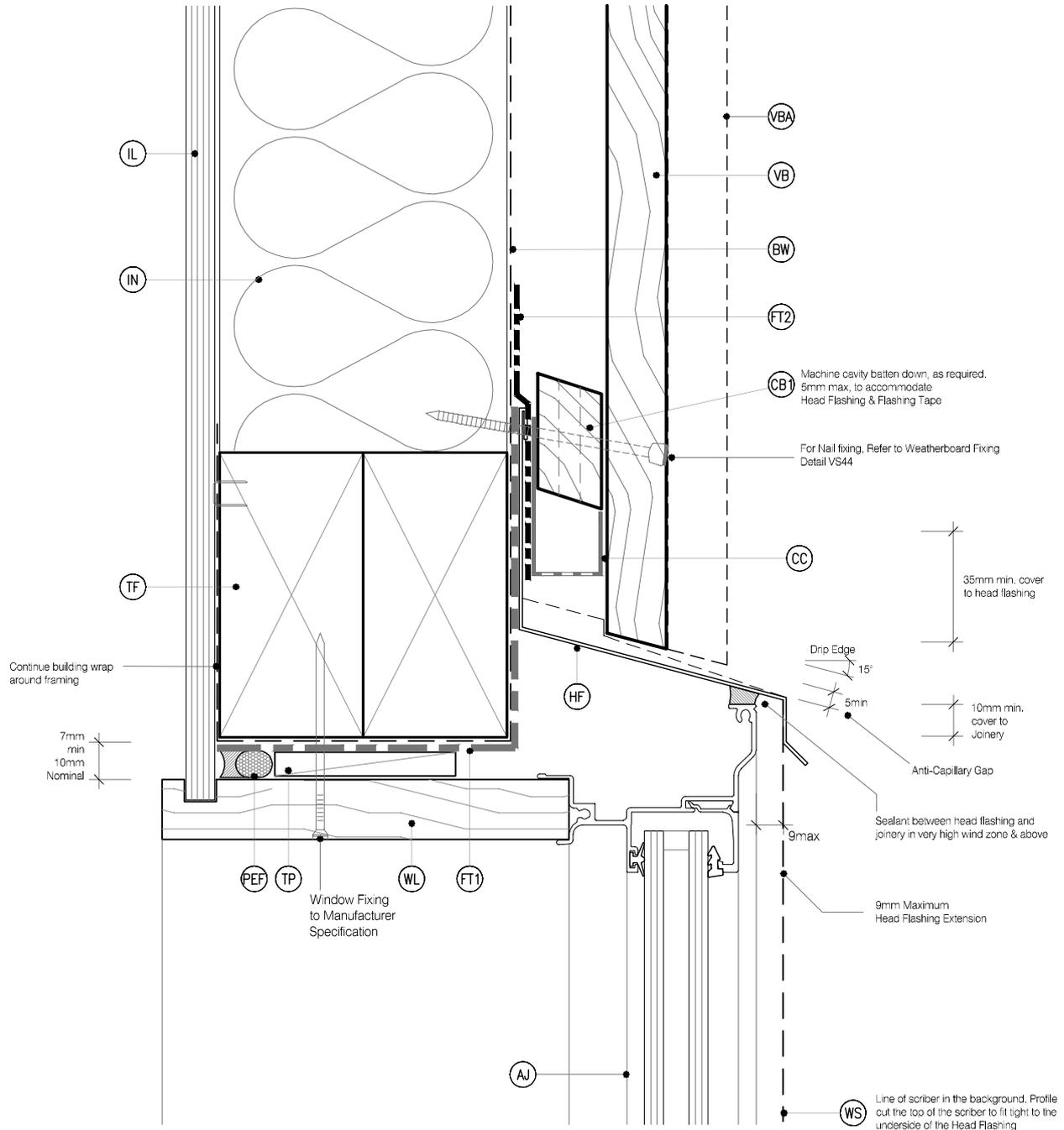
This information is supplied in good faith, and we recommend the installer and painters familiarise themselves with all relevant building and painting codes. Builders using weatherboards should purchase the BRANZ Good Practice Guide for Timber Cladding, a comprehensive detailing and installation guide.

Southern Pine Products will not be liable for any losses incurred resulting from the failure to adhere to good building and painting practices. Although every effort has been made to ensure the information in this data sheet compiles with existing building standards and recognised codes of practice, no responsibility is accepted for any errors and omissions nor for any specifications or work based on this information.

A3/A1 ARCHITECTURAL DETAILS - INDEX

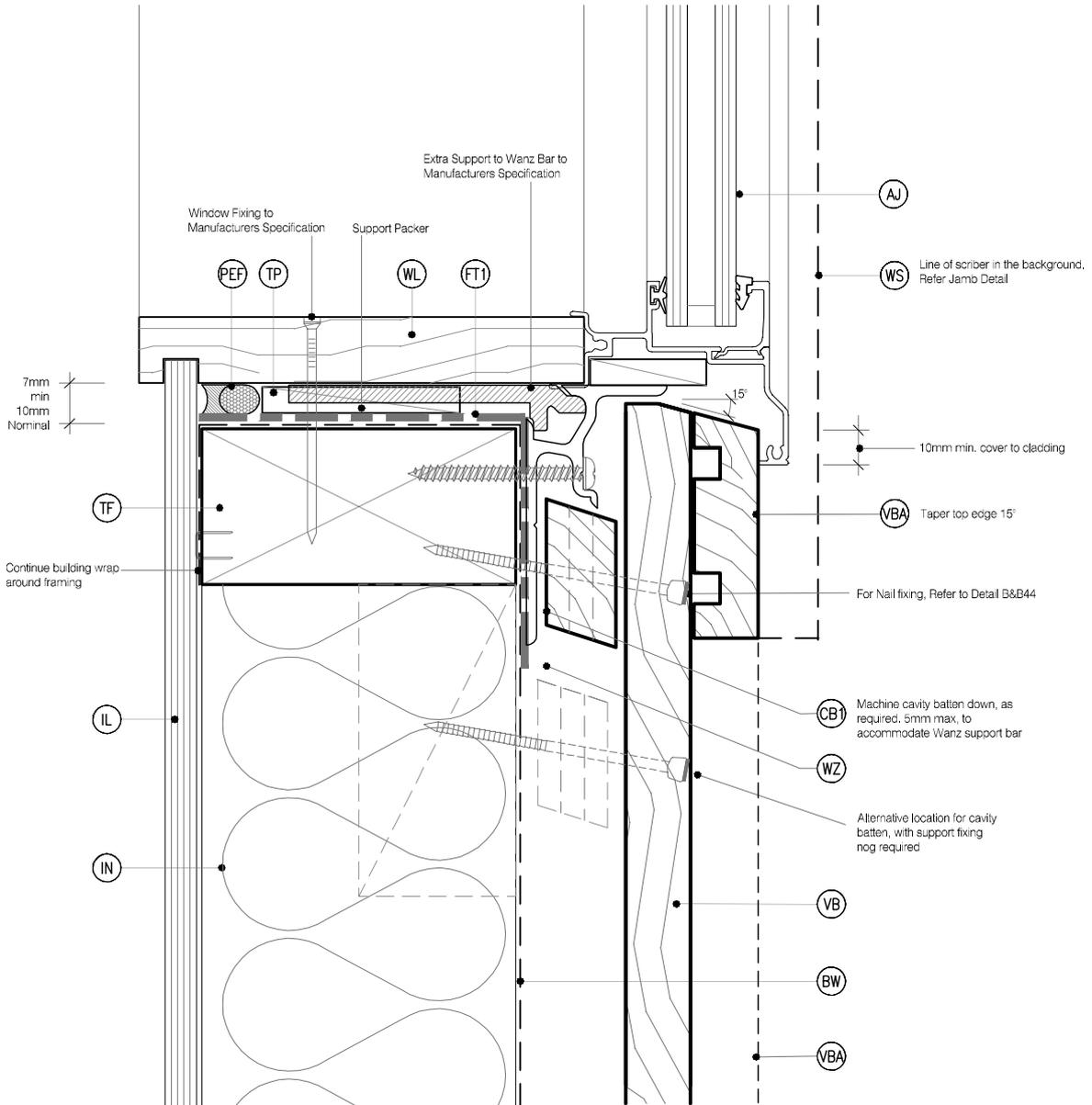
Page	Sheet Number	Sheet Title
14	SPP CF20 B&B10	WINDOW HEAD DETAIL
15	SPP CF20 B&B11	WINDOW SILL DETAILS
16	SPP CF20 B&B12	WINDOW JAMB DETAIL
17	SPP CF20 B&B13	WINDOW FLASHING DETAILS
18	SPP CF20 B&B20	DOOR HEAD DETAIL
19	SPP CF20 B&B21	DOOR SILL DETAIL
20	SPP CF20 B&B22	DOOR JAMB DETAIL
21	SPP CF20 B&B23	DOOR FLASHING DETAILS
22	SPP CF20 B&B30	METER BOX HEAD DETAIL
23	SPP CF20 B&B31	METER BOX SILL DETAIL
24	SPP CF20 B&B32	METER BOX JAMB DETAIL
25	SPP CF20 B&B33	METER BOX FLASHING DETAILS
26	SPP CF20 B&B40	EXTERNAL CORNER
27	SPP CF20 B&B41	3D EXTERNAL CORNER
28	SPP CF20 B&B42	INTERNAL CORNER
29	SPP CF20 B&B43	3D INTERNAL CORNER
30	SPP CF20 B&B44	WEATHERBOARD FIXING
31	SPP CF20 B&B45	DRAINED INTER-STOREY JOINT
32	SPP CF20 B&B50	EXTERNAL CORNER
33	SPP CF20 B&B51	3D EXTERNAL CORNER
34	SPP CF20 B&B52	INTERNAL CORNER
35	SPP CF20 B&B53	3D INTERNAL CORNER
36	SPP CF20 B&B54	PIPE PENETRATION
37	SPP CF20 B&B55	3D PIPE PENETRATION
38	SPP CF20 B&B60	BASE OF WALL - TIMBER

Page	Sheet Number	Sheet Title
39	SPP CF20 B&B61	BASE OF WALL - CONCRETE
40	SPP CF20 B&B62	SOFFIT DETAIL AT WALL
41	SPP CF20 B&B63	SOFFIT DETAIL AT FASCIA
42	SPP CF20 B&B64	APRON FLASHING - ROOF TO WALL JUNCTION
43	SPP CF20 B&B65	BALUSTRADE CAPPING OR PARAPET DETAIL
44	SPP CF20 B&B70	BASE OF WALL, MEMBRANE ROOF
45	SPP CF20 B&B71	DECK TO ROOF MEMBRANE - SADDLE FLASHING - STAGE ONE
46	SPP CF20 B&B72	DECK TO ROOF MEMBRANE - SADDLE FLASHING - STAGE TWO
47	SPP CF20 B&B73	DECK TO ROOF MEMBRANE - SADDLE FLASHING - STAGE THREE
48	SPP CF20 B&B74	TYPICAL PARAPET CAPPING JOINT DETAILS
49	SPP CF20 B&B75	PARAPET SECTION TO MEMBRANE ROOF
50	SPP CF20 B&B90	HALF WALL - SILL WEATHERBOARD TO BRICK
51	SPP CF20 B&B91	CANTILEVER FLOOR - BRICK TO WEATHERBOARD
52	SPP CF20 B&B92	IN-LINE JUNCTION - WEATHERBOARD TO BRICK
53	SPP CF20 B&B93	INTERNAL CORNER - WEATHERBOARD TO BRICK
54	SPP CF20 B&B94	EXTERIOR JUNCTION - WEATHERBOARD TO BRICK
55	SPP CF20 B&B95	FLASHINGS - WEATHERBOARD TO BRICK
56	SPP CF20 B&B100	HALF WALL - SILL - PLASTER PANEL TO WEATHERBOARD
57	SPP CF20 B&B101	CANTILEVER FLOOR - PLASTER PANEL TO WEATHERBOARD
58	SPP CF20 B&B102	IN-LINE JUNCTION - PLASTER PANEL TO WEATHERBOARD
59	SPP CF20 B&B103	INTERNAL CORNER - PLASTER PANEL TO WEATHERBOARD
60	SPP CF20 B&B104	EXTERIOR JUNCTION - PLASTER PANEL TO WEATHERBOARD
61	SPP CF20 B&B105	FLASHINGS - PLASTER PANEL TO WEATHERBOARD



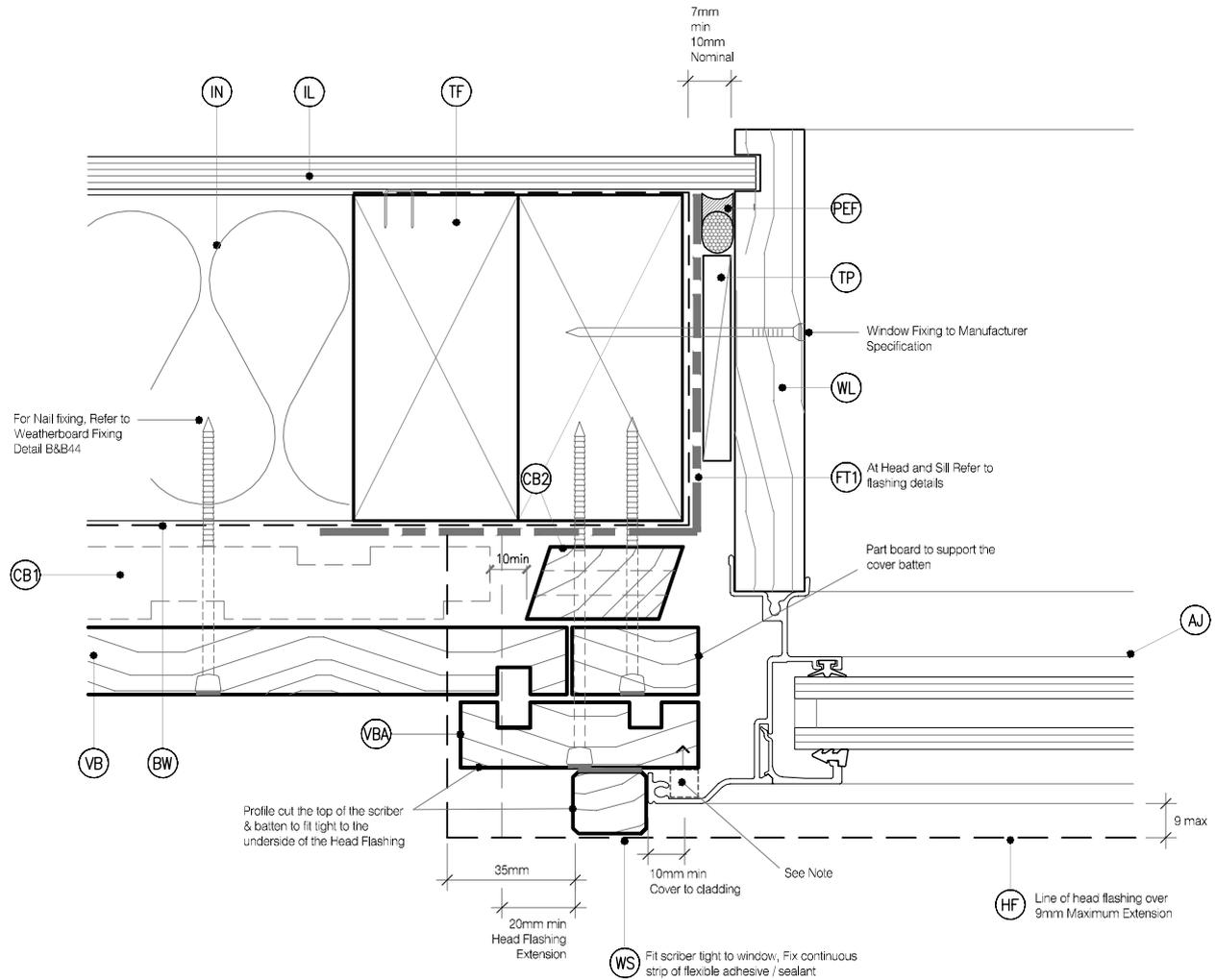
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|--|---|---|
| <p>(AJ) ALUMINIUM JOINERY: Selected double glazed aluminium joinery. To E2/AS1 9.1.10</p> <p>(BW) BUILDING WRAP: Flexible Wall Underlay, As per NZBC E2/AS1 - Table 23, In extra high wind zones, Rigid Underlay required (9.1.7.2 E2/AS1)</p> <p>(CB2) CAVITY BATTEN, VERTICAL: 20mm x 45mm H3.2. To form a 20mm cavity.</p> <p>(CB3) CAVITY BATTEN, VERTICAL - STRUCTURAL : 45mm x 45mm SPP Radiata Pine, H3.2
45mm x 70mm SPP Radiata Pine, H3.2
To form a 45mm cavity</p> <p>(IN) INSULATION: Selected Insulation</p> <p>(SS) SILL SCRIBER: Southern Pine H3.2, Horizontal batten under window as necessary to suit profile, sealant to back of sill scriber</p> | <p>(CC) CAVITY CLOSURE: Cavity closure strip, positioned to give a 15mm Min drip edge to cladding</p> <p>(FT1) FLASHING TAPE: Flashing tape over wrap 70mm (50 min) turn-down required in corners only. Refer to Fig. 72 of NZBC E2/AS1</p> <p>(FT2) FLEXIBLE FLASHING TAPE: Flexible flashing tape lapped over aluminium head flashing or 2nd layer of Building Wrap, taped joint to top of timber frame</p> <p>(HF) HEAD FLASHING: Aluminium head flashing with minimum 15 degree fall, optional hemmed edges as per table 7 E2/AS1</p> <p>(IL) INTERNAL LINING: Selected Internal Lining</p> <p>(PEF) PEF ROD BACKING: Foam backing rod with sealant to cavity in Window perimeter that forms a waterproof air-seal. (Sealant 2:1 Ratio)</p> | <p>(TF) TIMBER FRAME: H1.2 min treated timber framing</p> <p>(VB) VERTICAL BOARD: Southern Pine H3.2 Vertical Weatherboard. Profile to NZS 3617</p> <p>(TP) TIMBER PACKER: H3.2 Treated Packer</p> <p>(VBA) VERTICAL BATTEN: Southern Pine H3.2 cover batten to vertical boards. Profile to NZS 3617</p> <p>(WL) WINDOW LINER: As Specified</p> <p>(WS) WINDOW SCRIBER: Southern Pine H3.2, profile cut to fit weatherboard, sealant to back of scriber and 75 x 3.15mm Galvanised nail in 3mm predrilled hole.</p> <p>(WZ) WANZ SUPPORT: Provide window support as required by joinery manufacturer</p> |
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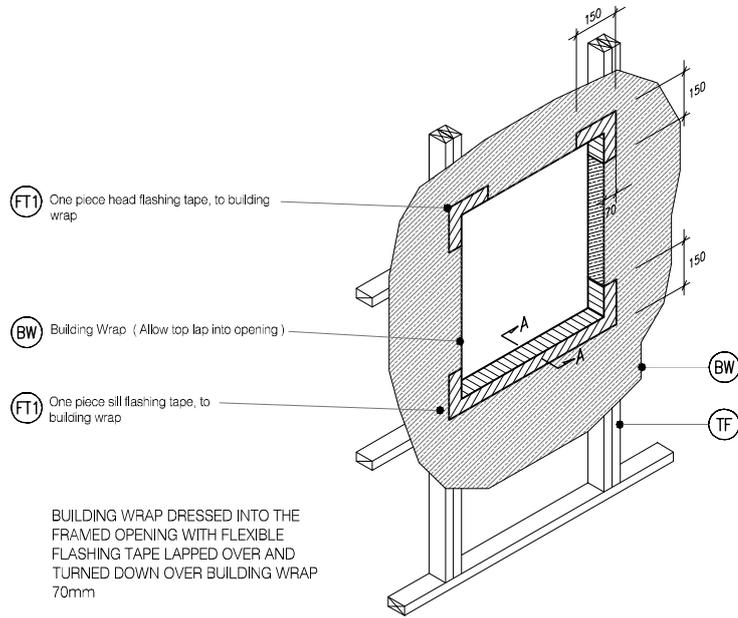
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| <p>(AJ) ALUMINIUM JOINERY: Selected double glazed aluminium joinery. To E2/AS1 9.1.10</p> <p>(BW) BUILDING WRAP: Flexible Wall Underlay, As per NZBC E2/AS1 - Table 23. In extra high wind zones, Ridgid Underlay required (9.1.7.2 E2/AS1)</p> <p>(CB2) CAVITY BATTEN, VERTICAL: 20mm x 45mm H3.2. To form a 20mm cavity.</p> <p>(CB3) CAVITY BATTEN, VERTICAL - STRUCTURAL : 45mm x 45mm SPP Radiata Pine, H3.2 45mm x 70mm SPP Radiata Pine, H3.2 To form a 45mm cavity</p> <p>(IN) INSULATION: Selected Insulation</p> <p>(SS) SILL SCRIBER: Southern Pine H3.2, Horizontal batten under window as necessary to suit profile, sealant to back of sill scribe</p> | <p>(CC) CAVITY CLOSURE: Cavity closure strip, positioned to give a 15mm Min drip edge to cladding</p> <p>(FT1) FLASHING TAPE: Flashing tape over wrap 70mm (50 min) turn-down required in corners only. Refer to Fig. 72 of NZBC E2/AS1</p> <p>(FT2) FLEXIBLE FLASHING TAPE: Flexible flashing tape lapped over aluminium head flashing or 2nd layer of Building Wrap, taped joint to top of timber frame</p> <p>(HF) HEAD FLASHING: Aluminium head flashing with minimum 15 degree fall, optional hemmed edges as per table 7 E2/AS1</p> <p>(IL) INTERNAL LINING: Selected Internal Lining</p> <p>(PEF) PEF ROD BACKING: Foam backing rod with sealant to cavity in Window perimeter that forms a waterproof air-seal. (Sealant 2:1 Ratio)</p> | <p>(TF) TIMBER FRAME: H1.2 min treated timber framing</p> <p>(VB) VERTICAL BOARD: Southern Pine H3.2 Vertical Weatherboard. Profile to NZS 3617</p> <p>(TP) TIMBER PACKER: H3.2 Treated Packer</p> <p>(VBA) VERTICAL BATTEN: Southern Pine H3.2 cover batten to vertical boards. Profile to NZS 3617</p> <p>(WL) WINDOW LINER: As Specified</p> <p>(WS) WINDOW SCRIBER: Southern Pine H3.2, profile cut to fit weatherboard, sealant to back of scribe and 75 x 3.15mm Galvanised nail in 3mm predrilled hole.</p> <p>(WZ) WANZ SUPPORT: Provide window support as required by joinery manufacturer</p> |
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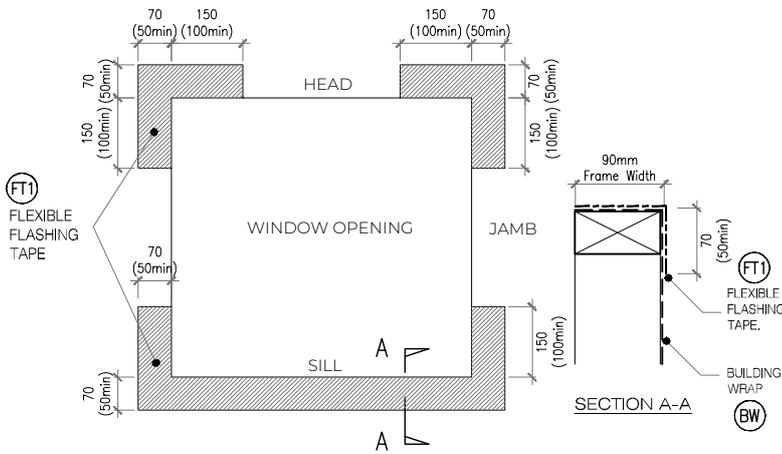
NOTE : No Window Scribe Option :
The Aluminium Joinery must sit hard against the back of the joinery flange and the timber weatherboards with a E.P.S Compressible bond breaker foam seal between

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| <p>(AJ) ALUMINIUM JOINERY: Selected double glazed aluminium joinery. To E2/AS1 9.1.10</p> <p>(BW) BUILDING WRAP: Flexible Wall Underlay, As per NZBC E2/AS1 - Table 23, In extra high wind zones, Ridgid Underlay required (9.1.7.2 E2/AS1)</p> <p>(CB2) CAVITY BATTEN, VERTICAL: 20mm x 45mm H3.2. To form a 20mm cavity.</p> <p>(CB3) CAVITY BATTEN, VERTICAL - STRUCTURAL : 45mm x 45mm SPP Radiata Pine, H3.2
45mm x 70mm SPP Radiata Pine, H3.2
To form a 45mm cavity</p> <p>(IN) INSULATION: Selected Insulation</p> <p>(SS) SILL SCRIBER: Southern Pine H3.2, Horizontal batten under window as necessary to suit profile, sealant to back of sill scriber</p> | <p>(CC) CAVITY CLOSURE: Cavity closure strip, positioned to give a 15mm Min drip edge to cladding</p> <p>(FT1) FLASHING TAPE: Flashing tape over wrap 70mm (50 min) turn-down required in corners only. Refer to Fig. 72 of NZBC E2/AS1</p> <p>(FT2) FLEXIBLE FLASHING TAPE: Flexible flashing tape lapped over aluminium head flashing or 2nd layer of Building Wrap, taped joint to top of timber frame</p> <p>(HF) HEAD FLASHING: Aluminium head flashing with minimum 15 degree fall, optional hemmed edges as per table 7 E2/AS1</p> <p>(IL) INTERNAL LINING: Selected Internal Lining</p> <p>(PEF) PEF ROD BACKING: Foam backing rod with sealant to cavity in Window perimeter that forms a waterproof air-seal. (Sealant 2:1 Ratio)</p> | <p>(TF) TIMBER FRAME: H1.2 min treated timber framing</p> <p>(VB) VERTICAL BOARD: Southern Pine H3.2 Vertical Weatherboard. Profile to NZS 3617</p> <p>(TP) TIMBER PACKER: H3.2 Treated Packer</p> <p>(VBA) VERTICAL BATTEN: Southern Pine H3.2 cover batten to vertical boards. Profile to NZS 3617</p> <p>(WL) WINDOW LINER: As Specified</p> <p>(WS) WINDOW SCRIBER: Southern Pine H3.2, profile cut to fit weatherboard, sealant to back of scribe and 75 x 3.15mm Galvanised nail in 3mm predrilled hole.</p> <p>(WZ) WANZ SUPPORT: Provide window support as required by joinery manufacturer</p> |
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W4 TYPICAL WINDOW OPENING (FLASHING TAPE)
 B&B13 SCALE : N.T.S



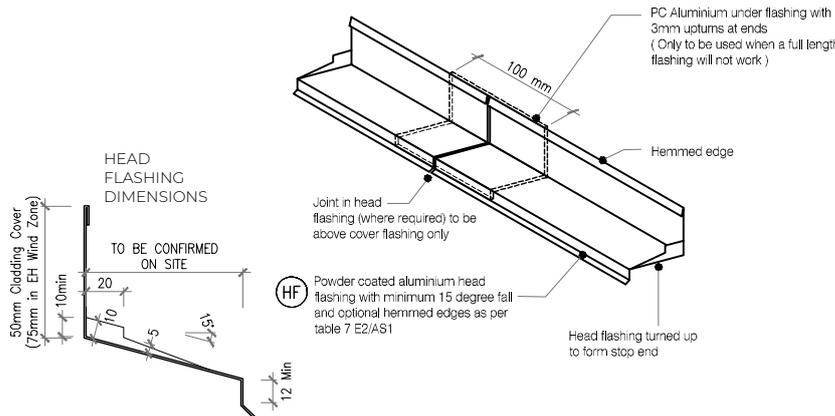
1. DENDRO[®] is Southern Pine's premium product range of H3.2 treated, solid, clear weatherboards. Manufactured from, high quality, pruned NZ Radiata Pine. Product warranty, 25 years if used in accordance with the Installation & Maintenance Guide.
2. All Southern Pine Weatherboard profiles have been machined to be compliant with NZS 3617 and BRANZ BU411
3. The Southern Pine Weatherboard System, if designed and installed as per the Installation & Maintenance Guide, will meet

the following provisions of the New Zealand Building Code (NZBC):

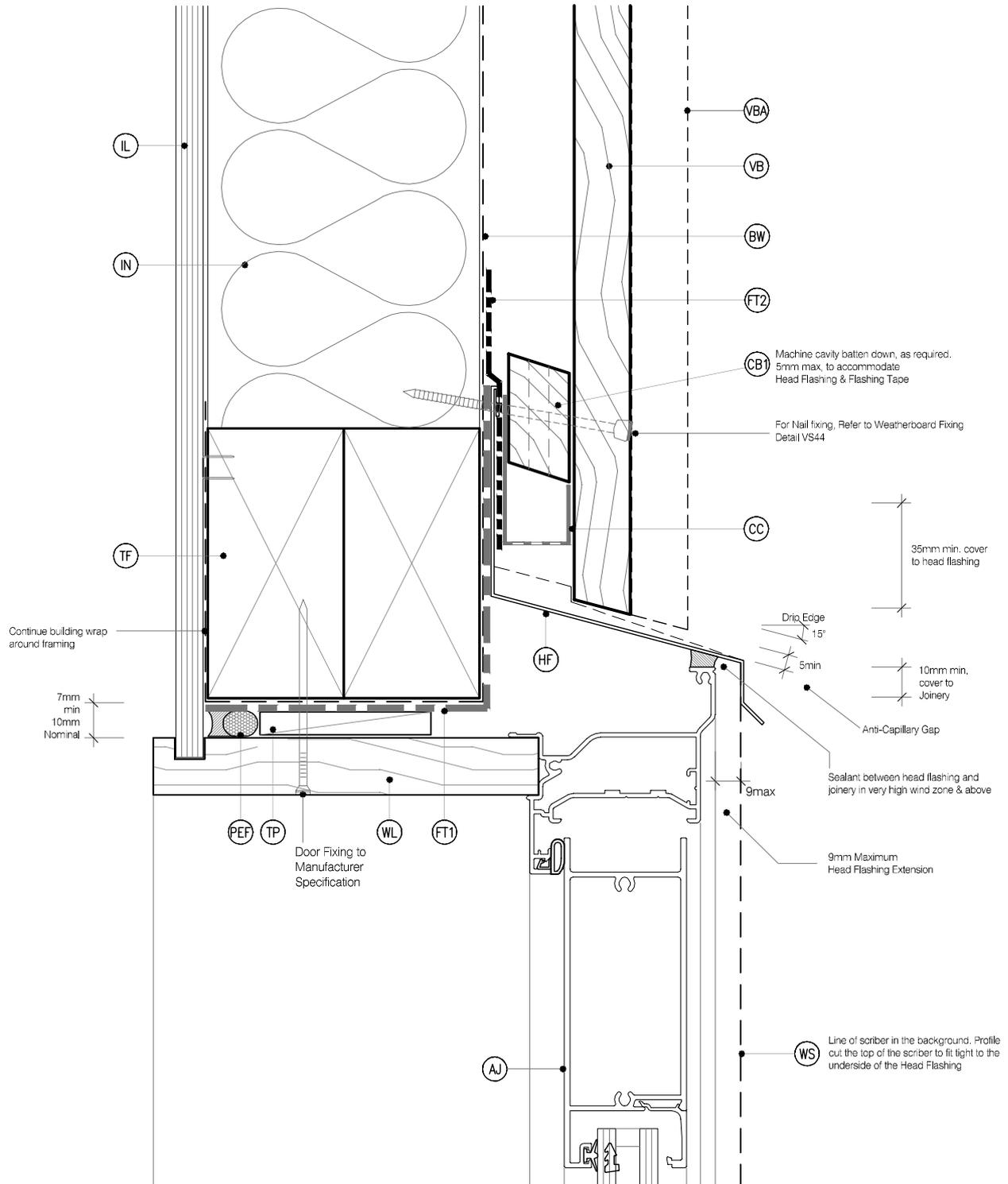
- Clause B1 Structure: Performance B1.3.1, B1.3.2, B1.3.4 (a), (b), (c), (d) and (e) for the
- Clause B2 Durability: Performance B2.3.1(b) and B2.3.2(b)
- Clause E2 External Moisture: Performance E2.3.2, E2.3.3, E2.3.5, E2.3.7(b) and (c)
- Clause F2 Hazardous Building Materials: Performance F2.3.1

4. This Weatherboard System must be installed by a qualified trade person. Restricted Building Work (R_{BW}) requires a Licensed Building Practitioner (LBP) or supervised by an LBP. It is the specifier's responsibility to ensure that the details are appropriate for the intended application and that additional detailing is obtained for a specific design or any areas that fall outside the scope of the Southern Pine Products & E2/AS1 Acceptable solution.

W5 FLEXIBLE BUILDING WRAP AT OPENING
 B&B13 SCALE : 1 / 5 @ A1, 1 / 10 @ A3

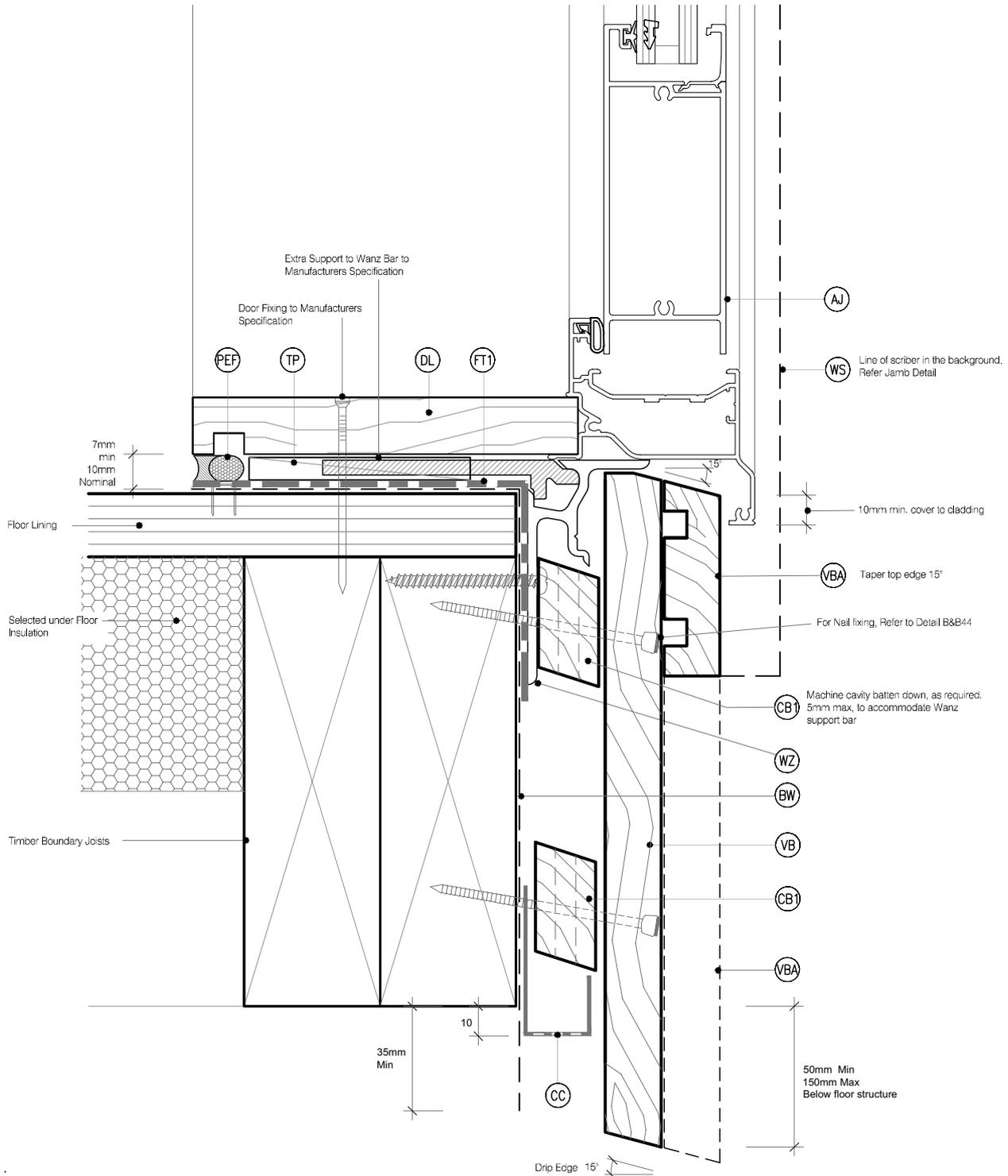


W6 TYPICAL HEAD & FLASHING JOINT
 B&B13 SCALE : 1 / 2 @ A1, 1 / 4 @ A3



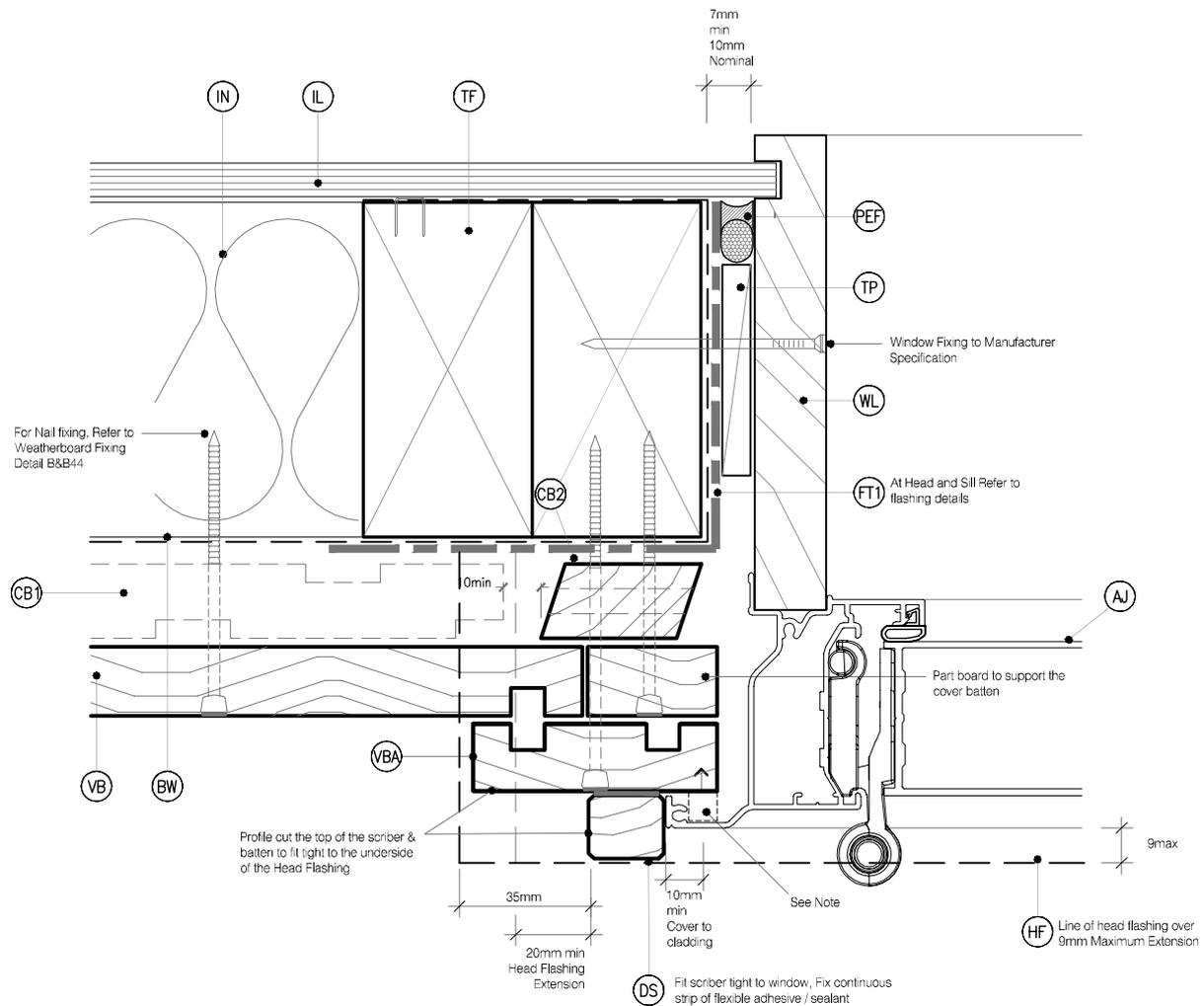
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| <p>(AJ) ALUMINIUM JOINERY: Selected double glazed aluminium joinery. To E2/AS1 9.1.10</p> <p>(BW) BUILDING WRAP: Flexible Wall Underlay, As per NZBC E2/AS1 - Table 23. In extra high wind zones, Rigid Underlay required (9.1.7.2 E2/AS1)</p> <p>(CB2) CAVITY BATTEN, VERTICAL: 20mm x 45mm H3.2. To form a 20mm cavity.</p> <p>(CB3) CAVITY BATTEN, VERTICAL - STRUCTURAL : 45mm x 45mm SPP Radiata Pine, H3.2 45mm x 70mm SPP Radiata Pine, H3.2 To form a 45mm cavity</p> <p>(IN) INSULATION: Selected Insulation</p> <p>(SS) SILL SCRIBER: Southern Pine H3.2, Horizontal batten under window as necessary to suit profile, sealant to back of sill scribe</p> | <p>(CC) CAVITY CLOSURE: Cavity closure strip, positioned to give a 15mm Min drip edge to cladding</p> <p>(FT1) FLASHING TAPE: Flashing tape over wrap 70mm (50 min) turn-down required in corners only. Refer to Fig. 72 of NZBC E2/AS1</p> <p>(FT2) FLEXIBLE FLASHING TAPE: Flexible flashing tape lapped over aluminium head flashing or 2nd layer of Building Wrap, taped joint to top of timber frame</p> <p>(HF) HEAD FLASHING: Aluminium head flashing with minimum 15 degree fall, optional hemmed edges as per table 7 E2/AS1</p> <p>(IL) INTERNAL LINING: Selected Internal Lining</p> <p>(PEF) PEF ROD BACKING: Foam backing rod with sealant to cavity in Door perimeter that forms a waterproof air-seal. (Sealant 2:1 Ratio)</p> | <p>(TF) TIMBER FRAME: H1.2 min treated timber framing</p> <p>(VB) VERTICAL BOARD: Southern Pine H3.2 Vertical Weatherboard. Profile to NZS 3617</p> <p>(TP) TIMBER PACKER: H3.2 Treated Packer</p> <p>(VBA) VERTICAL BATTEN: Southern Pine H3.2 cover batten to vertical boards. Profile to NZS 3617</p> <p>(WL) WINDOW LINER: As Specified</p> <p>(DS) DOOR SCRIBER: Southern Pine H3.2, profile cut to fit weatherboard, sealant to back of scribe and 75 x 3.15mm Galvanised nail in 3mm predrilled hole.</p> <p>(WS) WANZ SUPPORT: Provide window support as required by joinery manufacturer</p> |
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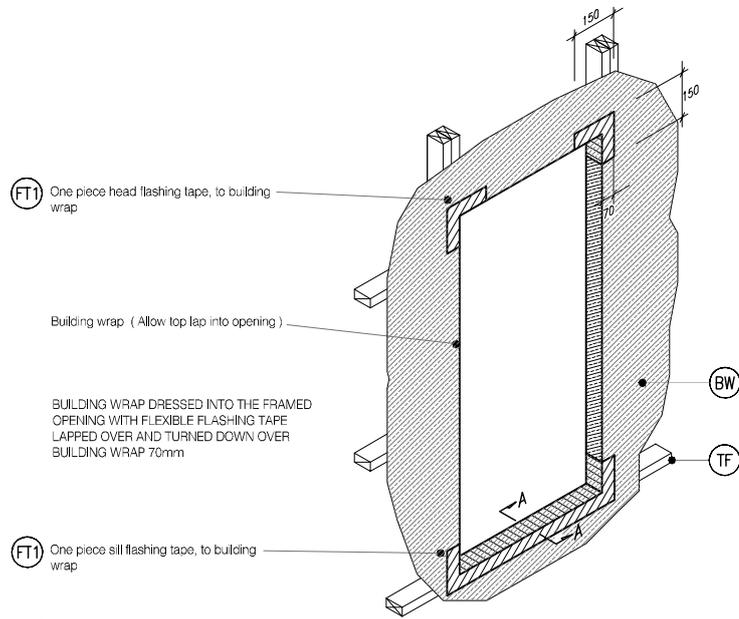
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| <p>(AJ) ALUMINIUM JOINERY: Selected double glazed aluminium joinery. To E2/AS1 9.1.10</p> <p>(BW) BUILDING WRAP: Flexible Wall Underlay, As per NZBC E2/AS1 - Table 23. In extra high wind zones, Ridgid Underlay required (9.1.7.2 E2/AS1)</p> <p>(CB2) CAVITY BATTEN, VERTICAL: 20mm x 45mm H3.2. To form a 20mm cavity.</p> <p>(CB3) CAVITY BATTEN, VERTICAL - STRUCTURAL : 45mm x 45mm SPP Radiata Pine, H3.2
45mm x 70mm SPP Radiata Pine, H3.2
To form a 45mm cavity</p> <p>(IN) INSULATION: Selected Insulation</p> <p>(SS) SILL SCRIBER: Southern Pine H3.2, Horizontal batten under window as necessary to suit profile, sealant to back of sill scriber</p> | <p>(CC) CAVITY CLOSURE: Cavity closure strip, positioned to give a 15mm Min drip edge to cladding</p> <p>(FT1) FLASHING TAPE: Flashing tape over wrap 70mm (50 min) turn-down required in corners only. Refer to Fig. 72 of NZBC E2/AS1</p> <p>(FT2) FLEXIBLE FLASHING TAPE: Flexible flashing tape lapped over aluminium head flashing or 2nd layer of Building Wrap, taped joint to top of timber frame</p> <p>(HF) HEAD FLASHING: Aluminium head flashing with minimum 15 degree fall, optional hemmed edges as per table 7 E2/AS1</p> <p>(IL) INTERNAL LINING: Selected Internal Lining</p> <p>(PEF) PEF ROD BACKING: Foam backing rod with sealant to cavity in Door perimeter that forms a waterproof air seal. (Sealant 2:1 Ratio)</p> | <p>(TF) TIMBER FRAME: H1.2 min treated timber framing</p> <p>(VB) VERTICAL BOARD: Southern Pine H3.2 Vertical Weatherboard. Profile to NZS 3617</p> <p>(TP) TIMBER PACKER: H3.2 Treated Packer</p> <p>(VBA) VERTICAL BATTEN: Southern Pine H3.2 cover batten to vertical boards. Profile to NZS 3617</p> <p>(WL) WINDOW LINER: As Specified</p> <p>(DS) DOOR SCRIBER: Southern Pine H3.2, profile cut to fit weatherboard, sealant to back of scriber and 75 x 3.15mm Galvanised nail in 3mm predrilled hole.</p> <p>(WZ) WANZ SUPPORT: Provide window support as required by joinery manufacturer</p> |
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NOTE : No Door 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

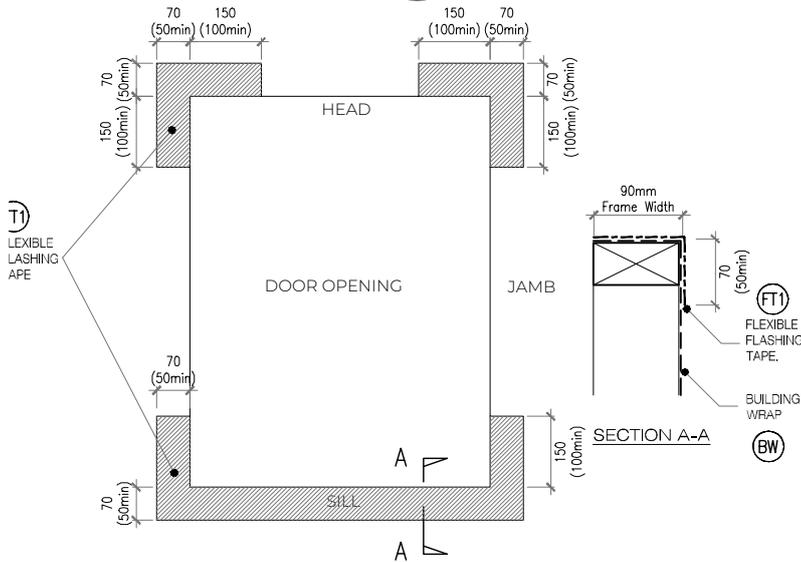
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| <p>(AJ) ALUMINIUM JOINERY: Selected double glazed aluminium joinery. To E2/AS1 9.1.10</p> <p>(BW) BUILDING WRAP: Flexible Wall Underlay, As per NZBC E2/AS1 - Table 23, In extra high wind zones, Rigid Underlay required (9.1.7.2 E2/AS1)</p> <p>(CB2) CAVITY BATTEN, VERTICAL: 20mm x 45mm H3.2. To form a 20mm cavity.</p> <p>(CB3) CAVITY BATTEN, VERTICAL - STRUCTURAL : 45mm x 45mm SPP Radiata Pine, H3.2
45mm x 70mm SPP Radiata Pine, H3.2
To form a 45mm cavity</p> <p>(IN) INSULATION: Selected Insulation</p> <p>(SS) SILL SCRIBER: Southern Pine H3.2, Horizontal batten under window as necessary to suit profile, sealant to back of sill scriber</p> | <p>(CC) CAVITY CLOSURE: Cavity closure strip, positioned to give a 15mm Min drip edge to cladding</p> <p>(FT1) FLASHING TAPE: Flashing tape over wrap 70mm (50 min) turn-down required in corners only. Refer to Fig. 72 of NZBC E2/AS1</p> <p>(FT2) FLEXIBLE FLASHING TAPE: Flexible flashing tape lapped over aluminium head flashing or 2nd layer of Building Wrap, taped joint to top of timber frame</p> <p>(HF) HEAD FLASHING: Aluminium head flashing with minimum 15 degree fall, optional hemmed edges as per table 7 E2/AS1</p> <p>(IL) INTERNAL LINING</p> <p>(PEF) PEF ROD BACKING: Foam backing rod with sealant to cavity in Door perimeter that forms a waterproof air-seal. (Sealant 2:1 Ratio)</p> | <p>(TF) TIMBER FRAME: H1.2 min treated timber framing</p> <p>(VB) VERTICAL BOARD: Southern Pine H3.2 Vertical Weatherboard. Profile to NZS 3617</p> <p>(TP) TIMBER PACKER: H3.2 Treated Packer</p> <p>(VBA) VERTICAL BATTEN: Southern Pine H3.2 cover batten to vertical boards. Profile to NZS 3617</p> <p>(WL) WINDOW LINER: As Specified</p> <p>(DS) DOOR SCRIBER: Southern Pine H3.2, profile cut to fit weatherboard, sealant to back of scriber and 75 x 3.15mm Galvanised nail in 3mm predrilled hole.</p> <p>(WZ) WANZ SUPPORT: Provide window support as required by joinery manufacturer</p> |
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D4 TYPICAL DOOR OPENING (FLASHING TAPE)

B&B23 SCALE : N.T.S



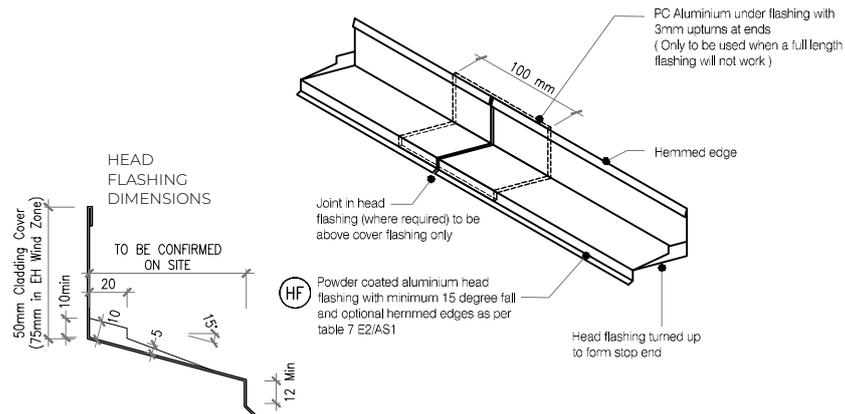
1. DENDRO® is Southern Pine's premium product range of H3.2 treated, solid, clear weatherboards. Manufactured from, high quality, pruned NZ Radiata Pine. Product warranty, 25 years if used in accordance with the Installation & Maintenance Guide.
2. All Southern Pine Weatherboard profiles have been machined to be compliant with NZS 3617 and BRANZ BU411
3. The Southern Pine Weatherboard System, if designed and installed as per the Installation & Maintenance Guide, will meet

the following provisions of the New Zealand Building Code (NZBC):

- Clause B1 Structure: Performance B1.3.1, B1.3.2, B1.3.4 (a), (b), (c), (d) and (e) for the
- Clause B2 Durability: Performance B2.3.1(b) and B2.3.2(b)
- Clause E2 External Moisture: Performance E2.3.2, E2.3.3, E2.3.5, E2.3.7(b) and (c)
- Clause F2 Hazardous Building Materials: Performance F2.3.1

4. This Weatherboard System must be installed by a qualified trade person. Restricted Building Work (RBW) requires a Licensed Building Practitioner (LBP) or supervised by an LBP. It is the specifier's responsibility to ensure that the details are appropriate for the intended application and that additional detailing is obtained for a specific design or any areas that fall outside the scope of the Southern Pine Products & E2/AS1 Acceptable solution.

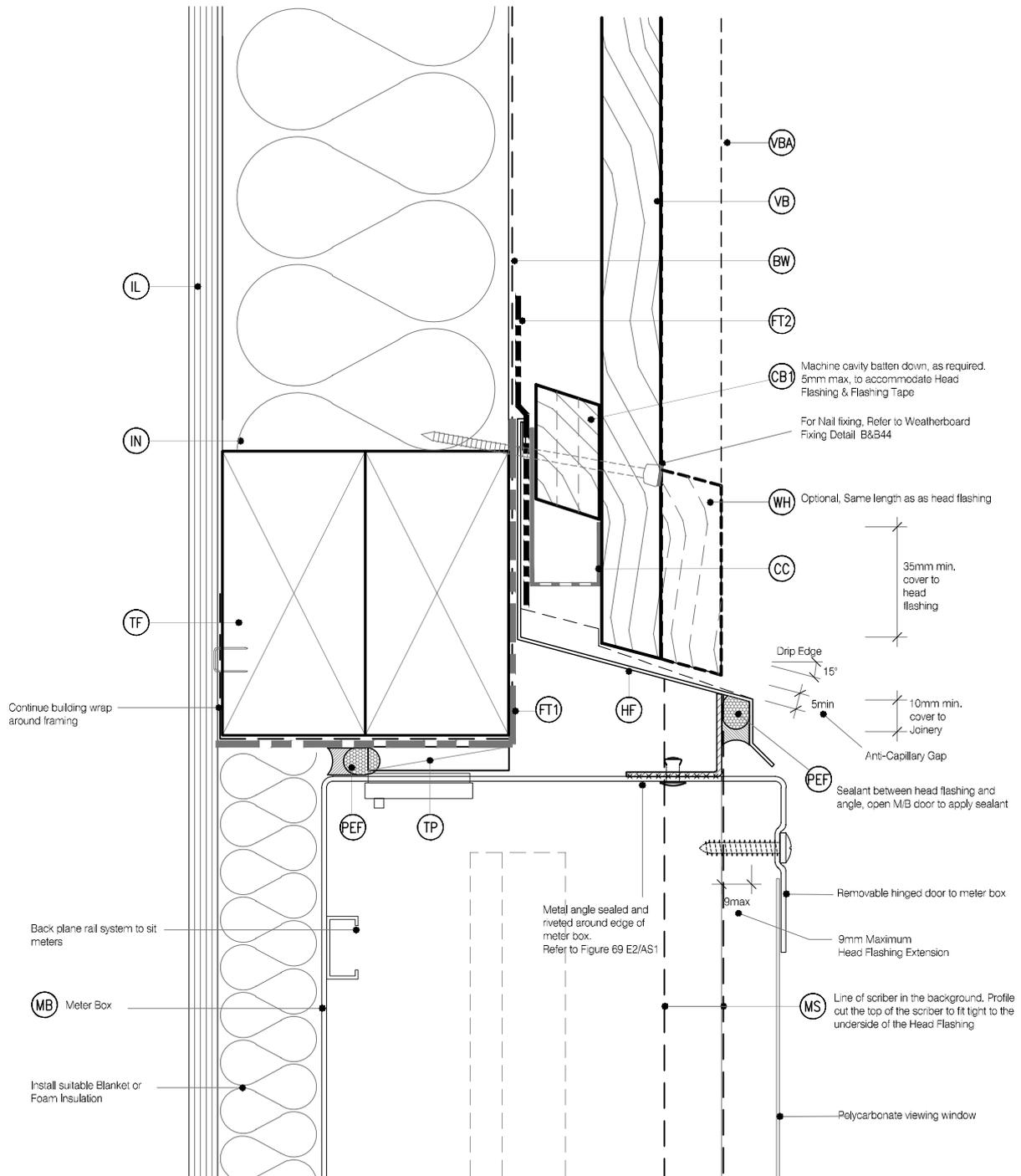
B&B23 SCALE: X/3 @ A1, B/1 @ A3



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

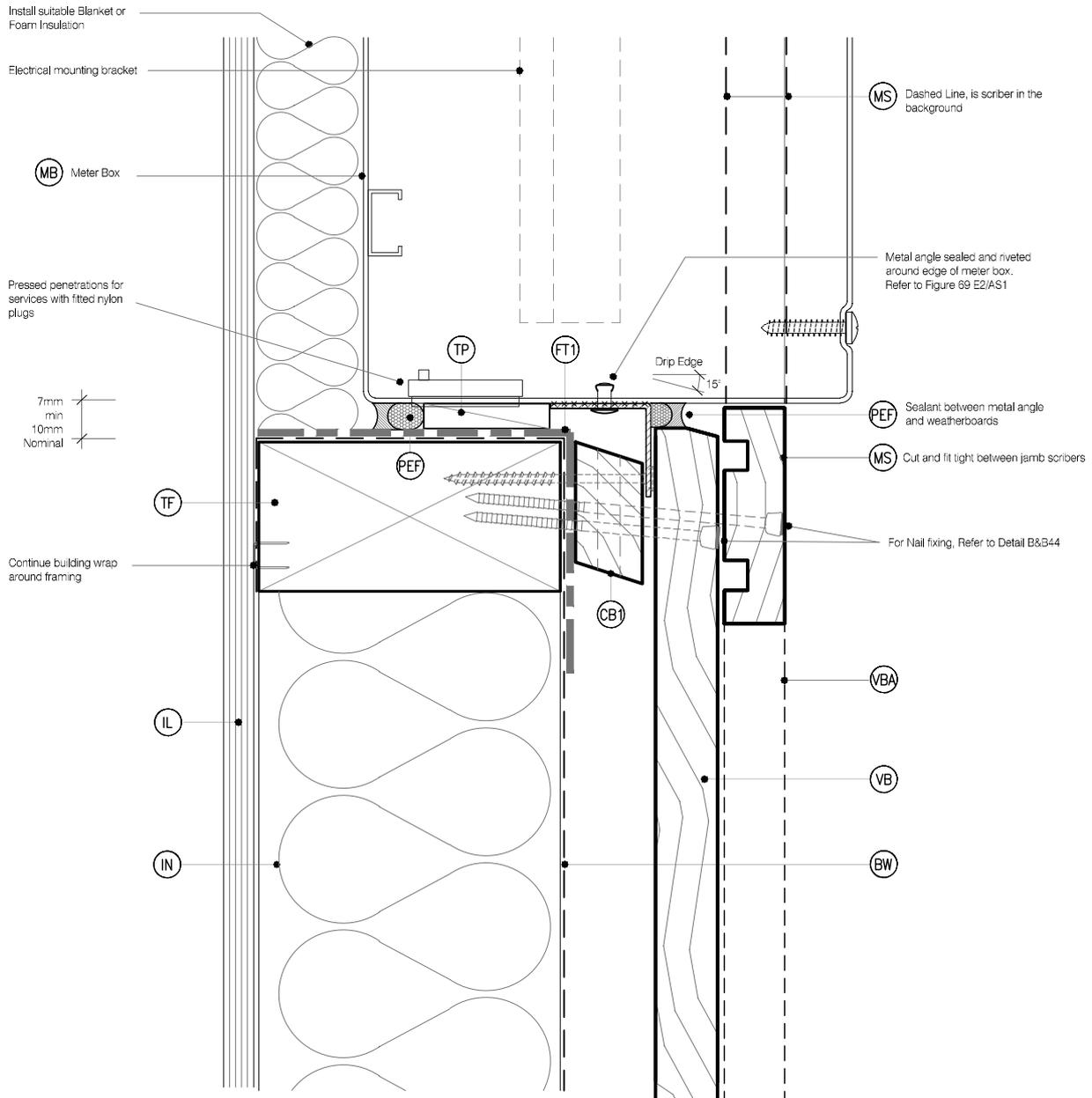
D6 TYPICAL HEAD & FLASHING JOINT

B&B23 SCALE : 1 / 2 @ A1, 1 / 4 @ A3



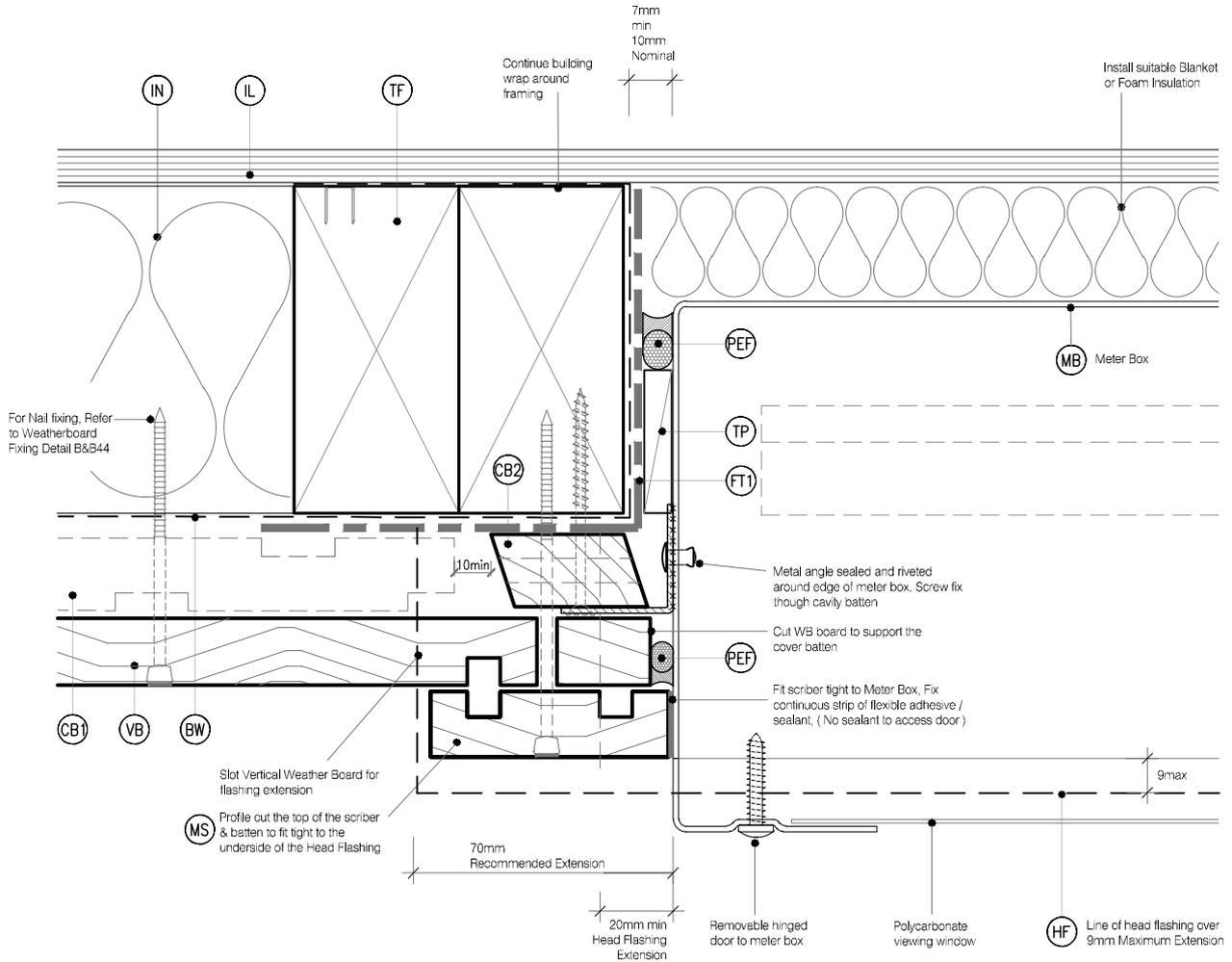
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| <p>(MB) METER BOX: Electrical meter box, with removable hinged door and polycarbonate viewing window</p> <p>(BW) BUILDING WRAP: Flexible Wall Underlay, As per NZBC E2/AS1 - Table 23, In extra high wind zones, Ridgid Underlay required (9.1.7.2 E2/AS1)</p> <p>(CB2) CAVITY BATTEN, VERTICAL: 20mm x 45mm H3.2. To form a 20mm cavity</p> <p>(CB3) CAVITY BATTEN, VERTICAL - STRUCTURAL : 45mm x 45mm SPP Radiata Pine, H3.2
45mm x 70mm SPP Radiata Pine, H3.2
To form a 45mm cavity</p> <p>(IN) INSULATION: Selected Insulation</p> <p>(SS) SILL SCRIBER: Southern Pine H3.2, Horizontal batten under window as necessary to suit profile, sealant to back of sill scriber</p> | <p>(CC) CAVITY CLOSURE: Cavity closure strip, positioned to give a 15mm Min drip edge to cladding</p> <p>(FT1) FLASHING TAPE: Flashing tape over wrap 70mm (50 min) turn-down required in corners only. Refer to Fig. 72 of NZBC E2/AS1</p> <p>(FT2) FLEXIBLE FLASHING TAPE: Flexible flashing tape lapped over aluminium head flashing or 2nd layer of Building Wrap, taped joint to top of timber frame</p> <p>(HF) HEAD FLASHING: Aluminium head flashing with minimum 15 degree fall, optional hemmed edges as per table 7 E2/AS1</p> <p>(IL) INTERNAL LINING: Selected Internal Lining</p> <p>(PEF) PEF ROD BACKING: Foam backing rod with sealant to cavity in Window perimeter that forms a waterproof air-seal. (Sealant 2:1 Ratio)</p> | <p>(TF) TIMBER FRAME: H1.2 min treated timber framing</p> <p>(VB) VERTICAL BOARD: Southern Pine H3.2 Vertical Weatherboard. Profile to NZS 3617</p> <p>(TP) TIMBER PACKER: H3.2 Treated Packer</p> <p>(VBA) VERTICAL BATTEN: Southern Pine H3.2 cover batten to vertical boards. Profile to NZS 3617</p> <p>(MS) METER BOX SCRIBER: Southern Pine H3.2 profile cut to fit weatherboard, sealant to scriber and meter box. Profile cut to fit tight under head flashing. For Nail fixing, Refer to Weatherboard Fixing Detail B&B44</p> <p>(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</p> |
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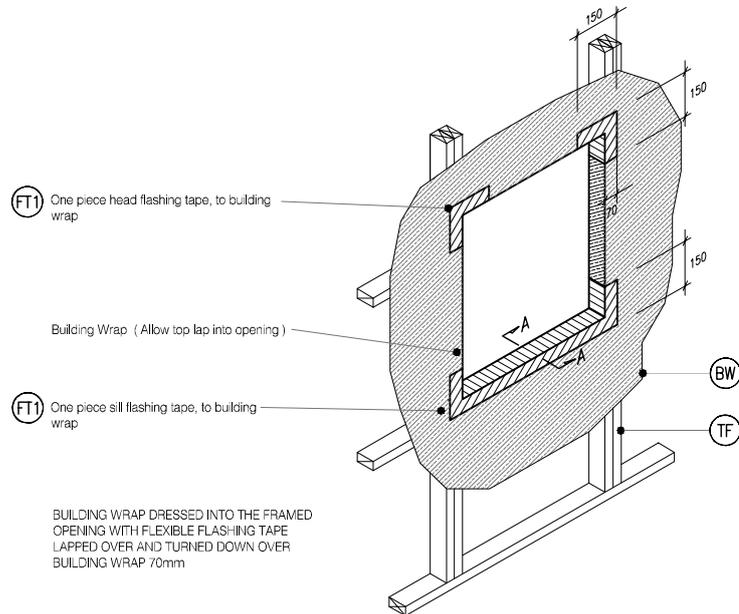
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| <p>(MB) METER BOX: Electrical meter box, with removable hinged door and polycarbonate viewing window</p> <p>(BW) BUILDING WRAP: Flexible Wall Underlay, As per NZBC E2/AS1 - Table 23, In extra high wind zones, Rigid Underlay required (9.1.7.2 E2/AS1)</p> <p>(CB2) CAVITY BATTEN, VERTICAL: 20mm x 45mm H3.2. To form a 20mm cavity</p> <p>(CB3) CAVITY BATTEN, VERTICAL - STRUCTURAL : 45mm x 45mm SPP Radiata Pine, H3.2
45mm x 70mm SPP Radiata Pine, H3.2
To form a 45mm cavity</p> <p>(IN) INSULATION: Selected Insulation</p> <p>(SS) SILL SCRIBER: Southern Pine H3.2, Horizontal batten under window as necessary to suit profile, sealant to back of sill scriber</p> | <p>(CC) CAVITY CLOSURE: Cavity closure strip, positioned to give a 15mm Min drip edge to cladding</p> <p>(FT1) FLASHING TAPE: Flashing tape over wrap 70mm (50 min) turn-down required in corners only. Refer to Fig. 72 of NZBC E2/AS1</p> <p>(FT2) FLEXIBLE FLASHING TAPE: Flexible flashing tape lapped over aluminium head flashing or 2nd layer of Building Wrap, taped joint to top of timber frame</p> <p>(HF) HEAD FLASHING: Aluminium head flashing with minimum 15 degree fall, optional hemmed edges as per table 7 E2/AS1</p> <p>(IL) INTERNAL LINING: Selected Internal Lining</p> <p>(PEF) PEF ROD BACKING: Foam backing rod with sealant to cavity in Window perimeter that forms a waterproof air-seal. (Sealant 2:1 Ratio)</p> | <p>(TF) TIMBER FRAME: H1.2 min treated timber framing</p> <p>(VB) VERTICAL BOARD: Southern Pine H3.2 Vertical Weatherboard. Profile to NZS 3617</p> <p>(TP) TIMBER PACKER: H3.2 Treated Packer</p> <p>(VBA) VERTICAL BATTEN: Southern Pine H3.2 cover batten to vertical boards. Profile to NZS 3617</p> <p>(MS) METER BOX SCRIBER: Southern Pine H3.2 profile cut to fit weatherboard, sealant to scriber and meter box. Profile cut to fit tight under head flashing. For Nail fixing, Refer to Weatherboard Fixing Detail B&B44</p> <p>(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</p> |
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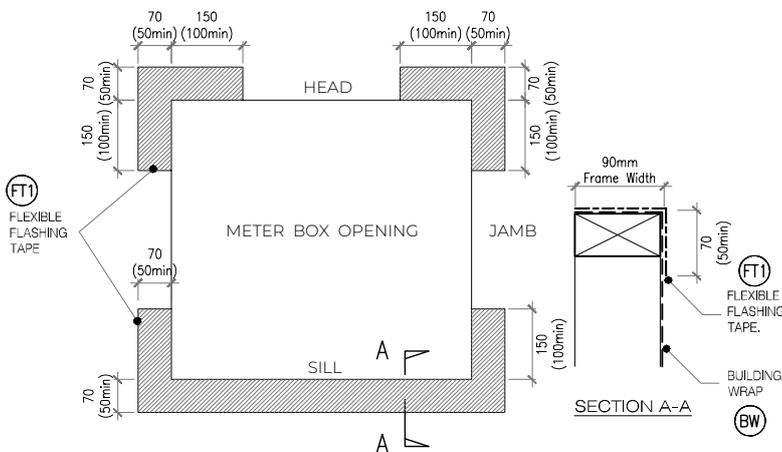


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| <p>(MB) METER BOX: Electrical meter box, with removable hinged door and polycarbonate viewing window</p> <p>(BW) BUILDING WRAP: Flexible Wall Underlay, As per NZBC E2/AS1 - Table 23, In extra high wind zones, Rigid Underlay required (9.1.7.2 E2/AS1)</p> <p>(CB2) CAVITY BATTEN, VERTICAL: 20mm x 45mm H3.2. To form a 20mm cavity</p> <p>(CB3) CAVITY BATTEN, VERTICAL - STRUCTURAL : 45mm x 45mm SPP Radiata Pine, H3.2
45mm x 70mm SPP Radiata Pine, H3.2
To form a 45mm cavity</p> <p>(IN) INSULATION: Selected Insulation</p> <p>(SS) SILL SCRIBER: Southern Pine H3.2, Horizontal batten under window as necessary to suit profile, sealant to back of sill scribe</p> | <p>(CC) CAVITY CLOSURE: Cavity closure strip, positioned to give a 15mm Min drip edge to cladding</p> <p>(FT1) FLASHING TAPE: Flashing tape over wrap 70mm (50 min) turn-down required in corners only. Refer to Fig. 72 of NZBC E2/AS1</p> <p>(FT2) FLEXIBLE FLASHING TAPE: Flexible flashing tape lapped over aluminium head flashing or 2nd layer of Building Wrap, taped joint to top of timber frame</p> <p>(HF) HEAD FLASHING: Aluminium head flashing with minimum 15 degree fall, optional hemmed edges as per table 7 E2/AS1</p> <p>(IL) INTERNAL LINING: Selected Internal Lining</p> <p>(PEF) PEF ROD BACKING: Foam backing rod with sealant to cavity in Window perimeter that forms a waterproof air-seal. (Sealant 2:1 Ratio)</p> | <p>(TF) TIMBER FRAME: H1.2 min treated timber framing</p> <p>(VB) VERTICAL BOARD: Southern Pine H3.2 Vertical Weatherboard. Profile to NZS 3617</p> <p>(TP) TIMBER PACKER: H3.2 Treated Packer</p> <p>(VBA) VERTICAL BATTEN: Southern Pine H3.2 cover batten to vertical boards. Profile to NZS 3617</p> <p>(MS) METER BOX SCRIBER: Southern Pine H3.2 profile cut to fit weatherboard, sealant to scribe and meter box. Profile cut to fit tight under head flashing. For Nail fixing, Refer to Weatherboard Fixing Detail B&B44</p> <p>(WH) WEATHERHEAD: (OPTIONAL) Southern Pine, Horizontal batten above meter box as necessary to suit profile, shaped to shed water, sealant to back of head scribe</p> |
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M4 TYPICAL METER BOX OPENING (FLASHING TAPE)
B&B33 SCALE : N.T.S



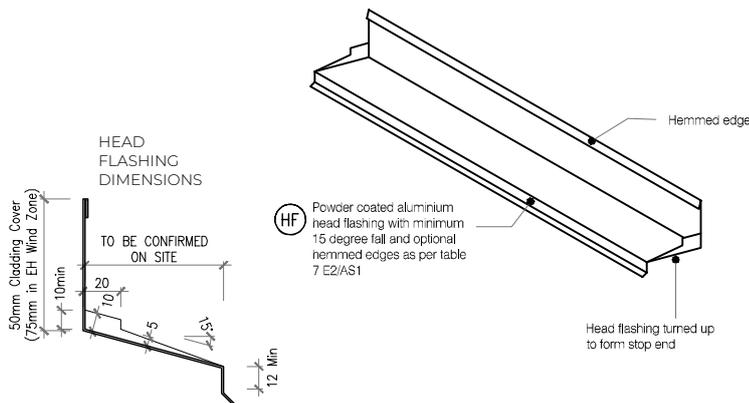
1. DENDRO[®] is Southern Pine's premium product range of H3.2 treated, solid, clear weatherboards. Manufactured from, high quality, pruned NZ Radiata Pine. Product warranty, 25 years if used in accordance with the Installation & Maintenance Guide.
2. All Southern Pine Weatherboard profiles have been machined to be compliant with NZS 3617 and BRANZ BU411
3. The Southern Pine Weatherboard System, if designed and installed as per the Installation & Maintenance Guide, will meet

the following provisions of the New Zealand Building Code (NZBC):

- Clause B1 Structure: Performance B1.3.1, B1.3.2, B1.3.4 (a), (b), (c), (d) and (e) for the
- Clause B2 Durability: Performance B2.3.1(b) and B2.3.2(b)
- Clause E2 External Moisture: Performance E2.3.2, E2.3.3, E2.3.5, E2.3.7(b) and (c)
- Clause F2 Hazardous Building Materials: Performance F2.3.1

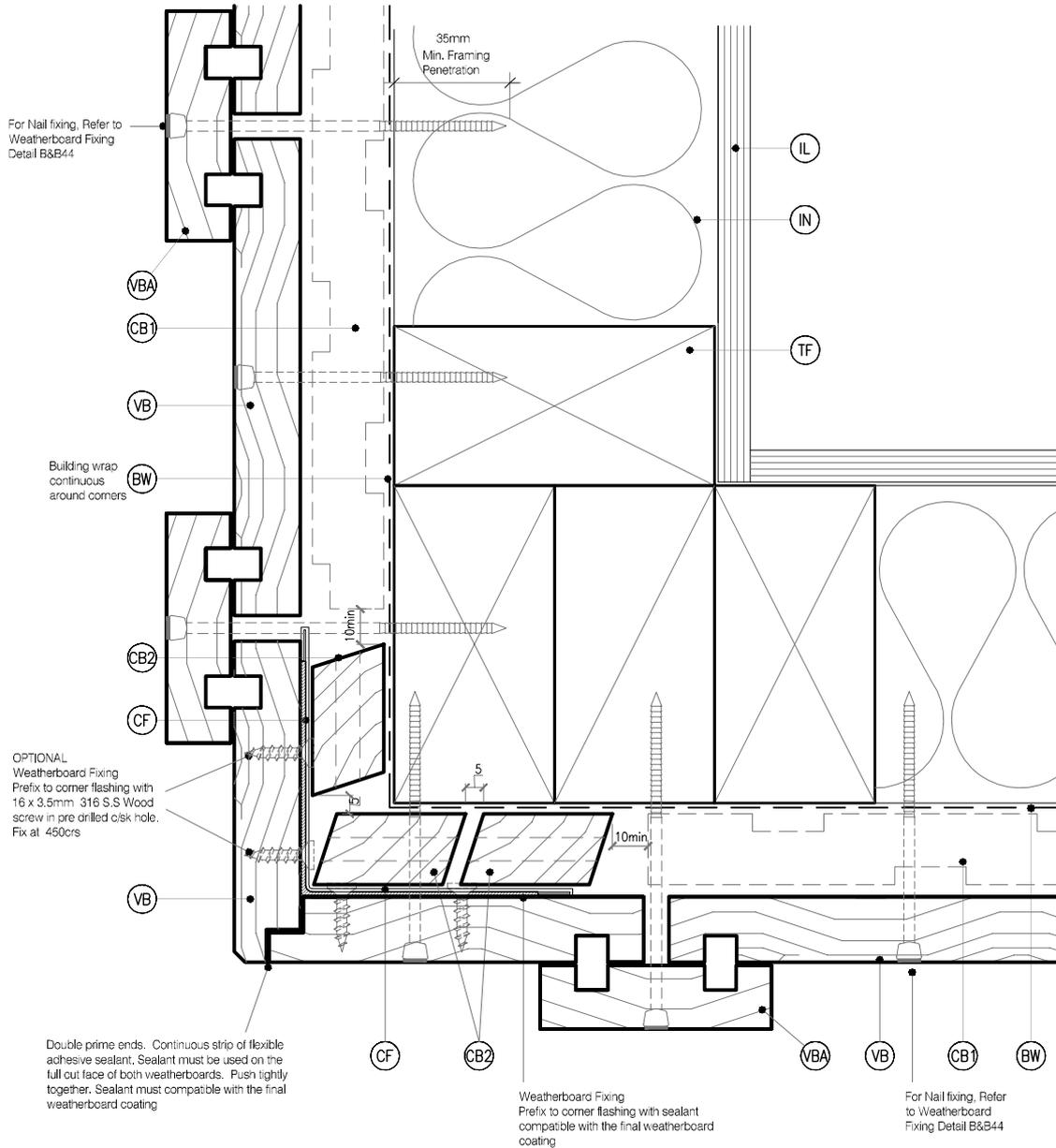
4. This Weatherboard System must be installed by a qualified trade person. Restricted Building Work (RBW) requires a Licensed Building Practitioner (LBP) or supervised by an LBP. It is the specifier's responsibility to ensure that the details are appropriate for the intended application and that additional detailing is obtained for a specific design or any areas that fall outside the scope of the Southern Pine Products & E2/AS1 Acceptable solution.

M5 FLEXIBLE BUILDING WRAP AT OPENING
B&B33 SCALE : 1 / 5 @ A1, 1 / 10 @ A3



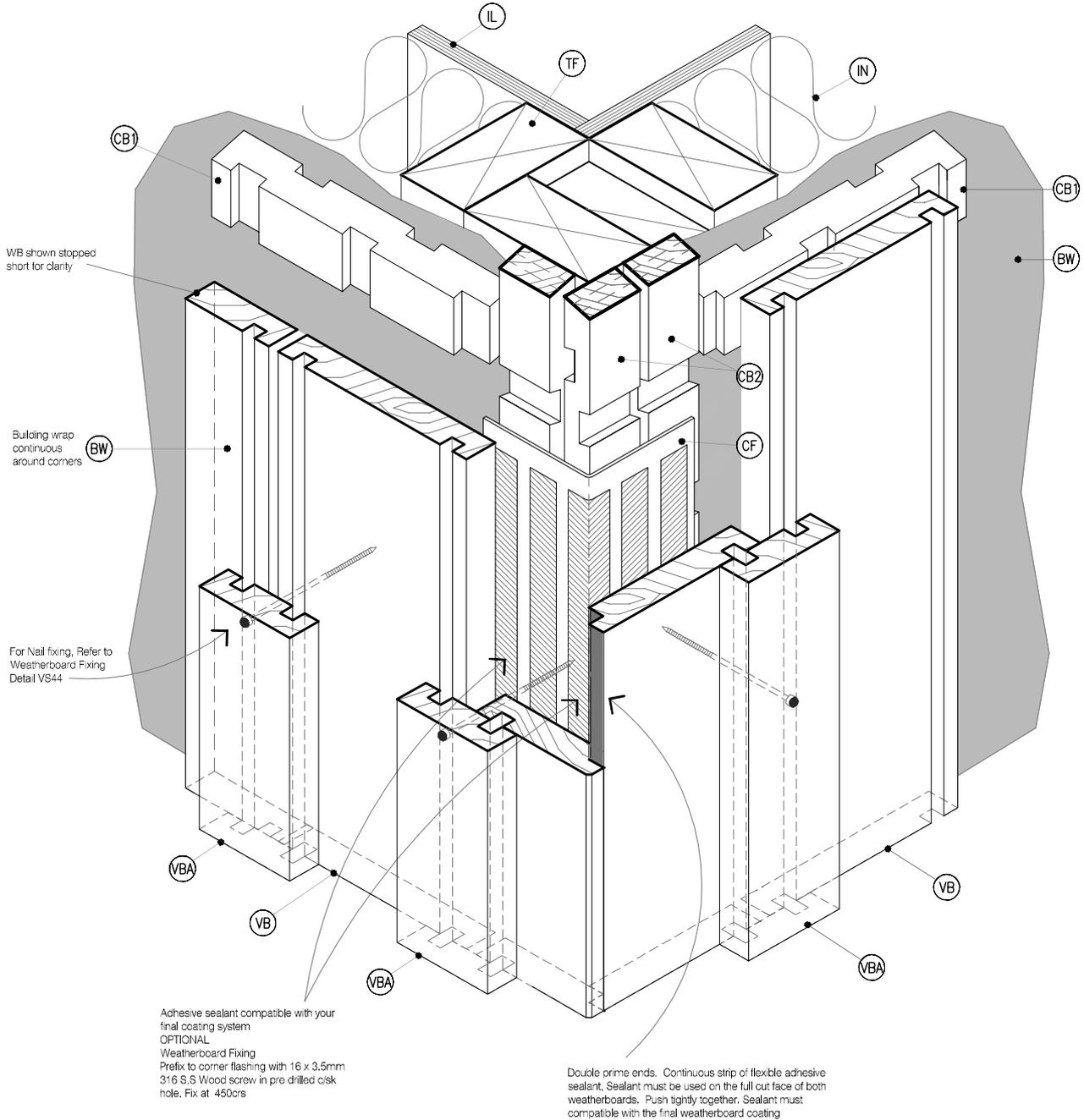
ONE PIECE PC ALUMINIUM HEAD FLASHING 15° SLOPE WITH 10mm min COVER TO JOINERY EXTEND 30mm min EITHER SIDE OF JOINERY WITH STOP ENDS

M6 TYPICAL HEAD & FLASHING JOINT
B&B33 SCALE : 1 / 2 @ A1, 1 / 4 @ A3



LEGEND:

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|---|---|--|
| <p>(BW) BUILDING WRAP: Flexible Wall Underlay, As per NZBC E2/AS1 - Table 23, In extra high wind zones, Rigid Underlay required (9.1.7.2 E2/AS1)</p> <p>(CB2) CAVITY BATTEN, VERTICAL: 20mm x 45mm H3.2. To form a 20mm cavity</p> <p>(CB3) CAVITY BATTEN, VERTICAL - STRUCTURAL : 45mm x 45mm SPP Radiata Pine, H3.2
45mm x 70mm SPP Radiata Pine, H3.2
To form a 45mm cavity</p> <p>(IL) INTERNAL LINING: Selected Internal Lining</p> <p>(IN) INSULATION: Selected Insulation</p> | <p>(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</p> <p>(TF) TIMBER FRAME: H1.2 min Treated timber framing</p> <p>(CC) CAVITY CLOSURE: Cavity closure strip, positioned to give a 15mm Min drip edge to cladding</p> <p>(TP) TIMBER PACKER: H3.2 Treated Packer</p> | <p>(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</p> <p>(VB) VERTICAL BOARD: Southern Pine H3.2 Vertical Weatherboard. Profile to NZS 3617</p> <p>(VBA) VERTICAL BATTEN: Southern Pine H3.2 cover batten to vertical boards. Profile to NZS 3617</p> <p>(WH) WEATHERHEAD: (OPTIONAL) Horizontal batten above flashing as necessary to suit profile, shaped to shed water, sealant to back of scribe</p> |
|---|---|--|



LEGEND:



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



CAVITY BATTEN, VERTICAL: 20mm x 45mm H3.2. To form a 20mm cavity



CAVITY BATTEN, VERTICAL - STRUCTURAL: 45mm x 45mm SPP Radiata Pine, H3.2
45mm x 70mm SPP Radiata Pine, H3.2
To form a 45mm cavity



INTERNAL LINING: Selected Internal Lining



INSULATION: Selected Insulation



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



TIMBER FRAME: H1.2 min Treated timber framing



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



TIMBER PACKER: H3.2 Treated Packer



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



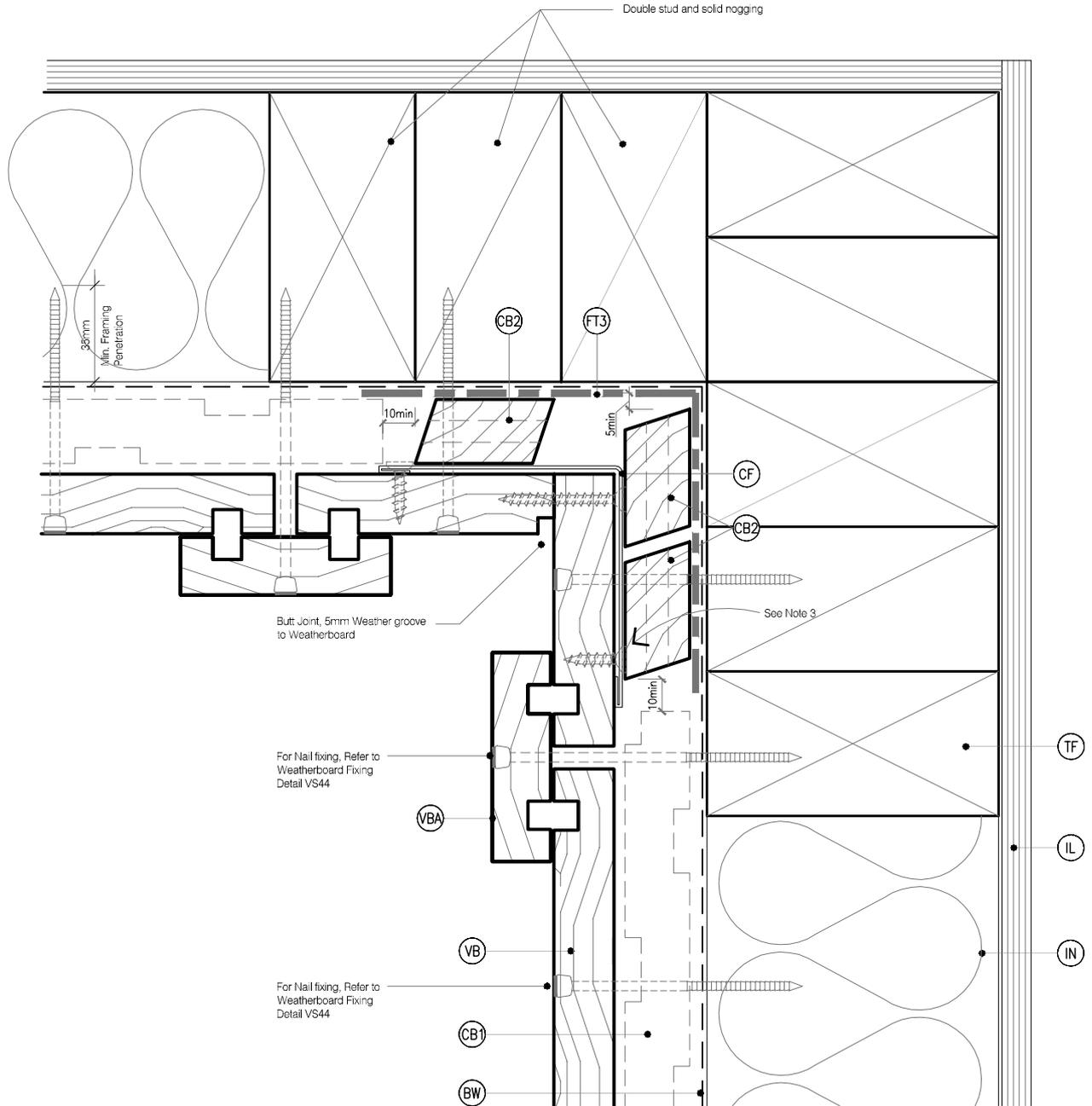
VERTICAL BOARD: Southern Pine H3.2 Vertical Weatherboard. Profile to NZS 3617



VERTICAL BATTEN: Southern Pine H3.2 cover batten to vertical boards. Profile to NZS 3617



WEATHERHEAD: (OPTIONAL) Horizontal batten above flashing as necessary to suit profile, shaped to shed water, sealant to back of scribe

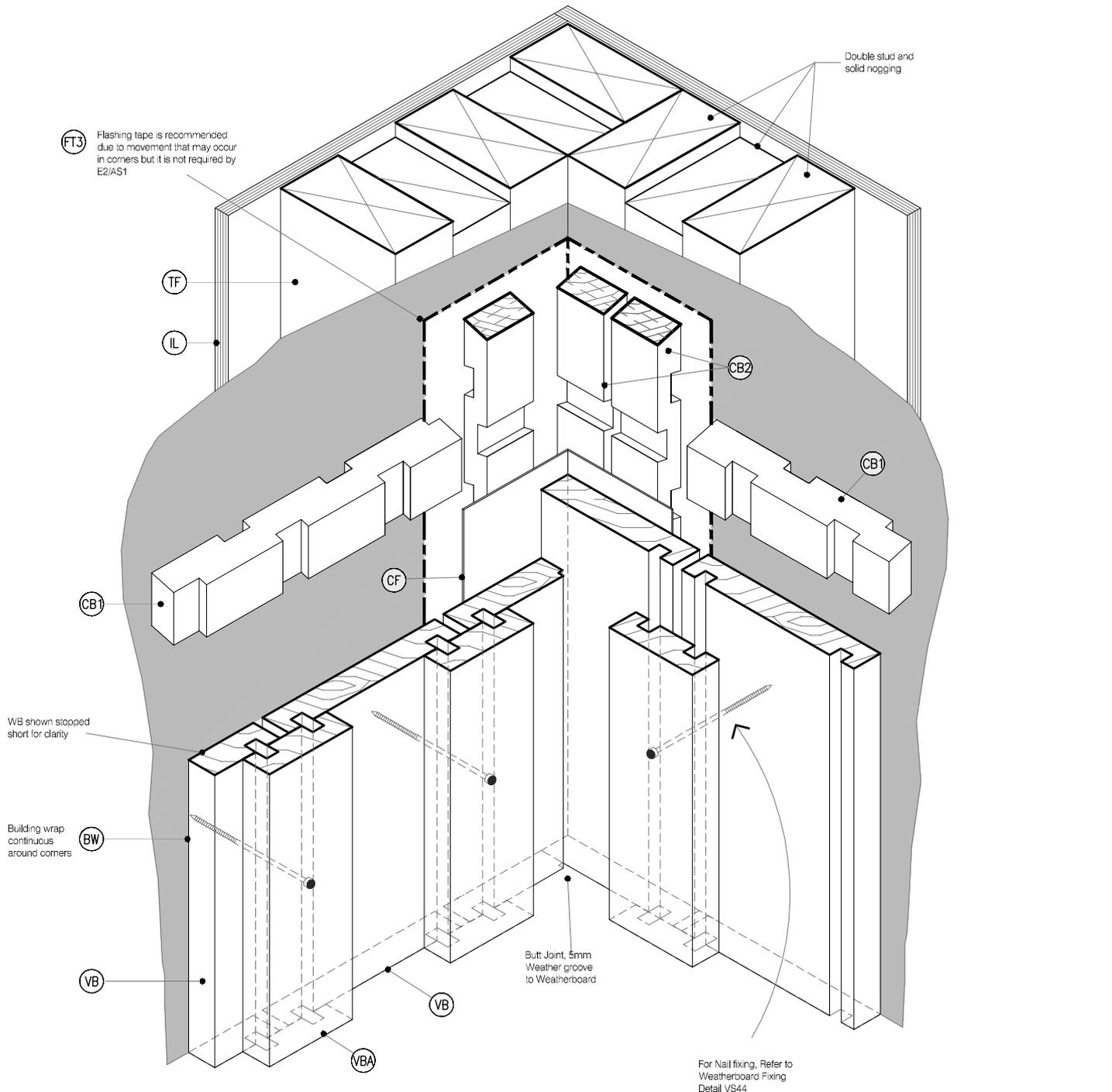


DETAIL NOTES :

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. OPTIONAL : Weatherboard Fixing, Prefix to corner flashing with 3.5mm 316 S.S Wood screw in pre drilled ø/sk hole. Fix at 450cns

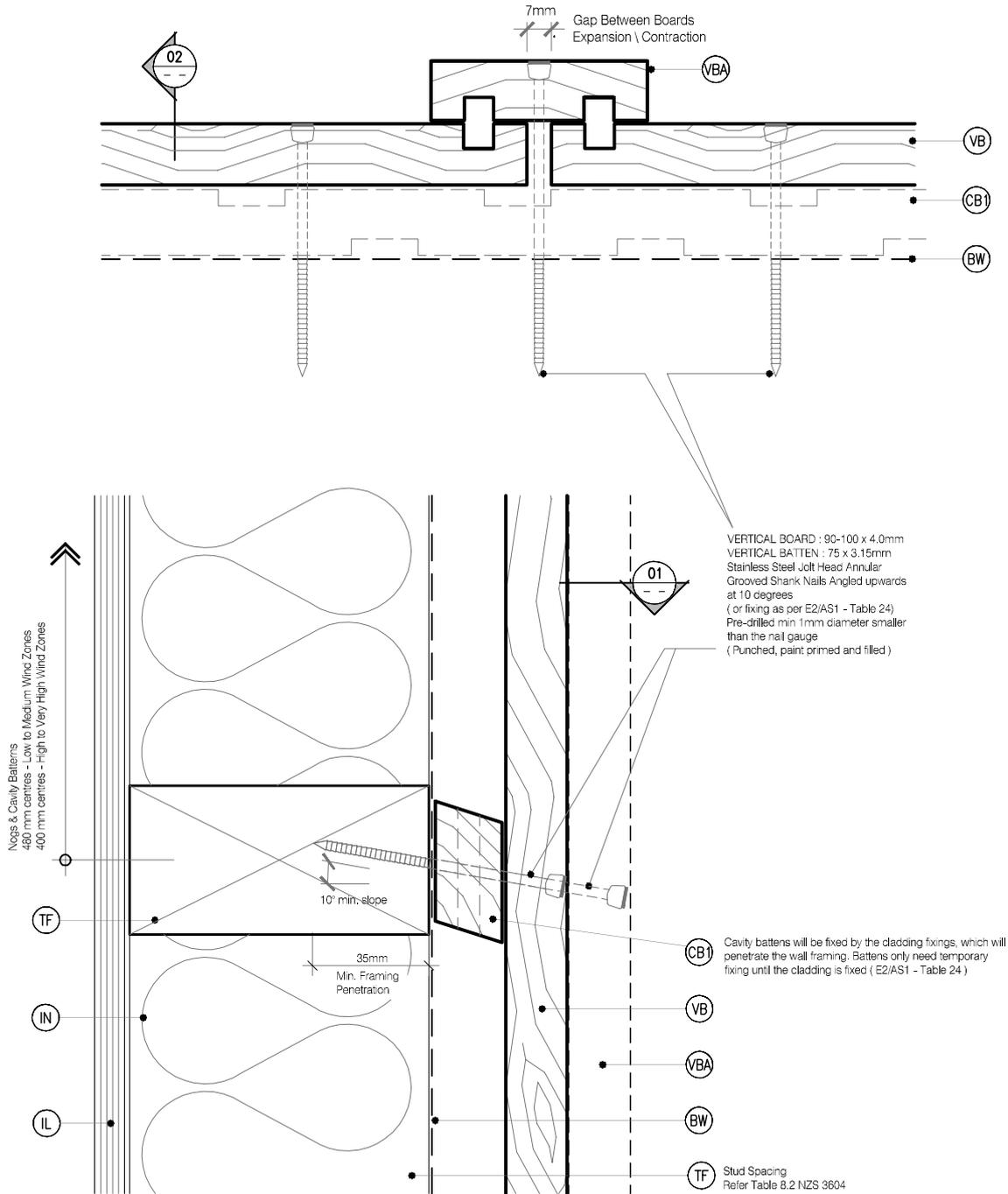
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| <p>(BW) BUILDING WRAP: Flexible Wall Underlay, As per NZBC E2/AS1 - Table 23, In extra high wind zones, Ridgid Underlay required (9.1.7.2 E2/AS1)</p> <p>(CB2) CAVITY BATTEN, VERTICAL: 20mm x 45mm H3.2. To form a 20mm cavity</p> <p>(CB3) CAVITY BATTEN, VERTICAL - STRUCTURAL : 45mm x 45mm SPP Radiata Pine, H3.2
45mm x 70mm SPP Radiata Pine, H3.2
To form a 45mm cavity</p> <p>(IL) INTERNAL LINING: Selected Internal Lining</p> <p>(IN) INSULATION: Selected Insulation</p> | <p>(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</p> <p>(TF) TIMBER FRAME: H1.2 min Treated timber framing</p> <p>(CC) CAVITY CLOSURE: Cavity closure strip, positioned to give a 15mm Min drip edge to cladding</p> <p>(TP) TIMBER PACKER: H3.2 Treated Packer</p> | <p>(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</p> <p>(VB) VERTICAL BOARD: Southern Pine H3.2
Vertical Weatherboard. Profile to NZS 3617</p> <p>(VBA) VERTICAL BATTEN: Southern Pine H3.2 cover batten to vertical boards. Profile to NZS 3617</p> <p>(WH) WEATHERHEAD: (OPTIONAL) Horizontal batten above flashing as necessary to suit profile, shaped to shed water, sealant to back of scribe</p> |
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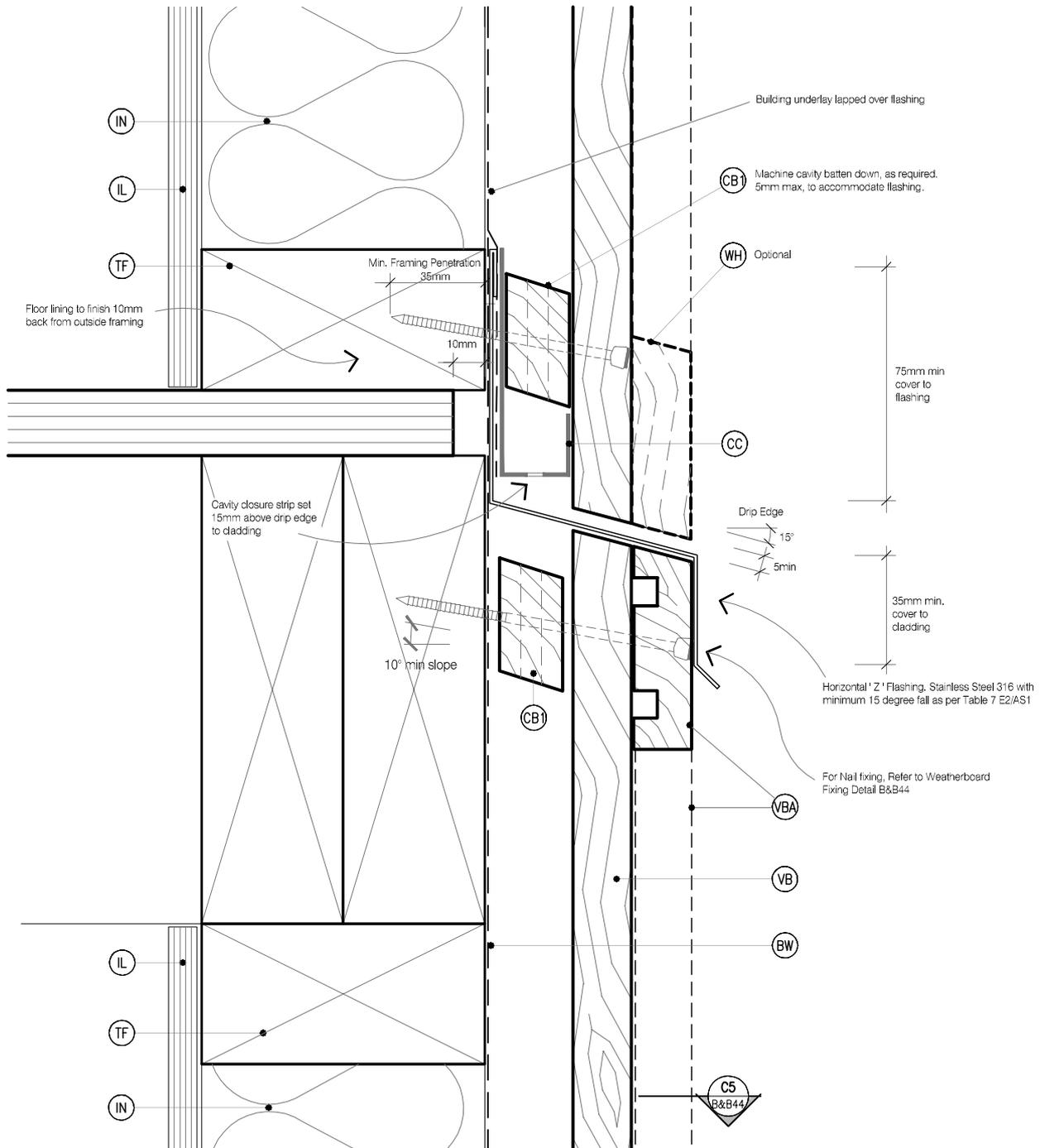
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| <p>(BW) BUILDING WRAP: Flexible Wall Underlay, As per NZBC E2/AS1 - Table 23. In extra high wind zones, Rigid Underlay required (9.1.7.2 E2/AS1)</p> <p>(CB2) CAVITY BATTEN, VERTICAL: 20mm x 45mm H3.2. To form a 20mm cavity</p> <p>(CB3) CAVITY BATTEN - STRUCTURAL : 45mm x 45mm SPP Radiata Pine, H3.2
45mm x 70mm SPP Radiata Pine, H3.2
To form a 45mm cavity</p> <p>(IL) INTERNAL LINING: Selected Internal Lining</p> <p>(IN) INSULATION: Selected Insulation</p> | <p>(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</p> <p>(TF) TIMBER FRAME: H1.2 min Treated timber framing</p> <p>(CC) CAVITY CLOSURE: Cavity closure strip, positioned to give a 15mm Min drip edge to cladding</p> <p>(TP) TIMBER PACKER: H3.2 Treated Packer</p> | <p>(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</p> <p>(VB) VERTICAL BOARD: Southern Pine H3.2
Vertical Weatherboard. Profile to NZS 3617</p> <p>(VBA) VERTICAL BATTEN: Southern Pine H3.2 cover batten to vertical boards. Profile to NZS 3617</p> <p>(WH) WEATHERHEAD: (OPTIONAL) Horizontal batten above flashing as necessary to suit profile, shaped to shed water, sealant to back of scribe</p> |
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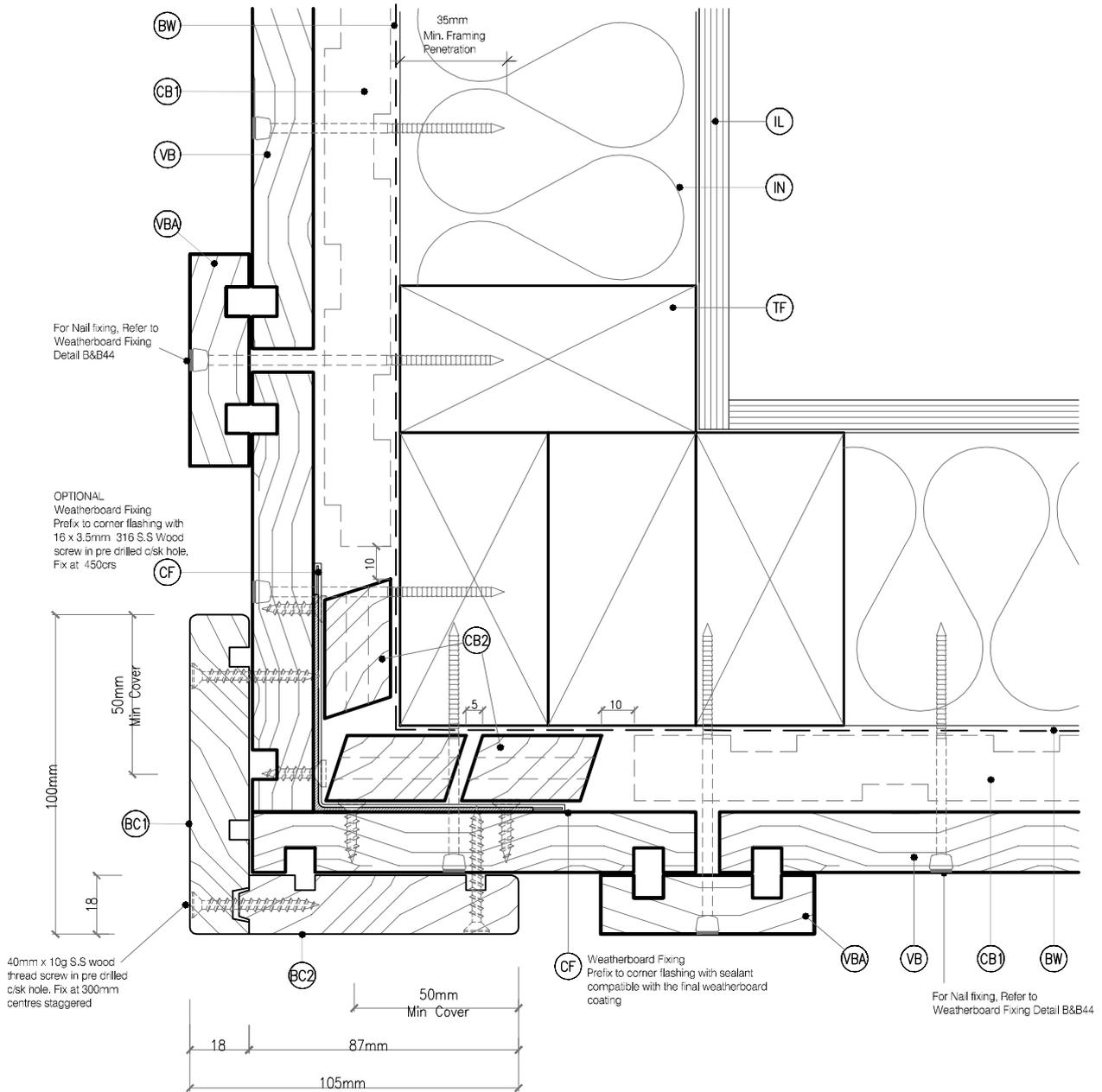
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| <p>(BW) BUILDING WRAP: Flexible Wall Underlay, As per NZBC E2/AS1 - Table 23, In extra high wind zones, Ridgid Underlay required (9.1.7.2 E2/AS1)</p> <p>(CB2) CAVITY BATTEN, VERTICAL: 20mm x 45mm H3.2. To form a 20mm cavity</p> <p>(CB3) CAVITY BATTEN, VERTICAL - STRUCTURAL : 45mm x 45mm SPP Radiata Pine, H3.2
45mm x 70mm SPP Radiata Pine, H3.2
To form a 45mm cavity</p> <p>(IL) INTERNAL LINING: Selected Internal Lining</p> <p>(IN) INSULATION: Selected Insulation</p> | <p>(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</p> <p>(TF) TIMBER FRAME: H1.2 min Treated timber framing</p> <p>(CC) CAVITY CLOSURE: Cavity closure strip, positioned to give a 15mm Min drip edge to cladding</p> <p>(TP) TIMBER PACKER: H3.2 Treated Packer</p> |
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| <p>(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</p> <p>(VB) VERTICAL BOARD: Southern Pine H3.2 Vertical Weatherboard. Profile to NZS 3617</p> <p>(VBA) VERTICAL BATTEN: Southern Pine H3.2 cover batten to vertical boards. Profile to NZS 3617</p> <p>(WH) WEATHERHEAD: (OPTIONAL) Horizontal batten above flashing as necessary to suit profile, shaped to shed water, sealant to back of scribe</p> |
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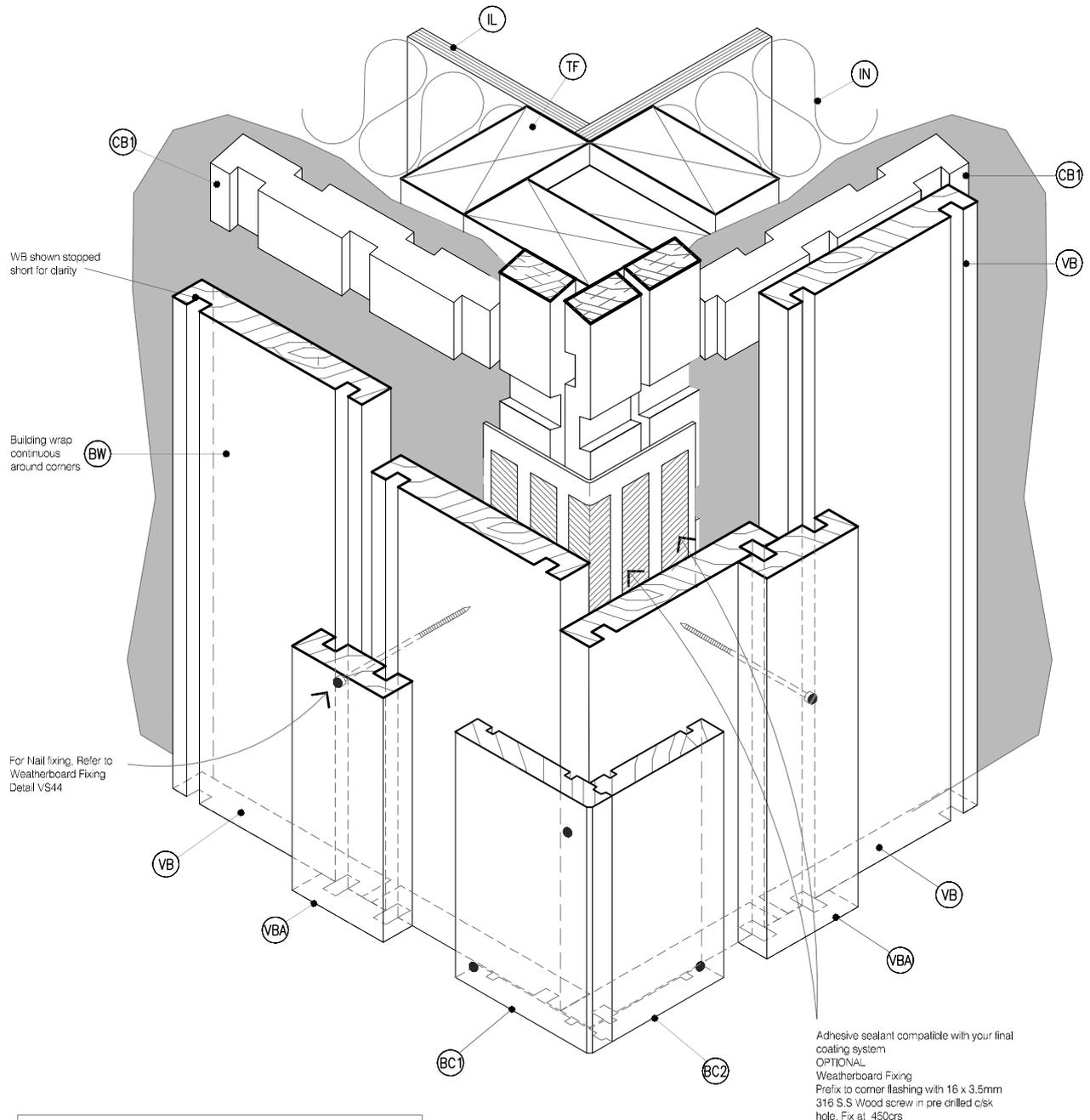
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| <p>(BW) BUILDING WRAP: Flexible Wall Underlay, As per NZBC E2/AS1 - Table 23, In extra high wind zones, Ridgid Underlay required (9.1.7.2 E2/AS1)</p> <p>(CB2) CAVITY BATTEN, VERTICAL: 20mm x 45mm H3.2. To form a 20mm cavity</p> <p>(CB3) CAVITY BATTEN, VERTICAL - STRUCTURAL : 45mm x 45mm SPP Radiata Pine, H3.2
45mm x 70mm SPP Radiata Pine, H3.2
To form a 45mm cavity</p> <p>(IL) INTERNAL LINING: Selected Internal Lining</p> <p>(IN) INSULATION: Selected Insulation</p> | <p>(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</p> <p>(TF) TIMBER FRAME: H1.2 min Treated timber framing</p> <p>(CC) CAVITY CLOSURE: Cavity closure strip, positioned to give a 15mm Min drip edge to cladding</p> <p>(TP) TIMBER PACKER: H3.2 Treated Packer</p> | <p>(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</p> <p>(VB) VERTICAL BOARD: Southern Pine H3.2
Vertical Weatherboard. Profile to NZS 3617</p> <p>(VBA) VERTICAL BATTEN: Southern Pine H3.2 cover batten to vertical boards. Profile to NZS 3617</p> <p>(WH) WEATHERHEAD: (OPTIONAL) Horizontal batten above flashing as necessary to suit profile, shaped to shed water, sealant to back of scribe</p> |
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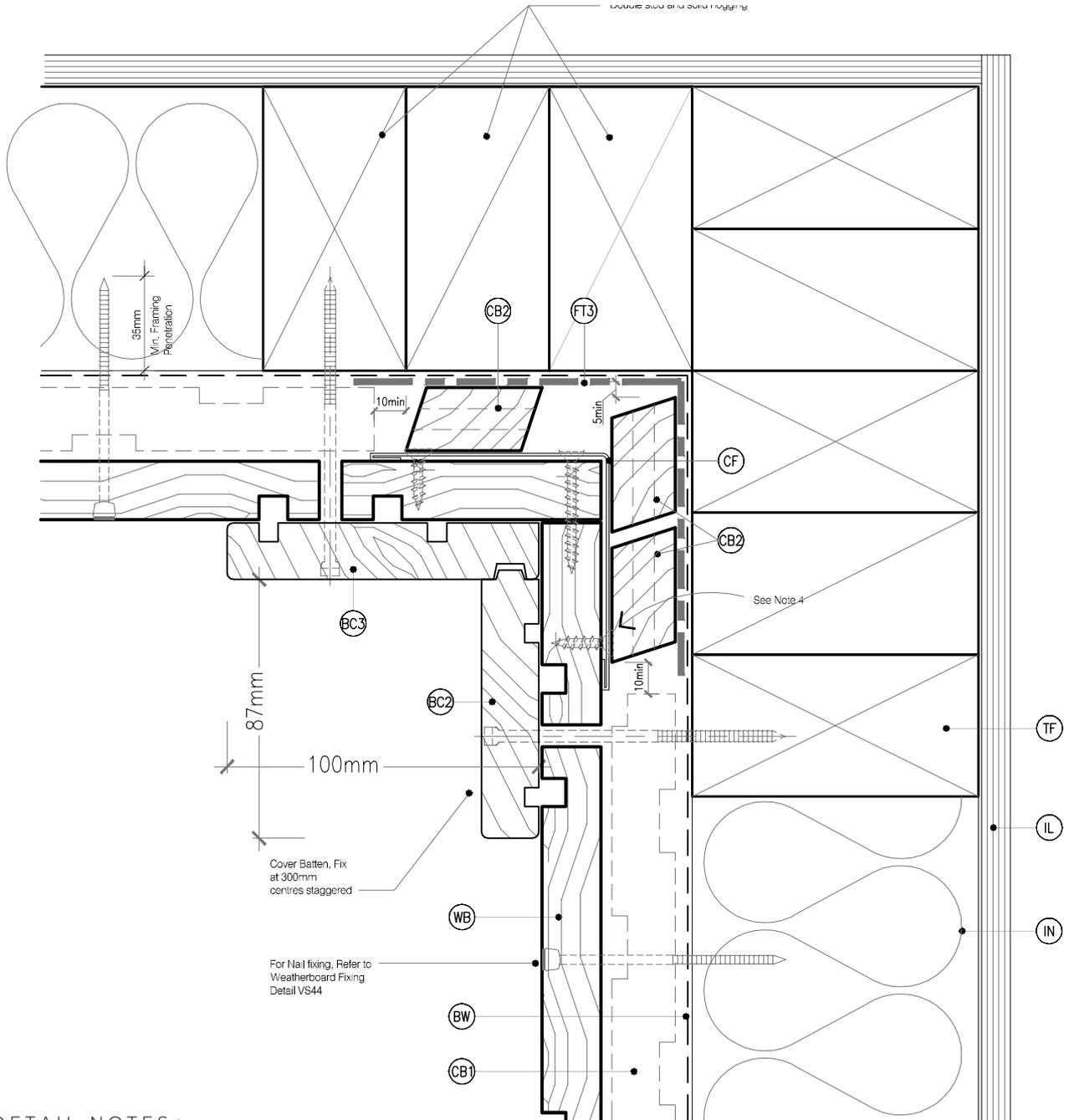
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| <p>(BC1) BOXED CORNER COVER : 98x18 H3.2 Cover Batten to boxed corners</p> <p>(BC2) BOXED CORNER COVER: 85x18 H3.2 Cover Batten to boxed corners</p> <p>(BW) BUILDING WRAP: Flexible Wall Underlay, As per NZBC E2/AS1 - Table 23. In extra high wind zones, Ridgid Underlay required (9.1.7.2 E2/AS1)</p> <p>(CB2) CAVITY BATTEN, VERTICAL: 20mm x 45mm H3.2. To form a 20mm cavity</p> <p>(CB3) CAVITY BATTEN, VERTICAL - STRUCTURAL : 45mm x 45mm SPP Radiata Pine, H3.2
45mm x 70mm SPP Radiata Pine, H3.2
To form a 45mm cavity</p> | <p>(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</p> <p>(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)</p> <p>(FT4) FLEXIBLE FLASHING TAPE: Flexible flashing tape wrapped around pipe and over building wrap, Refer NZBC E2/AS1 4.3.11 & Figure 68</p> | <p>(IN) INSULATION: Selected Insulation</p> <p>(PEF) PEF ROD BACKING: Foam backing rod with sealant to perimeter that forms a waterproof air-seal. (Sealant 2:1 Ratio)</p> <p>(TF) TIMBER FRAME: H1.2 min treated timber framing</p> <p>(IL) INTERNAL LINING: Selected Internal Lining</p> <p>(VB) VERTICAL BOARD: Southern Pine H3.2 Vertical Weatherboard. Profile to NZS 3617</p> <p>(VBA) VERTICAL BATTEN: Southern Pine H3.2 cover batten to vertical boards. Profile to NZS 3617</p> <p>(WH) WEATHERHEAD: (OPTIONAL) Horizontal batten above flashing as necessary to suit profile, shaped to shed water, sealant to back of scribe</p> |
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NOTE:
Box corner trim must not be continuous over solid floor joists.

LEGEND:

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| <ul style="list-style-type: none"> BC1 BOXED CORNER COVER : 98x18 H3.2 Cover Batten to boxed corners BC2 BOXED CORNER COVER: 85x18 H3.2 Cover Batten to boxed corners 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 H3.2. To form a 20mm cavity CB3 CAVITY BATTEN, VERTICAL - STRUCTURAL : 45mm x 45mm SPP Radiata Pine, H3.2 45mm x 70mm SPP Radiata Pine, H3.2 To form a 45mm cavity | <ul style="list-style-type: none"> 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 | <ul style="list-style-type: none"> 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 VB VERTICAL BOARD: Southern Pine H3.2 Vertical Weatherboard. Profile to NZS 3617 VBA VERTICAL BATTEN: Southern Pine H3.2 cover batten to vertical boards. Profile to NZS 3617 WH WEATHERHEAD: (OPTIONAL) Horizontal batten above flashing as necessary to suit profile, shaped to shed water, sealant to back of scribe |
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DETAIL NOTES :

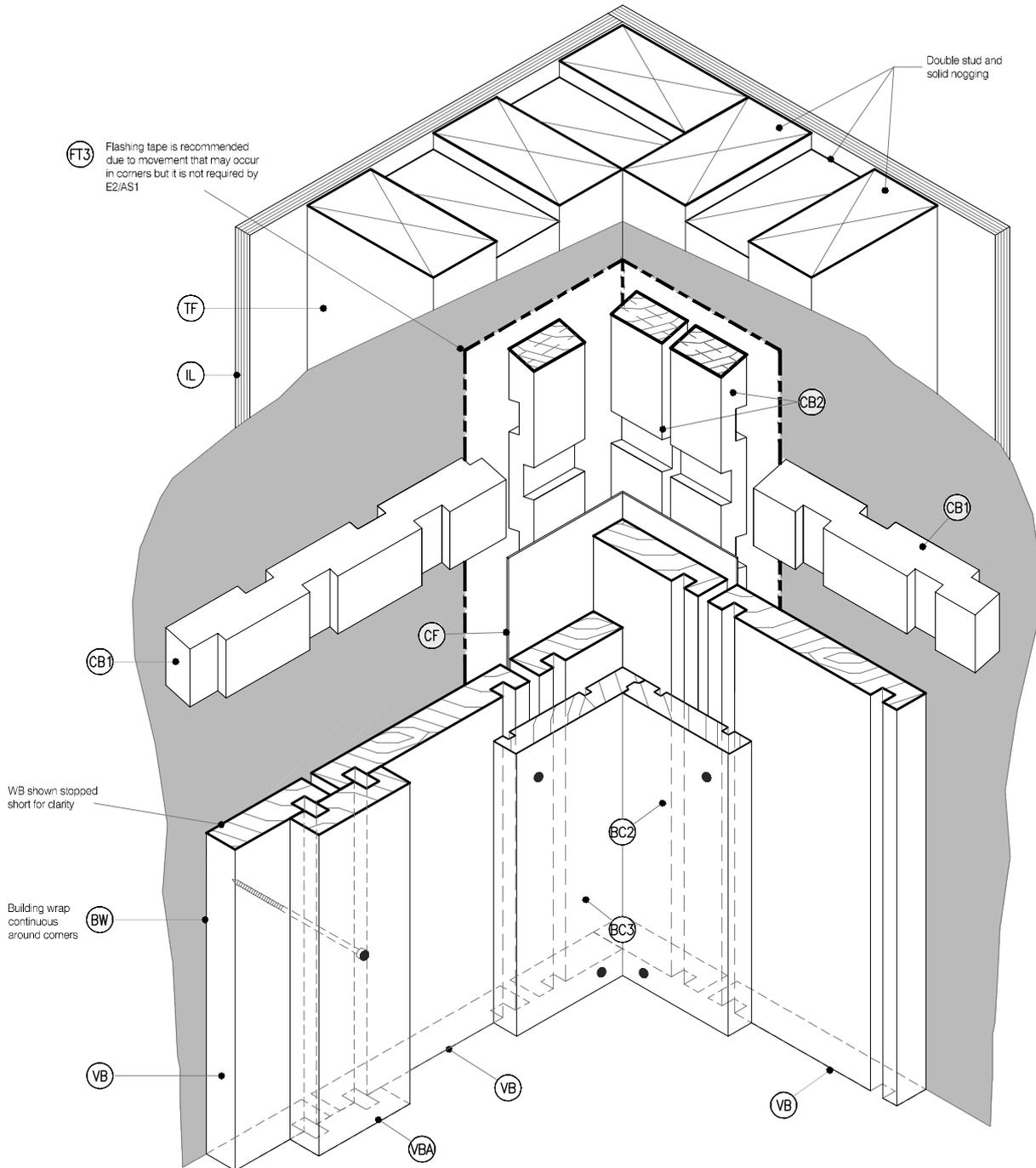
1. Flashing tape is recommended due to movement that may occur in corners but it is not required by E2/AS1
2. Aluminium extrusion must not be continuous over solid floor joists.
3. Corner Flashing is recommended but not required by E2/AS1

LEGEND :

- (BC1)** BOXED CORNER COVER : 98x18 H3.2 Cover Batten to boxed corners
- (BC2)** BOXED CORNER COVER: 85x18 H3.2 Cover Batten to boxed corners
- (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 H3.2. To form a 20mm cavity
- (CB3)** CAVITY BATTEN, VERTICAL - STRUCTURAL : 45mm x 45mm SPP Radiata Pine, H3.2 45mm x 70mm SPP Radiata Pine, H3.2 To form a 45mm cavity

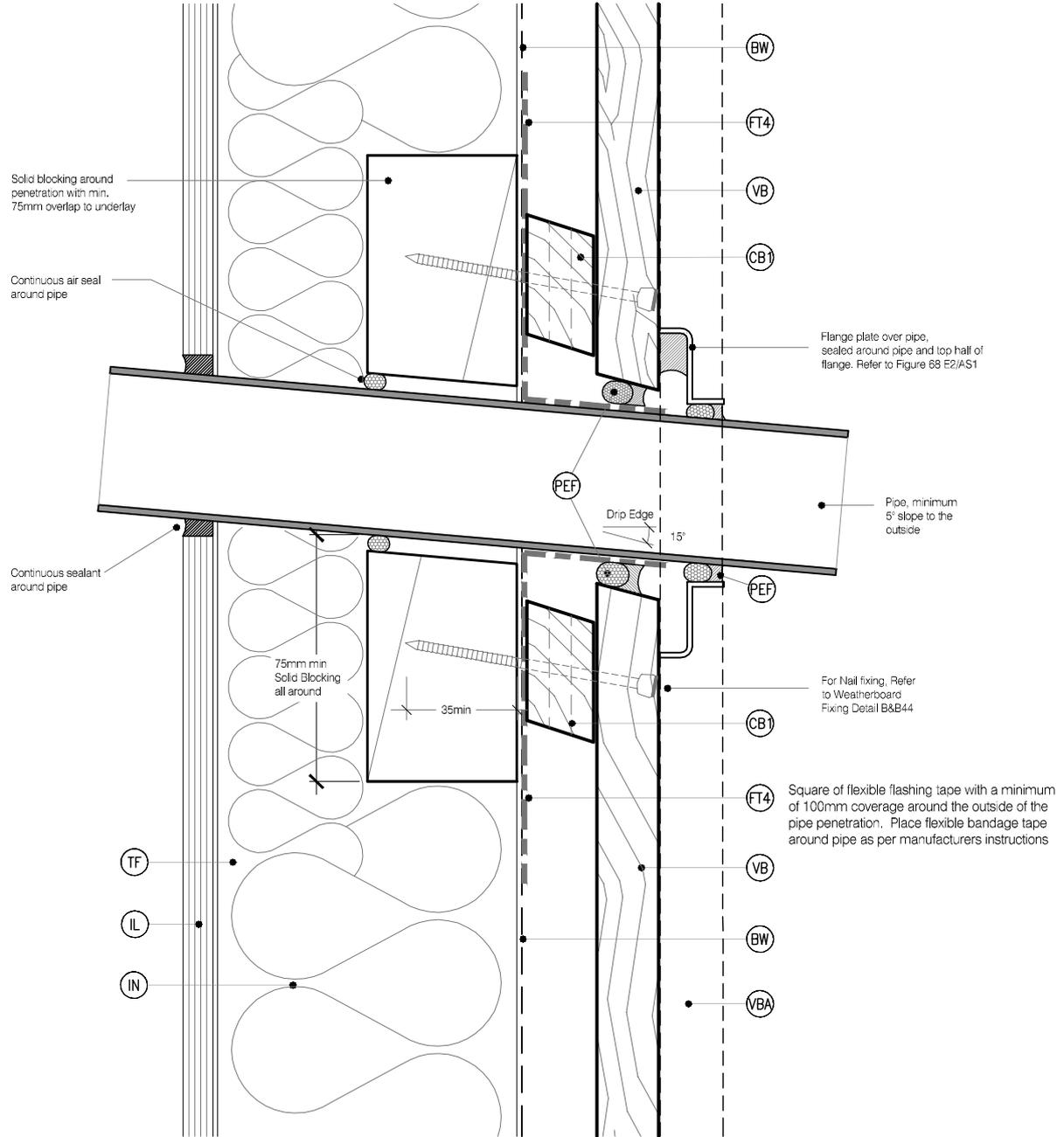
- (CF)** CORNER FLASHING: Aluminium, PVC or Stainless Steel corner flashing. Refer NZBC E2/AS1 4.3 50x50 Hem or Hook to Flashing Edges 75x75 NO, Hem or Hook Required EXTRA HIGH WIND ZONE 100x100 Hem or Hook to Flashing Edges, Refer NZBC E2/AS1 4.5.1
- (FT3)** FLEXIBLE FLASHING TAPE: Flexible flashing 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
- (VB)** VERTICAL BOARD: Southern Pine H3.2 Vertical Weatherboard. Profile to NZS 3617
- (VBA)** VERTICAL BATTEN: Southern Pine H3.2 cover batten to vertical boards. Profile to NZS 3617
- (WH)** WEATHERHEAD: (OPTIONAL) Horizontal batten above flashing as necessary to suit profile, shaped to shed water, sealant to back of scribe



LEGEND:

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| <p>(BC1) BOXED CORNER COVER : 98x18 H3.2 Cover Batten to boxed corners</p> <p>(BC2) BOXED CORNER COVER: 85x18 H3.2 Cover Batten to boxed corners</p> <p>(BW) BUILDING WRAP: Flexible Wall Underlay, As per NZBC E2/AS1 - Table 23. In extra high wind zones, Rigid Underlay required (9.1.7.2 E2/AS1)</p> <p>(CB2) CAVITY BATTEN, VERTICAL: 20mm x 45mm H3.2. To form a 20mm cavity</p> <p>(CB3) CAVITY BATTEN, VERTICAL - STRUCTURAL : 45mm x 45mm SPP Radiata Pine, H3.2 45mm x 70mm SPP Radiata Pine, H3.2 To form a 45mm cavity</p> | <p>(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</p> <p>(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)</p> <p>(FT4) FLEXIBLE FLASHING TAPE: Flexible flashing tape wrapped around pipe and over building wrap, Refer NZBC E2/AS1 4.3.11 & Figure 68</p> | <p>(IN) INSULATION: Selected Insulation</p> <p>(PEF) PEF ROD BACKING: Foam backing rod with sealant to perimeter that forms a waterproof air-seal. (Sealant 2:1 Ratio)</p> <p>(TF) TIMBER FRAME: H1.2 min treated timber framing</p> <p>(IL) INTERNAL LINING: Selected Internal Lining</p> <p>(VB) VERTICAL BOARD: Southern Pine H3.2 Vertical Weatherboard. Profile to NZS 3617</p> <p>(VBA) VERTICAL BATTEN: Southern Pine H3.2 cover batten to vertical boards. Profile to NZS 3617</p> <p>(WH) WEATHERHEAD: (OPTIONAL) Horizontal batten above flashing, as necessary to suit profile, shaped to shed water, sealant to back of scribe</p> |
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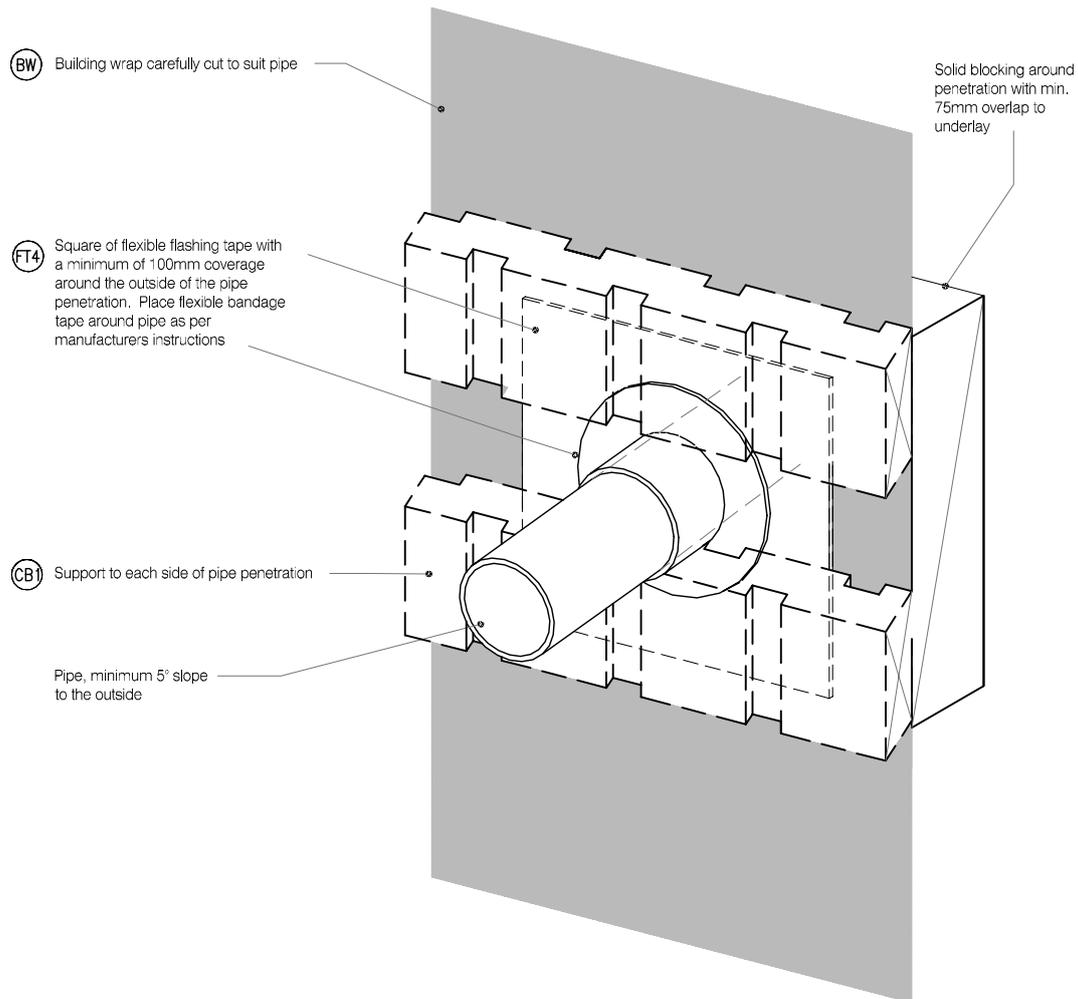


LEGEND:

- BC1** BOXED CORNER COVER : 98x18 H3.2 Cover Batten to boxed corners
- BC2** BOXED CORNER COVER: 85x18 H3.2 Cover Batten to boxed corners
- 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 H3.2. To form a 20mm cavity
- CB3** CAVITY BATTEN, VERTICAL - STRUCTURAL : 45mm x 45mm SPP Radiata Pine, H3.2 45mm x 70mm 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
- 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
- VB** VERTICAL BOARD: Southern Pine H3.2 Vertical Weatherboard. Profile to NZS 3617
- VBA** VERTICAL BATTEN: Southern Pine H3.2 cover batten to vertical boards. Profile to NZS 3617
- WH** WEATHERHEAD: (OPTIONAL) Horizontal batten above flashing as necessary to suit profile, shaped to shed water, sealant to back of scribe

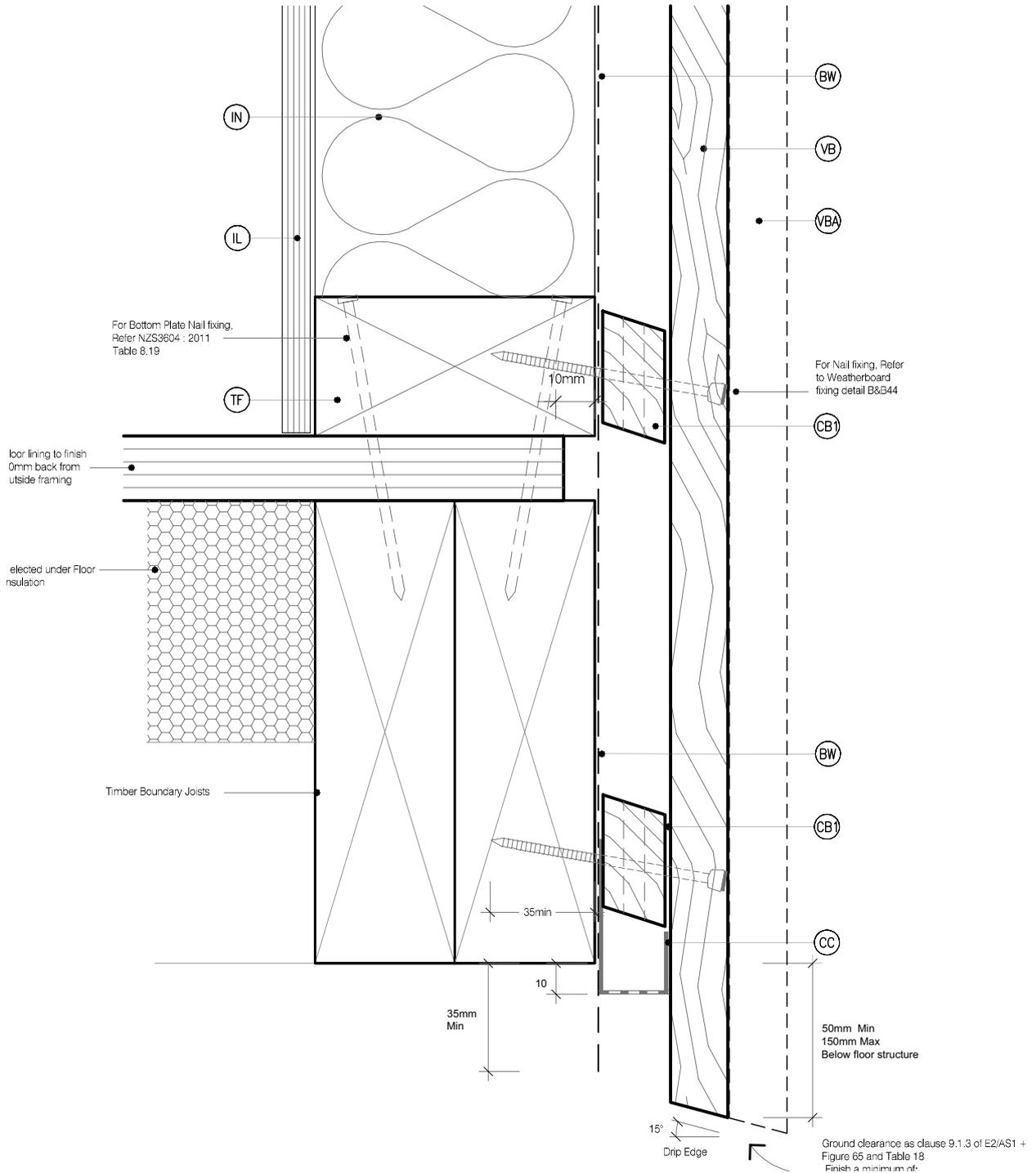


LEGEND:

- (BC1) BOXED CORNER COVER : 98x18 H3.2 Cover Batten to boxed corners
- (BC2) BOXED CORNER COVER: 85x18 H3.2 Cover Batten to boxed corners
- (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)
- (CB2) CAVITY BATTEN, VERTICAL: 20mm x 45mm H3.2. To form a 20mm cavity
- (CB3) CAVITY BATTEN, VERTICAL - STRUCTURAL : 45mm x 45mm SPP Radiata Pine, H3.2
45mm x 70mm SPP Radiata Pine, H3.2
To form a 45mm cavity

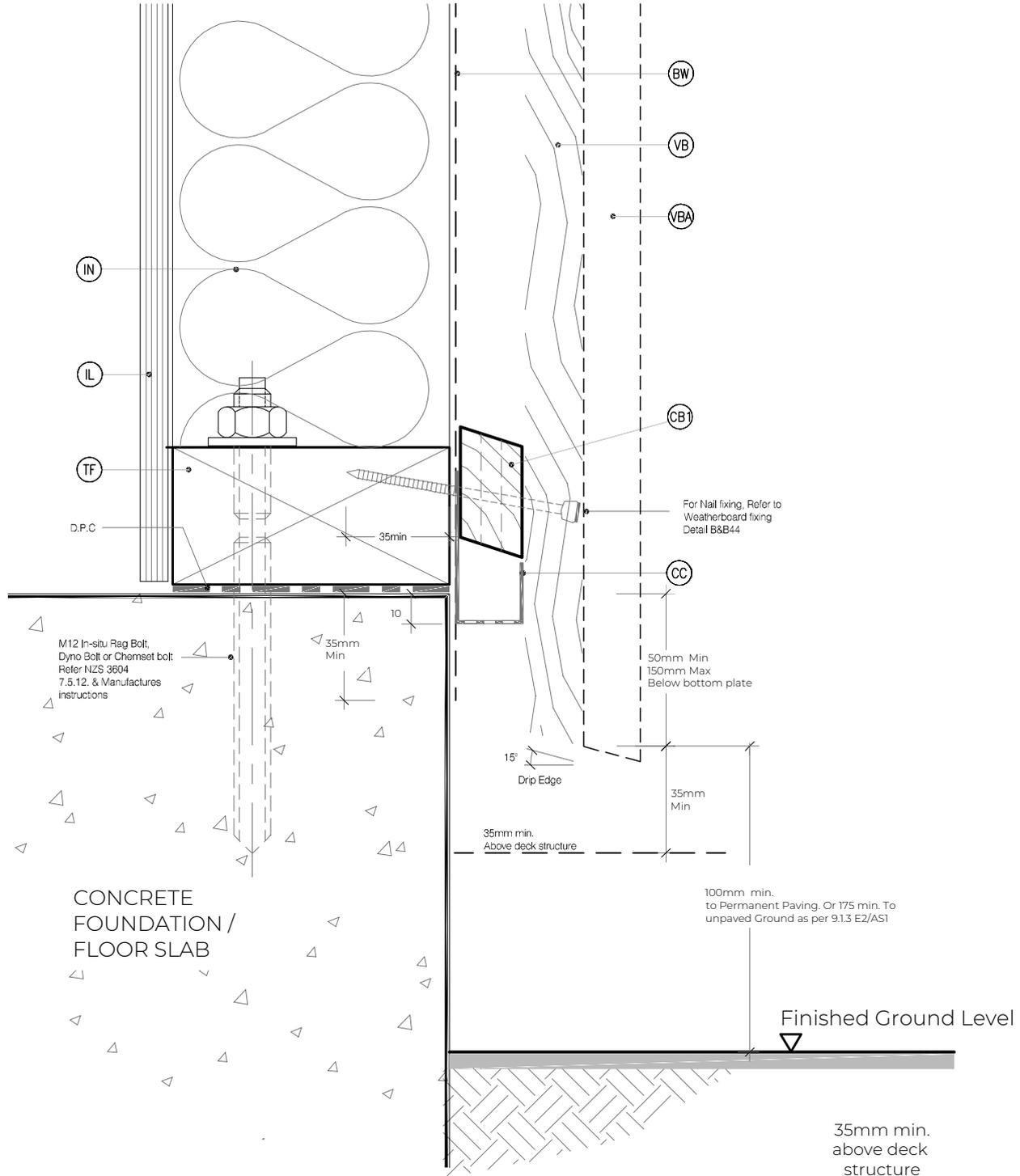
- (CF) CORNER FLASHING: Aluminium, PVC or Stainless Steel corner flashing. Refer NZBC E2/AS1 4.3
50x50 Hem or Hook to Flashing Edges
75x75 NO, Hem or Hook Required
EXTRA HIGH WIND ZONE
100x100 Hem or Hook to Flashing Edges, Refer NZBC E2/AS1 4.5.1
- (FT3) FLEXIBLE FLASHING TAPE: Flexible flashing tape 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
- (VB) VERTICAL BOARD: Southern Pine H3.2 Vertical Weatherboard. Profile to NZS 3617
- (VBA) VERTICAL BATTEN: Southern Pine H3.2 cover batten to vertical boards. Profile to NZS 3617
- (WH) WEATHERHEAD: (OPTIONAL) Horizontal batten above flashing as necessary to suit profile, shaped to shed water, sealant to back of scribe



LEGEND :

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| <p>(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</p> <p>(BW) BUILDING WRAP: Flexible Wall Underlay, As per NZBC E2/AS1 - Table 23, In extra high wind zones, Rigid Underlay required (9.1.7.2 E2/AS1)</p> <p>(CB2) CAVITY BATTEN, VERTICAL: 20mm x 45mm H3.2. To form a 20mm cavity.</p> <p>(CB3) CAVITY BATTEN, VERTICAL - STRUCTURAL : 45mm x 45mm SPP Radiata Pine, H3.2 45mm x 70mm SPP Radiata Pine, H3.2 To form a 45mm cavity</p> | <p>(CC) CAVITY CLOSURE: Cavity closure strip, positioned to give a 15mm Min drip edge to cladding</p> <p>(IL) INTERNAL LINING: Selected Internal Lining</p> <p>(IN) INSULATION: Selected Insulation</p> <p>(HS) HEAD SOFFIT SCRIBER: Southern Pine H3.2, Horizontal batten. Fix with 75 x 3.15mm 316 S.S nail in 2.5mm predrilled hole. (Spaced off cladding with 5m EPDM washer to provide ventilation. Recommended moisture control, but it is not required by E2/AS1</p> <p>(MR) METAL ROOFING : Selected Metal Roofing</p> | <p>(SL) SOFFIT LINING: Selected Soffit Lining</p> <p>(TF) TIMBER FRAME: H1.2 min treated timber framing</p> <p>(TP) TIMBER PACKER: Cant Strip, H3.2 Treated at 300crs to allow ventilation over the top of the wall.</p> <p>(RU) ROOFING UNDERLAY: Selected Roofing Underlay As Per AS/AZS4200 with Mesh or Self Supported</p> <p>(VB) VERTICAL BOARD: Southern Pine H3.2 Vertical Weatherboard. Profile to NZS 3617</p> <p>(VBA) VERTICAL BATTEN: Southern Pine H3.2 cover batten to vertical boards. Profile to NZS 3617</p> |
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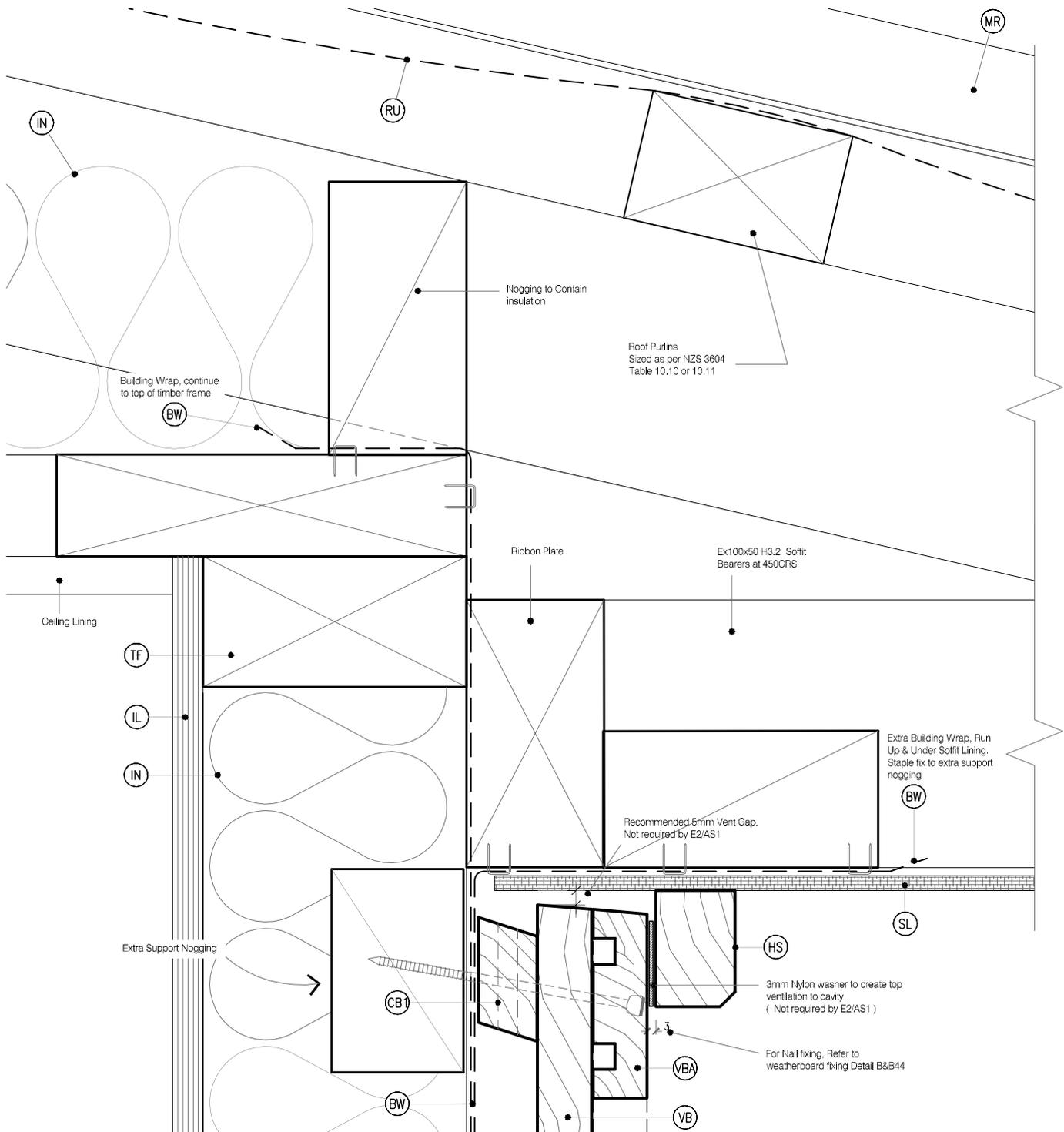


CONCRETE
FOUNDATION /
FLOOR SLAB

Finished Ground Level

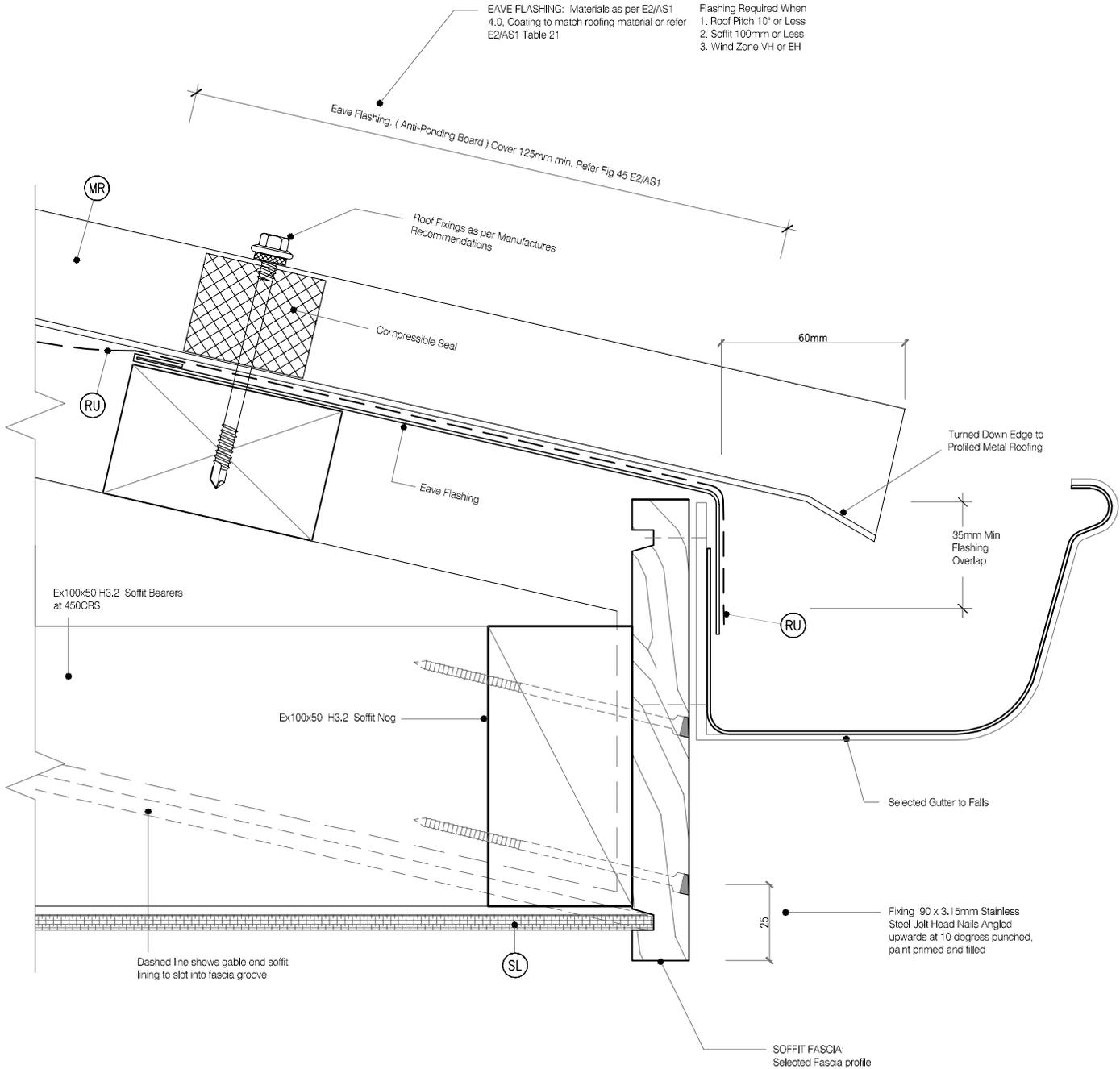
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| <ul style="list-style-type: none"> (AF) APRON FLASHING: Materials as per E2/AS1 4.0, Coating to match roofing material or refer E2/AS1 Table 21. Flashing Cover 130mm min. (L, M & H \geq 10°) All others 200mm Refer Table 7 E2/AS1 (BW) BUILDING WRAP: Flexible Wall Underlay, As per NZBC E2/AS1 - Table 23, In extra high wind zones, Ridgid Underlay required (9.1.7.2 E2/AS1) (CB2) CAVITY BATTEN, VERTICAL: 20mm x 45mm H3.2. To form a 20mm cavity. (CB3) CAVITY BATTEN, VERTICAL - STRUCTURAL : 45mm x 45mm SPP Radiata Pine, H3.2 45mm x 70mm SPP Radiata Pine, H3.2 To form a 45mm cavity | <ul style="list-style-type: none"> (CC) CAVITY CLOSURE: Cavity closure strip, positioned to give a 15mm Min drip edge to cladding (IL) INTERNAL LINING: Selected Internal Lining (IN) INSULATION: Selected Insulation (HS) HEAD SOFFIT SCRIBER: Southern Pine H3.2, Horizontal batten. Fix with 75 x 3.15mm 316 S.S nail in 2.5mm predrilled hole. (Spaced off cladding with 5m EPDM washer to provide ventilation. Recommended moisture control, but it is not required by E2/AS1 (MR) METAL ROOFING : Selected Metal Roofing | <ul style="list-style-type: none"> (SL) SOFFIT LINING: Selected Soffit Lining (TF) TIMBER FRAME: H1.2 min treated timber framing (TP) TIMBER PACKER: Cant Strip, H3.2 Treated at 300crs to allow ventilation over the top of the wall. (RU) ROOFING UNDERLAY: Selected Roofing Underlay As Per AS/AZS4200 with Mesh or Self Supported (VB) VERTICAL BOARD: Southern Pine H3.2 Vertical Weatherboard. Profile to NZS 3617 (VBA) VERTICAL BATTEN: Southern Pine H3.2 cover batten to vertical boards. Profile to NZS 3617 |
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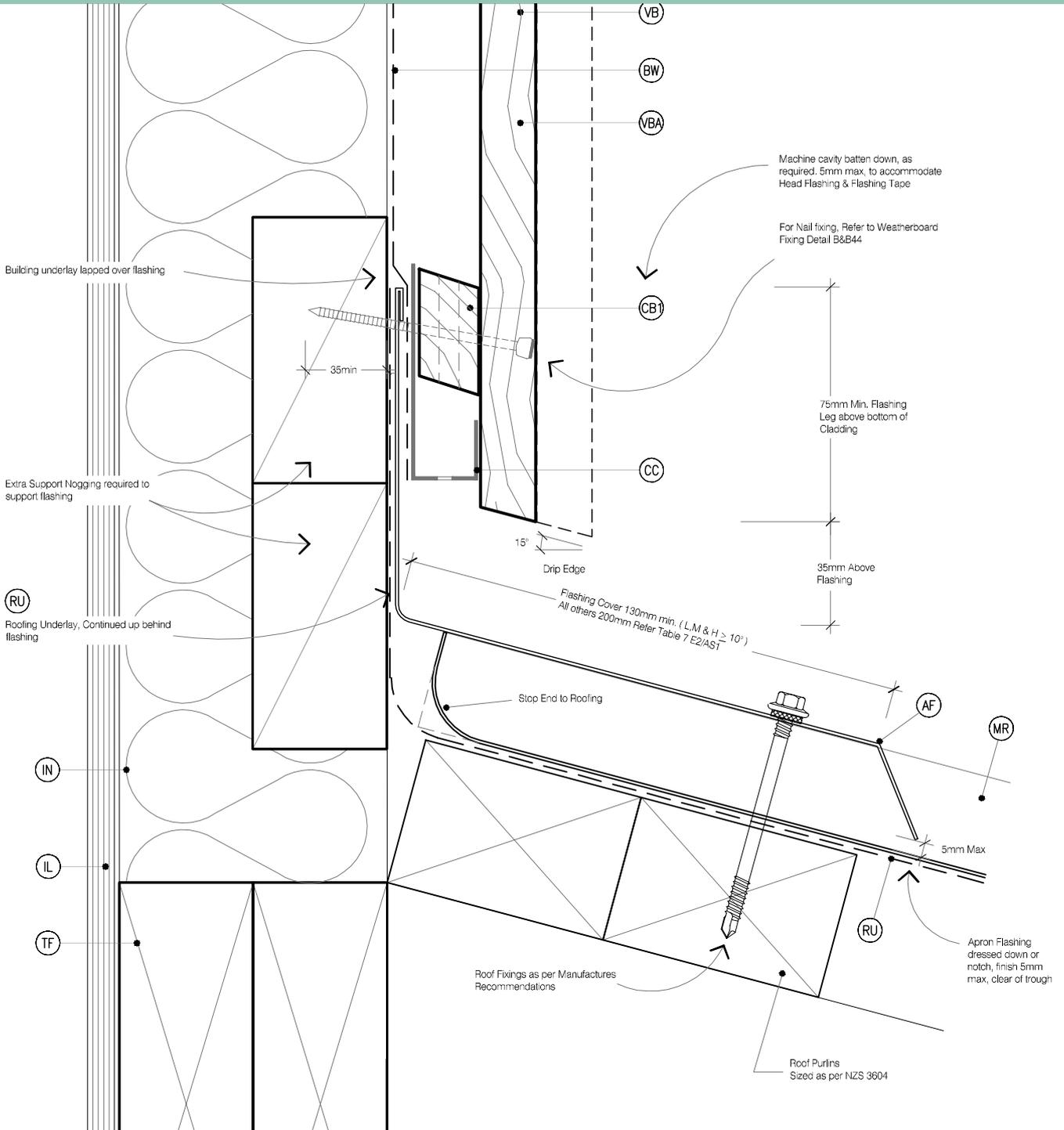
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| <p>(AF) APRON FLASHING: Materials as per E2/AS1 4.0, Coating to match roofing material or refer E2/AS1 Table 21. Flashing Cover 130mm min. (L, M & H $\geq 10^\circ$) All others 200mm Refer Table 7 E2/AS1</p> <p>(BW) BUILDING WRAP: Flexible Wall Underlay, As per NZBC E2/AS1 - Table 23, In extra high wind zones, Rigid Underlay required (9.1.7.2 E2/AS1)</p> <p>(CB2) CAVITY BATTEN, VERTICAL: 20mm x 45mm H3.2. To form a 20mm cavity.</p> <p>(CB3) CAVITY BATTEN, VERTICAL - STRUCTURAL: 45mm x 45mm SPP Radiata Pine, H3.2
45mm x 70mm SPP Radiata Pine, H3.2
To form a 45mm cavity</p> | <p>(CC) CAVITY CLOSURE: Cavity closure strip, positioned to give a 15mm Min drip edge to cladding</p> <p>(IL) INTERNAL LINING: Selected Internal Lining</p> <p>(IN) INSULATION: Selected Insulation</p> <p>(HS) HEAD SOFFIT SCRIBER: Southern Pine H3.2, Horizontal batten. Fix with 75 x 3.15mm 316 S.S nail in 2.5mm predrilled hole. (Spaced off cladding with 5m EPDM washer to provide ventilation. Recommended moisture control, but it is not required by E2/AS1)</p> <p>(MR) METAL ROOFING: Selected Metal Roofing</p> | <p>(SL) SOFFIT LINING: Selected Soffit Lining</p> <p>(TF) TIMBER FRAME: H1.2 min treated timber framing</p> <p>(TP) TIMBER PACKER: Cant Strip, H3.2 Treated at 300crs to allow ventilation over the top of the wall.</p> <p>(RU) ROOFING UNDERLAY: Selected Roofing Underlay As Per AS/AZS4200 with Mesh or Self Supported</p> <p>(VB) VERTICAL BOARD: Southern Pine H3.2 Vertical Weatherboard. Profile to NZS 3617</p> <p>(VBA) VERTICAL BATTEN: Southern Pine H3.2 cover batten to vertical boards. Profile to NZS 3617</p> |
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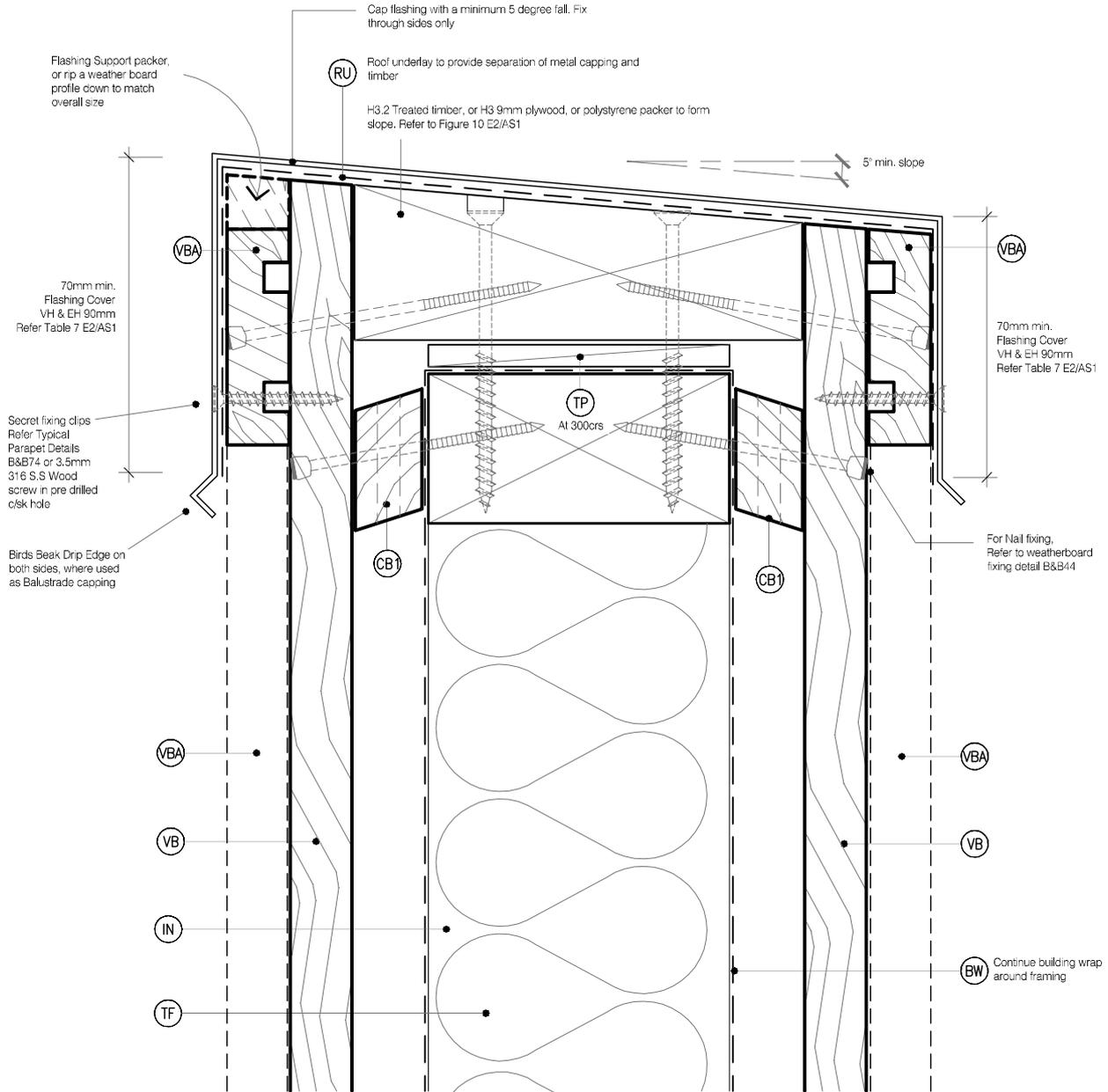
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| <p>(AF) APRON FLASHING: Materials as per E2/AS1 4.0, Coating to match roofing material or refer E2/AS1 Table 21. Flashing Cover 130mm min. (L, M & H $\geq 10^\circ$) All others 200mm Refer Table 7 E2/AS1</p> <p>(BW) BUILDING WRAP: Flexible Wall Underlay, As per NZBC E2/AS1 - Table 23, In extra high wind zones, Rigid Underlay required (9.1.7.2 E2/AS1)</p> <p>(CB2) CAVITY BATTEN, VERTICAL: 20mm x 45mm H3.2. To form a 20mm cavity.</p> <p>(CB3) CAVITY BATTEN, VERTICAL - STRUCTURAL : 45mm x 45mm SPP Radiata Pine, H3.2
45mm x 70mm SPP Radiata Pine, H3.2
To form a 45mm cavity</p> | <p>(CC) CAVITY CLOSURE: Cavity closure strip, positioned to give a 15mm Min drip edge to cladding</p> <p>(IL) INTERNAL LINING: Selected Internal Lining</p> <p>(IN) INSULATION: Selected Insulation</p> <p>(HS) HEAD SOFFIT SCRIBER: Southern Pine H3.2, Horizontal batten. Fix with 75 x 3.15mm 316 S.S nail in 2.5mm predrilled hole. (Spaced off cladding with 5m EPDM washer to provide ventilation. Recommended moisture control, but it is not required by E2/AS1</p> <p>(MR) METAL ROOFING : Selected Metal Roofing</p> | <p>(SL) SOFFIT LINING: Selected Soffit Lining</p> <p>(TF) TIMBER FRAME: H1.2 min treated timber framing</p> <p>(TP) TIMBER PACKER: Cant Strip, H3.2 Treated at 300crs to allow ventilation over the top of the wall.</p> <p>(RU) ROOFING UNDERLAY: Selected Roofing Underlay As Per AS/AZS4200 with Mesh or Self Supported</p> <p>(VB) VERTICAL BOARD: Southern Pine H3.2 Vertical Weatherboard. Profile to NZS 3617</p> <p>(VBA) VERTICAL BATTEN: Southern Pine H3.2 cover batten to vertical boards. Profile to NZS 3617</p> |
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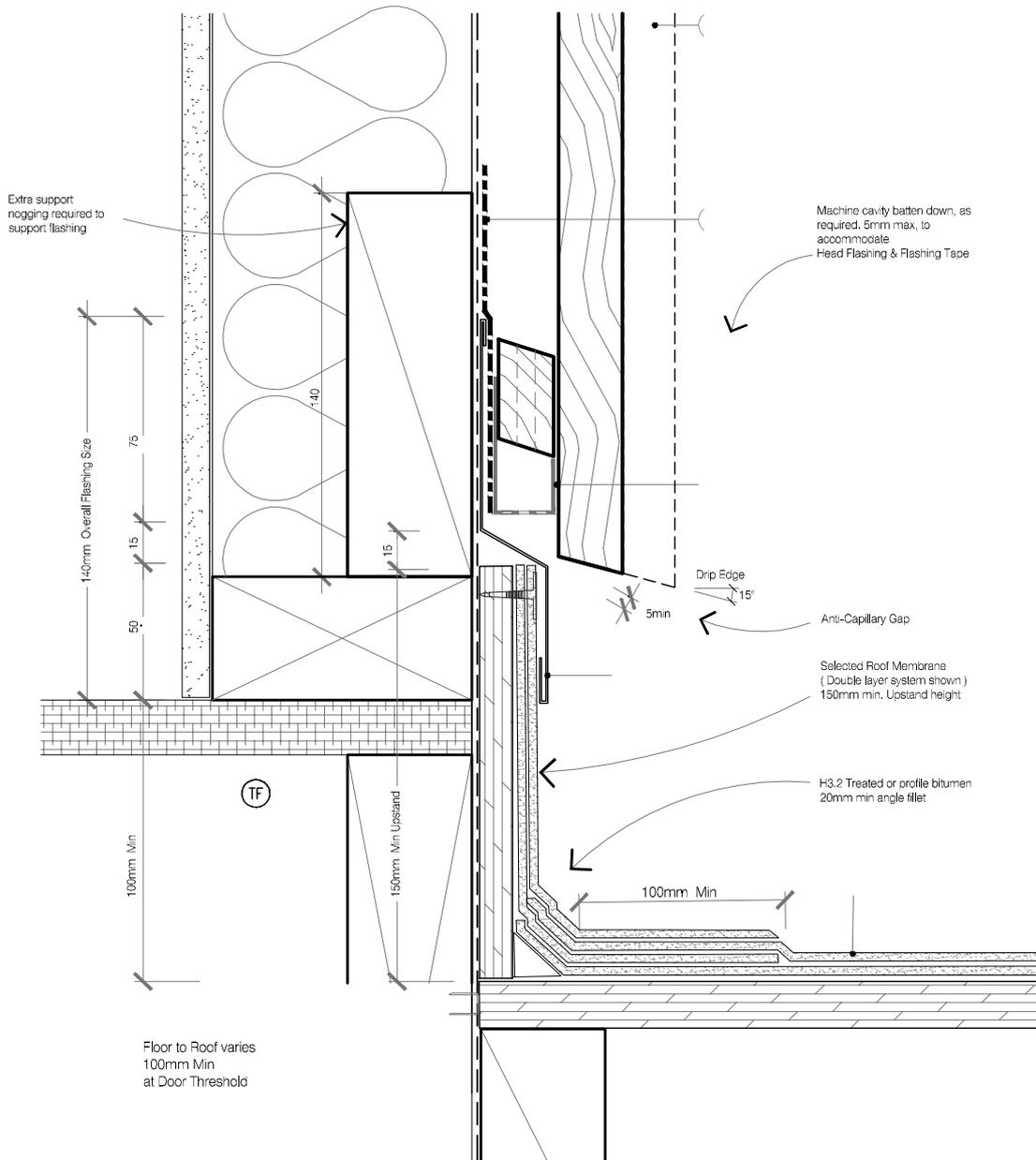
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| <p>(AF) APRON FLASHING: Materials as per E2/AS1 4.0, Coating to match roofing material or refer E2/AS1 Table 21. Flashing Cover 130mm min. (L, M & H \geq 10°) All others 200mm Refer Table 7 E2/AS1</p> <p>(BW) BUILDING WRAP: Flexible Wall Underlay, As per NZBC E2/AS1 - Table 23, In extra high wind zones, Rigid Underlay required (9.1.7.2 E2/AS1)</p> <p>(CB2) CAVITY BATTEN, VERTICAL: 20mm x 45mm H3.2. To form a 20mm cavity.</p> <p>(CB3) CAVITY BATTEN, VERTICAL - STRUCTURAL : 45mm x 45mm SPP Radiata Pine, H3.2
45mm x 70mm SPP Radiata Pine, H3.2
To form a 45mm cavity</p> | <p>(CC) CAVITY CLOSURE: Cavity closure strip, positioned to give a 15mm Min drip edge to cladding</p> <p>(IL) INTERNAL LINING: Selected Internal Lining</p> <p>(IN) INSULATION: Selected Insulation</p> <p>(HS) HEAD SOFFIT SCRIBER: Southern Pine H3.2, Horizontal batten. Fix with 75 x 3.15mm 316 S.S nail in 2.5mm predrilled hole. (Spaced off cladding with 5m EPDM washer to provide ventilation. Recommended moisture control, but it is not required by E2/AS1</p> <p>(MR) METAL ROOFING : Selected Metal Roofing</p> | <p>(SL) SOFFIT LINING: Selected Soffit Lining</p> <p>(TF) TIMBER FRAME: H1.2 min treated timber framing</p> <p>(TP) TIMBER PACKER: Cant Strip, H3.2 Treated at 300crs to allow ventilation over the top of the wall.</p> <p>(RU) ROOFING UNDERLAY: Selected Roofing Underlay As Per AS/AZS4200 with Mesh or Self Supported</p> <p>(VB) VERTICAL BOARD: Southern Pine H3.2 Vertical Weatherboard. Profile to NZS 3617</p> <p>(VBA) VERTICAL BATTEN: Southern Pine H3.2 cover batten to vertical boards. Profile to NZS 3617</p> |
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| <p>(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 $\geq 10^\circ$) All others 200mm Refer Table 7 E2/AS1</p> <p>(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)</p> <p>(CB2) CAVITY BATTEN, VERTICAL: 20mm x 45mm H3.2. To form a 20mm cavity.</p> <p>(CB3) CAVITY BATTEN, VERTICAL - STRUCTURAL : 45mm x 45mm SPP Radiata Pine, H3.2
45mm x 70mm SPP Radiata Pine, H3.2
To form a 45mm cavity</p> | <p>(CC) CAVITY CLOSURE: Cavity closure strip, positioned to give a 15mm Min drip edge to cladding</p> <p>(IL) INTERNAL LINING: Selected Internal Lining</p> <p>(IN) INSULATION: Selected Insulation</p> <p>(HS) HEAD SOFFIT SCRIBER: Southern Pine H3.2, Horizontal batten. Fix with 75 x 3.15mm 316 S.S nail in 2.5mm predrilled hole. (Spaced off cladding with 5m EPDM washer to provide ventilation. Recommended moisture control, but it is not required by E2/AS1</p> <p>(MR) METAL ROOFING : Selected Metal Roofing</p> | <p>(SL) SOFFIT LINING: Selected Soffit Lining</p> <p>(TF) TIMBER FRAME: H1.2 min treated timber framing</p> <p>(TP) TIMBER PACKER: Cant Strip, H3.2 Treated at 300crrs to allow ventilation over the top of the wall.</p> <p>(RU) ROOFING UNDERLAY: Selected Roofing Underlay As Per AS/AZS4200 with Mesh or Self Supported</p> <p>(VB) VERTICAL BOARD: Southern Pine H3.2 Vertical Weatherboard. Profile to NZS 3617</p> <p>(VBA) VERTICAL BATTEN: Southern Pine H3.2 cover batten to vertical boards. Profile to NZS 3617</p> |
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LEGEND:



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



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



CAVITY BATTEN, VERTICAL: 20mm x 45mm H3.2. To form a 20mm cavity.



CAVITY BATTEN, VERTICAL - STRUCTURAL: 45mm x 45mm SPP Radiata Pine, H3.2 45mm x 70mm SPP Radiata Pine, H3.2 To form a 45mm cavity



FLASHING TAPE: As per E2/AS1 4.3.11



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



INTERNAL LINING: Selected Internal Lining



INSULATION: Selected Insulation



ROOF FLASHING: Materials as per E2/AS1 4.3



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



PLYWOOD BACKING: 17mm CCA treated H3.2 grade plywood substrate



CAP FLASHING: Continuous parapet flashing. Materials as per E2/AS1 4.3 + Figure 9 & Table 7



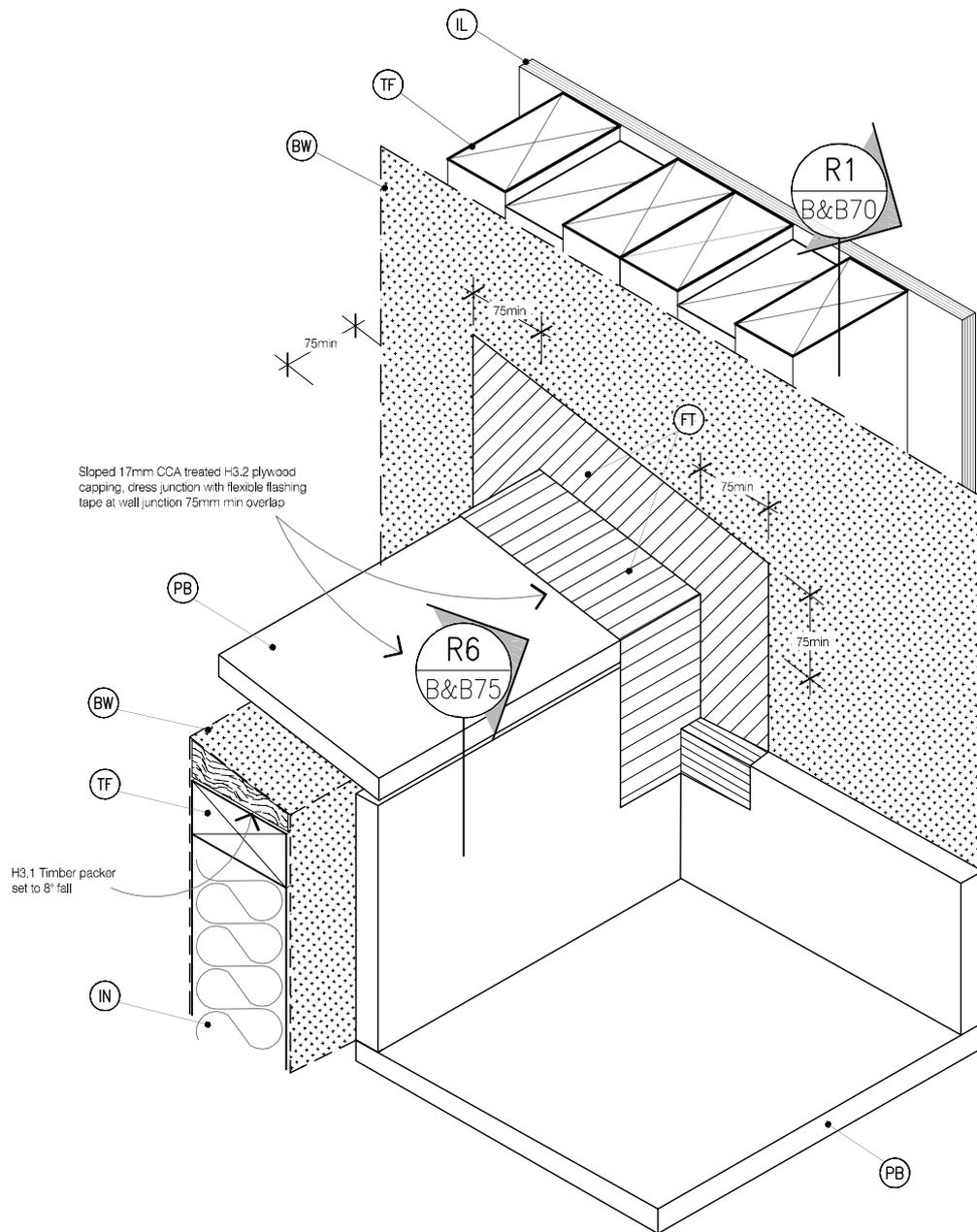
TIMBER FRAME: H1.2 min treated timber framing



VERTICAL BOARD: Southern Pine H3.2 Vertical Weatherboard, Profile to NZS 3617



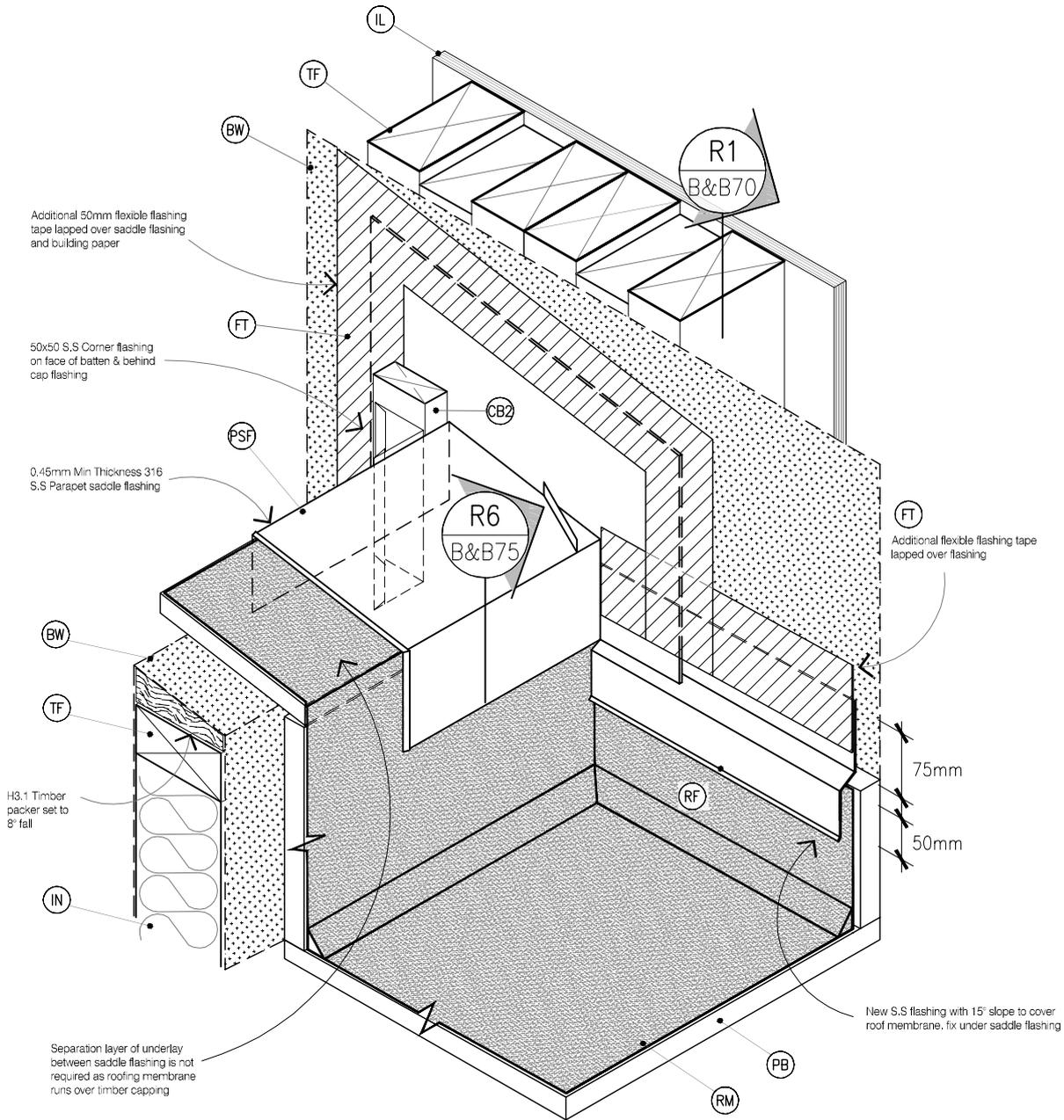
VERTICAL BATTEN: Southern Pine H3.2 cover batten to vertical boards. Profile to NZS 3617



STAGE ONE

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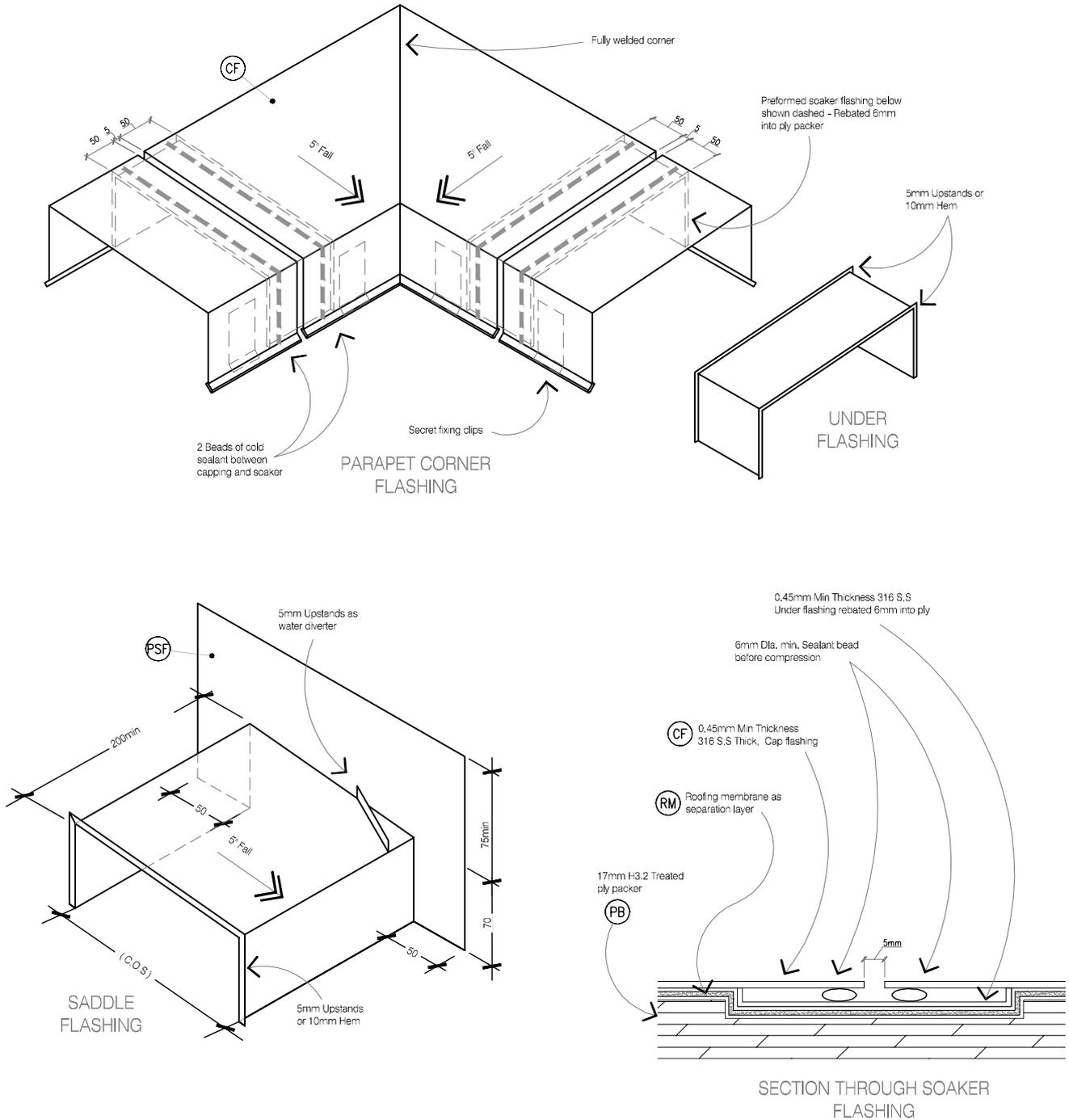
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| <p>(PSF) PARAPET SADDLE FLASHING: Materials as per E2/AS1 4.0, refer E2/AS1 Figure 11 & 12. Typically 0.45mm Min 316 Stainless Steel. Refer Table 20 & Table 21 for Comparability of Materials in Contact</p> <p>(BW) BUILDING WRAP: Flexible Wall Underlay, As per NZBC E2/AS1 - Table 23, In extra high wind zones, Ridgid Underlay required (9.1.7.2 E2/AS1)</p> <p>(CB2) CAVITY BATTEN, VERTICAL: 20mm x 45mm H3.2. To form a 20mm cavity.</p> <p>(CB3) CAVITY BATTEN, VERTICAL - STRUCTURAL: 45mm x 45mm SPP Radiata Pine, H3.2 45mm x 70mm SPP Radiata Pine, H3.2 To form a 45mm cavity</p> | <p>(FT) FLASHING TAPE: As per E2/AS1 4.3.11</p> <p>(CC) CAVITY CLOSURE: Cavity closure strip, positioned to give a 15mm Min drip edge to cladding</p> <p>(IL) INTERNAL LINING: Selected Internal Lining</p> <p>(IN) INSULATION: Selected Insulation</p> <p>(RF) ROOF FLASHING: Materials as per E2/AS1 4.3</p> <p>(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</p> | <p>(PB) PLYWOOD BACKING: 17mm CCA treated H3.2 grade plywood substrate</p> <p>(CF) CAP FLASHING: Continuous parapet flashing. Materials as per E2/AS1 4.3 + Figure 9 & Table 7</p> <p>(TF) TIMBER FRAME: H1.2 min treated timber framing</p> <p>(VB) VERTICAL BOARD: Southern Pine H3.2 Vertical Weatherboard. Profile to NZS 3617</p> <p>(VBA) VERTICAL BATTEN: Southern Pine H3.2 cover batten to vertical boards. Profile to NZS 3617</p> |
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STAGE TWO

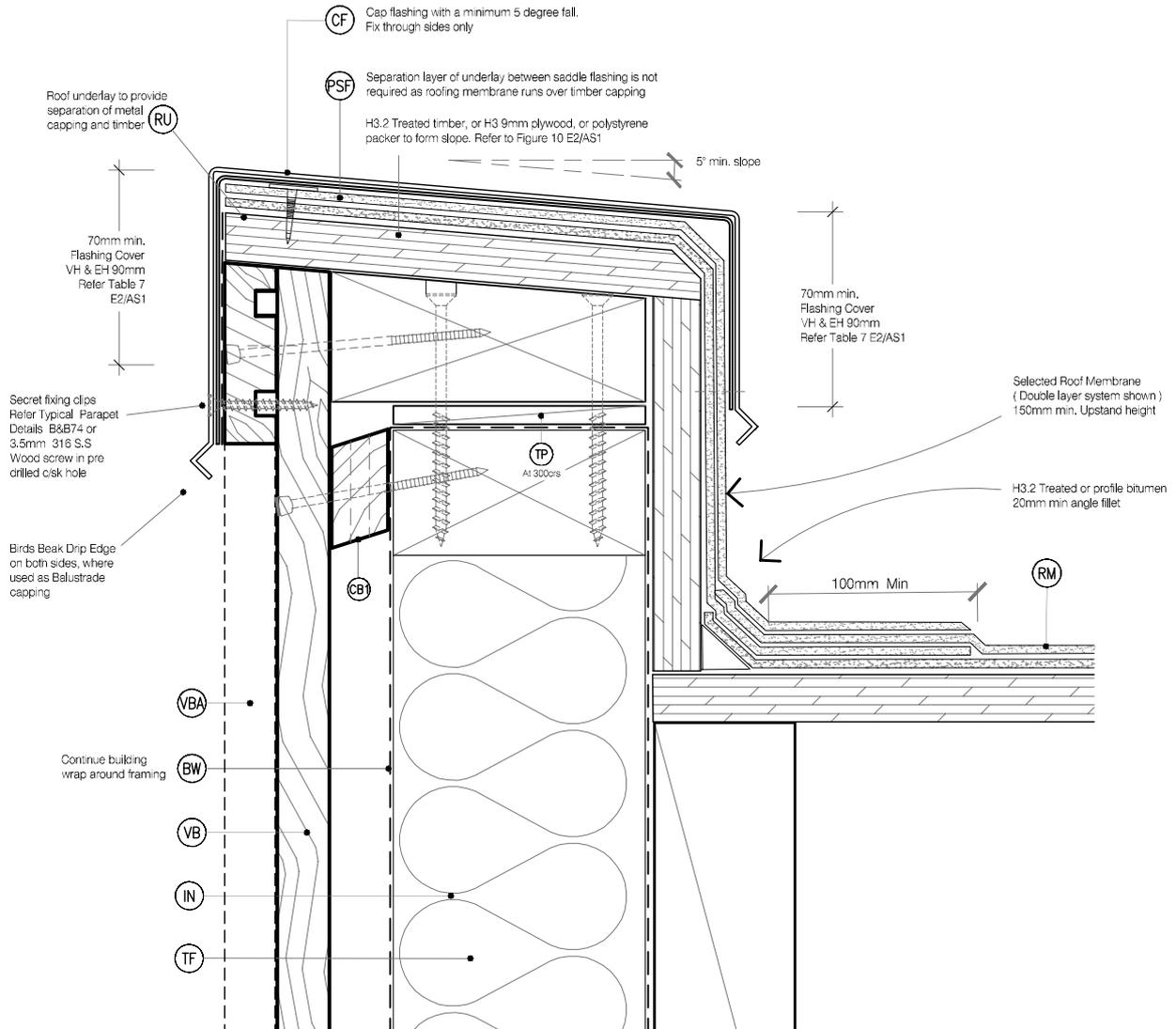
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| <p>(PSF) PARAPET SADDLE FLASHING: Materials as per E2/AS1 4.0, refer E2/AS1 Figure 11 & 12. Typically 0.45mm Min 316 Stainless Steel. Refer Table 20 & Table 21 for Comparability of Materials in Contact</p> <p>(BW) BUILDING WRAP: Flexible Wall Underlay, As per NZBC E2/AS1 - Table 23. In extra high wind zones, Rigid Underlay required (9.1.7.2 E2/AS1)</p> <p>(CB2) CAVITY BATTEN, VERTICAL: 20mm x 45mm H3.2. To form a 20mm cavity.</p> <p>(CB3) CAVITY BATTEN, VERTICAL - STRUCTURAL: 45mm x 45mm SPP Radiata Pine, H3.2
45mm x 70mm SPP Radiata Pine, H3.2
To form a 45mm cavity SPP MANAHAU Board & Batten on H3.2 grade plywood substrate</p> | <p>(FT) FLASHING TAPE: As per E2/AS1 4.3.11</p> <p>(CC) CAVITY CLOSURE: Cavity closure strip, positioned to give a 15mm Min drip edge to cladding</p> <p>(IL) INTERNAL LINING: Selected Internal Lining</p> <p>(IN) INSULATION: Selected Insulation</p> <p>(RF) ROOF FLASHING: Materials as per E2/AS1 4.3</p> <p>(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</p> | <p>(PB) PLYWOOD BACKING: 17mm CCA treated H3.2 grade plywood substrate</p> <p>(CF) CAP FLASHING: Continuous parapet flashing. Materials as per E2/AS1 4.3 + Figure 9 & Table 7</p> <p>(TF) TIMBER FRAME: H1.2 min treated timber framing</p> <p>(VB) VERTICAL BOARD: Southern Pine H3.2 Vertical Weatherboard. Profile to NZS 3617</p> <p>(VBA) VERTICAL BATTEN: Southern Pine H3.2 cover batten to vertical boards. Profile to NZS 3617</p> |
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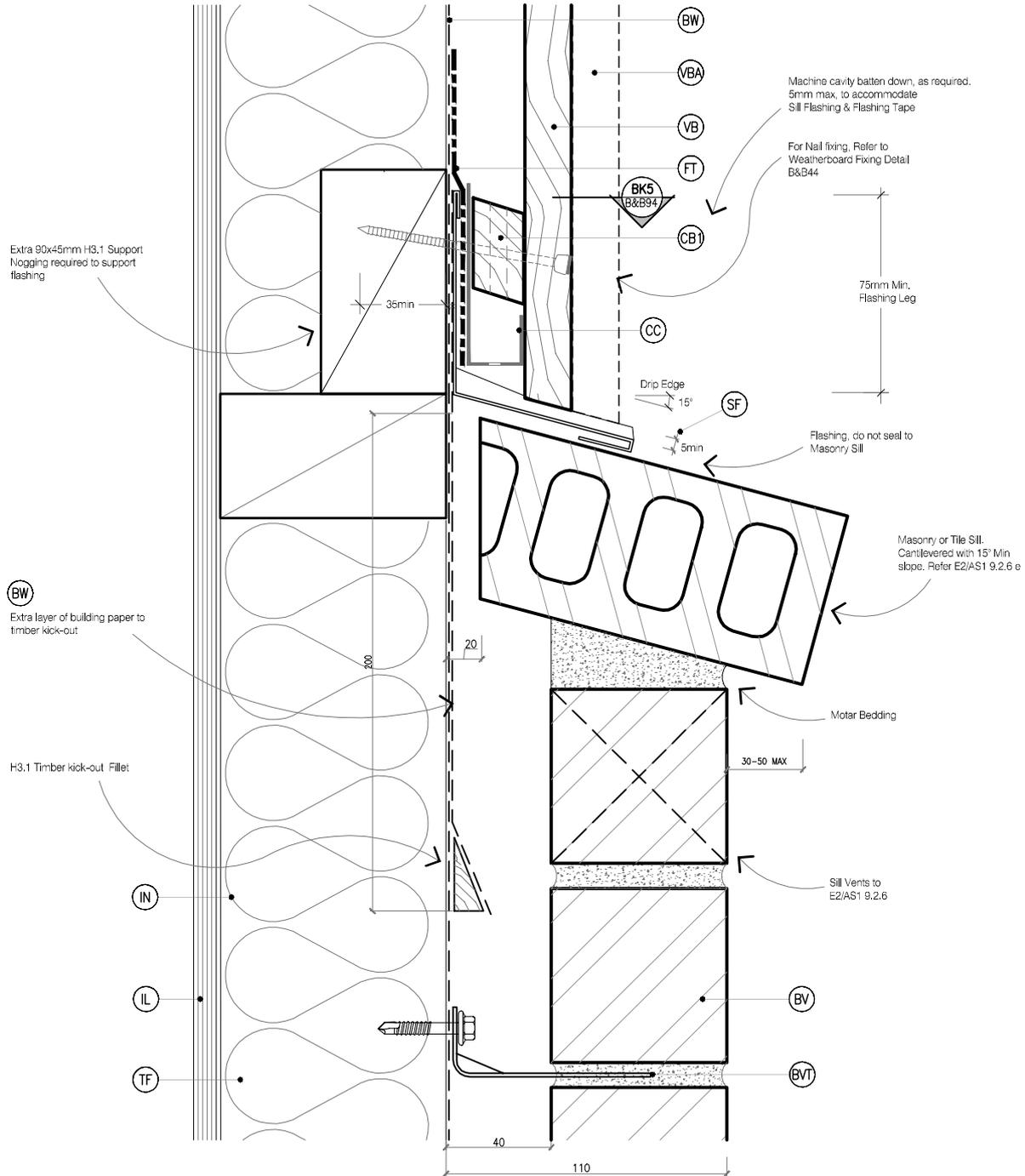
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| <ul style="list-style-type: none"> (PSF) PARAPET SADDLE FLASHING: Materials as per E2/AS1 4.0, refer E2/AS1 Figure 11 & 12. Typically 0.45mm Min 316 Stainless Steel. Refer Table 20 & Table 21 for Comparability of Materials in Contact (BW) BUILDING WRAP: Flexible Wall Underlay, As per NZBC E2/AS1 - Table 23, In extra high wind zones, Rigid Underlay required (9.1.7.2 E2/AS1) (CB2) CAVITY BATTEN, VERTICAL: 20mm x 45mm H3.2. To form a 20mm cavity. (CB3) CAVITY BATTEN, VERTICAL - STRUCTURAL : 45mm x 45mm SPP Radiata Pine, H3.2 45mm x 70mm SPP Radiata Pine, H3.2 To form a 45mm cavity | <ul style="list-style-type: none"> (FT) FLASHING TAPE: As per E2/AS1 4.3.11 (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 (RF) ROOF FLASHING: Materials as per E2/AS1 4.3 (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 | <ul style="list-style-type: none"> (PB) PLYWOOD BACKING: 17mm CCA treated H3.2 grade plywood substrate (CF) CAP FLASHING: Continuous parapet flashing. Materials as per E2/AS1 4.3 + Figure 9 & Table 7 (TF) TIMBER FRAME: H1.2 min treated timber framing (VB) VERTICAL BOARD: Southern Pine H3.2 Vertical Weatherboard. Profile to NZS 3617 (VBA) VERTICAL BATTEN: Southern Pine H3.2 cover batten to vertical boards. Profile to NZS 3617 |
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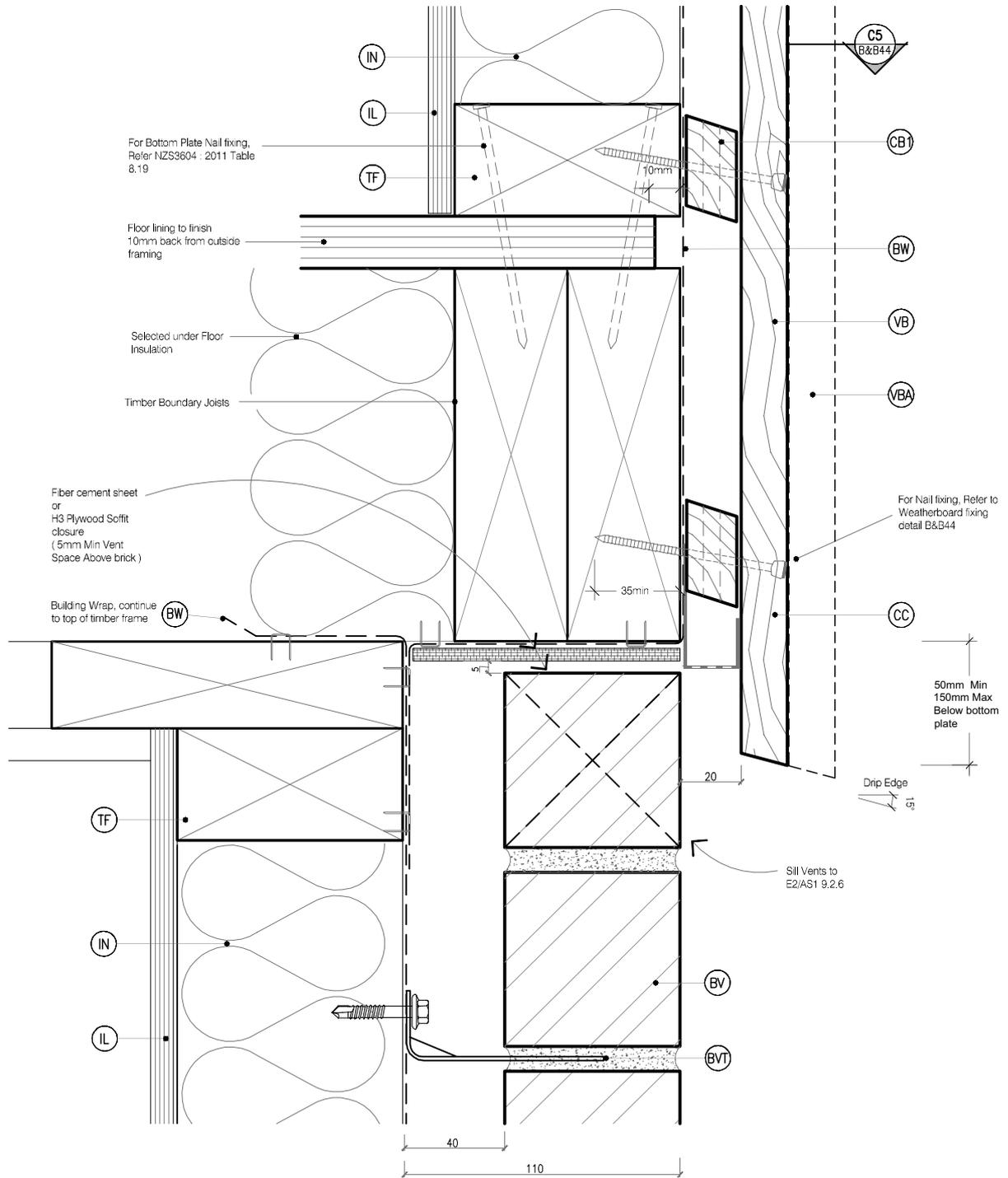
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| <p>(PSF) PARAPET SADDLE FLASHING: Materials as per E2/AS1 4.0, refer E2/AS1 Figure 11 & 12. Typically 0.45mm Min 316 Stainless Steel. Refer Table 20 & Table 21 for Comparability of Materials in Contact</p> <p>(BW) BUILDING WRAP: Flexible Wall Underlay, As per NZBC E2/AS1 - Table 23, In extra high wind zones, Rigid Underlay required (9.1.7.2 E2/AS1)</p> <p>(CB2) CAVITY BATTEN, VERTICAL: 20mm x 45mm H3.2. To form a 20mm cavity.</p> <p>(CB3) CAVITY BATTEN, VERTICAL - STRUCTURAL : 45mm x 45mm SPP Radiata Pine, H3.2 45mm x 70mm SPP Radiata Pine, H3.2 To form a 45mm cavity</p> | <p>(FT) FLASHING TAPE: As per E2/AS1 4.3.11</p> <p>(CC) CAVITY CLOSURE: Cavity closure strip, positioned to give a 15mm Min drip edge to cladding</p> <p>(IL) INTERNAL LINING: Selected Internal Lining</p> <p>(IN) INSULATION: Selected Insulation</p> <p>(RF) ROOF FLASHING: Materials as per E2/AS1 4.3</p> <p>(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</p> | <p>(PB) PLYWOOD BACKING: 17mm CCA treated H3.2 grade plywood substrate</p> <p>(CF) CAP FLASHING: Continuous parapet flashing. Materials as per E2/AS1 4.3 + Figure 9 & Table 7</p> <p>(TF) TIMBER FRAME: H1.2 min treated timber framing</p> <p>(VB) VERTICAL BOARD: Southern Pine H3.2 Vertical Weatherboard. Profile to NZS 3617</p> <p>(VBA) VERTICAL BATTEN: Southern Pine H3.2 cover batten to vertical boards. Profile to NZS 3617</p> |
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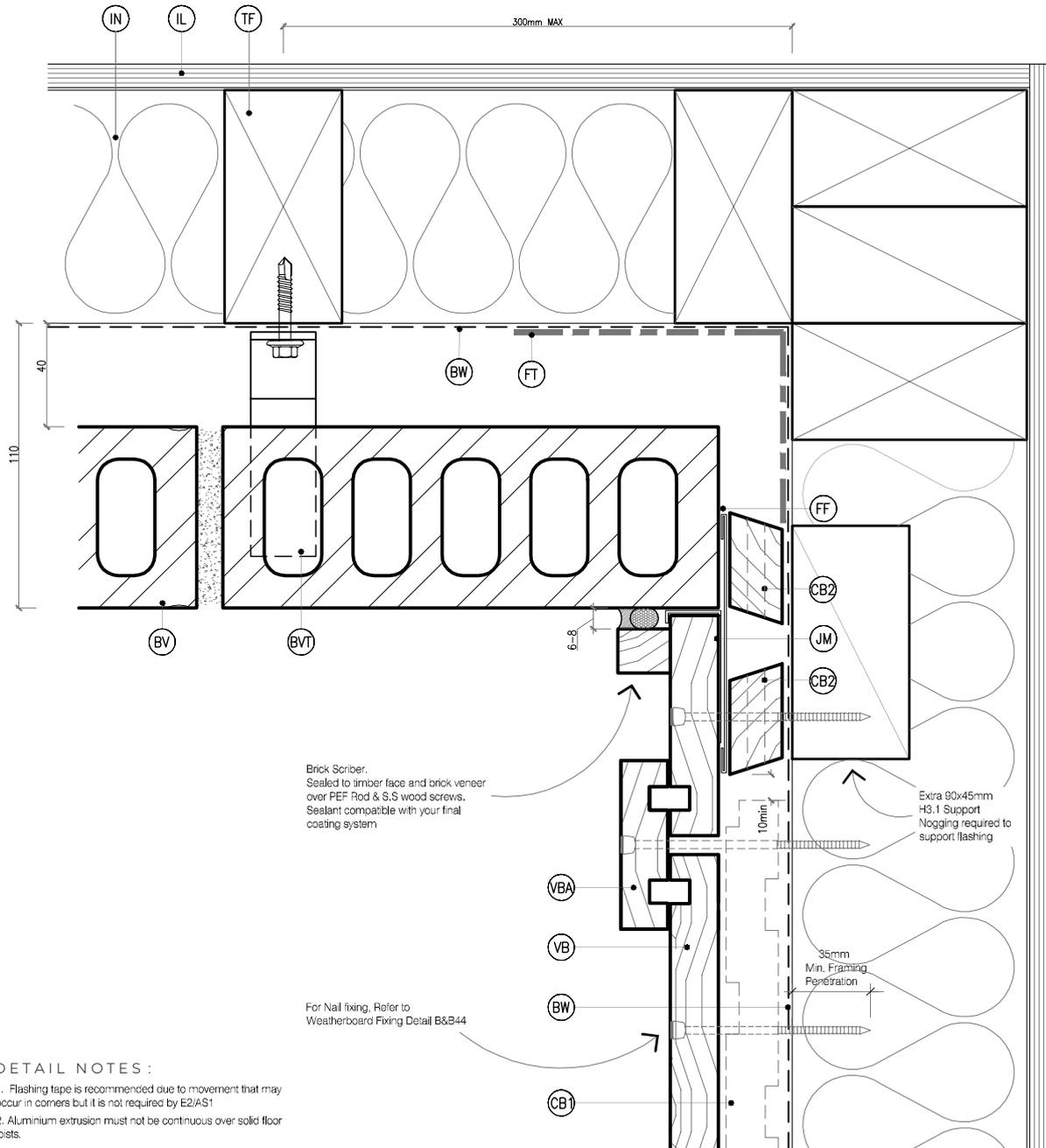
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| <p>(SF) SILL FLASHING: Continuous flashing on 15° min slope with turn back ends at end of walls. Materials as per E2/AS1 4.0 Typically 0.45mm Min 316 Stainless Steel.</p> <p>(BW) BUILDING WRAP: Flexible Wall Underlay, As per NZBC E2/AS1 - Table 23, In extra high wind zones, Rigid Underlay required (9.1.7.2 E2/AS1)</p> <p>(BV) BRICK VENEER: Selected brick veneer. Typically 70 series clay brick veneer on 40mm cavity</p> <p>(FT) FLASHING TAPE: As per E2/AS1 4.3.11</p> <p>(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</p> | <p>(CB2) CAVITY BATTEN, VERTICAL: 20mm x 45mm H3.2. To form a 20mm cavity.</p> <p>(CB3) CAVITY BATTEN, VERTICAL - STRUCTURAL : 45mm x 45mm SPP Radiata Pine, H3.2 45mm x 70mm SPP Radiata Pine, H3.2 To form a 45mm cavity</p> <p>(IL) INTERNAL LINING: Selected Internal Lining</p> <p>(CC) CAVITY CLOSURE: Cavity closure strip, positioned to give a 15mm Min drip edge to cladding</p> <p>(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</p> | <p>(FF) FLAT FLASHING: 316 Stainless Steel 100mm Hem or Hook to Flashing Edges. EXTRA HIGH WIND ZONE 150mm Hem or Hook to Flashing Edges</p> <p>(IN) INSULATION: Selected Insulation</p> <p>(JM) J MOULD: OPTIONAL - Aluminium or PVC End cap</p> <p>(TF) TIMBER FRAME: H1.2 min treated timber framing</p> <p>(VB) VERTICAL BOARD: Southern Pine H3.2 Vertical Weatherboard. Profile to NZS 3617</p> <p>(VBA) VERTICAL BATTEN: Southern Pine H3.2 cover batten to vertical boards. Profile to NZS 3617</p> |
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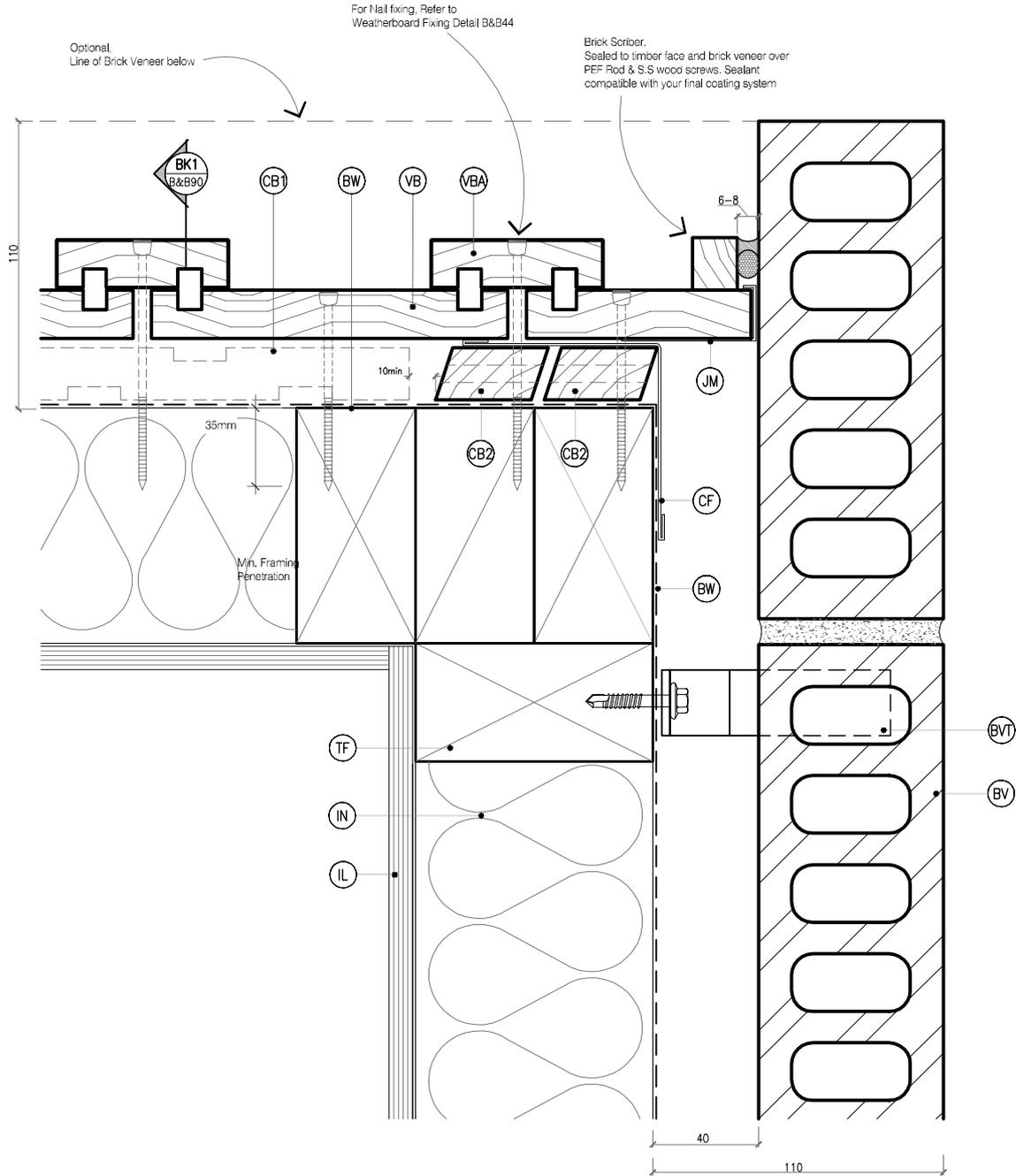


DETAIL NOTES :

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.

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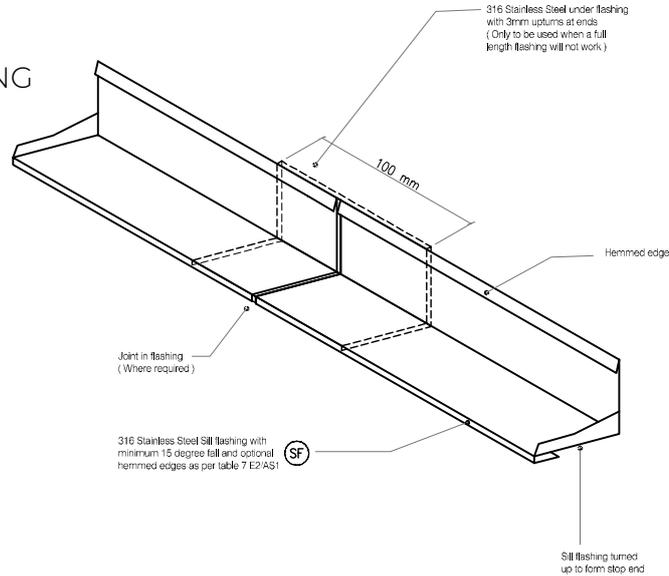
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| (SF) | SILL FLASHING: Continuous flashing on 15° min slope with turn back ends at end of walls. Materials as per E2/AS1 4.0 Typically 0.45mm Min 316 Stainless Steel. | (CB2) | CAVITY BATTEN, VERTICAL: 20mm x 45mm H3.2. To form a 20mm cavity. | (FF) | FLAT FLASHING: 316 Stainless Steel 100mm Hem or Hook to Flashing Edges. EXTRA HIGH WIND ZONE 150mm Hem or Hook to Flashing Edges |
| (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) | (CB3) | CAVITY BATTEN, VERTICAL - STRUCTURAL : 45mm x 45mm SPP Radiata Pine, H3.2 45mm x 70mm SPP Radiata Pine, H3.2 To form a 45mm cavity | (IN) | INSULATION: Selected Insulation |
| (BV) | BRICK VENEER: Selected brick veneer. Typically 70 series clay brick veneer on 40mm cavity | (IL) | INTERNAL LINING: Selected Internal Lining | (JM) | J MOULD: OPTIONAL - Aluminium or PVC End cap |
| (FT) | FLASHING TAPE: As per E2/AS1 4.3.11 | (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 |
| (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 | (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 | (VB) | VERTICAL BOARD: Southern Pine H3.2 Vertical Weatherboard. Profile to NZS 3617 |
| | | | | (VBA) | VERTICAL BATTEN: Southern Pine H3.2 cover batten to vertical boards. Profile to NZS 3617 |



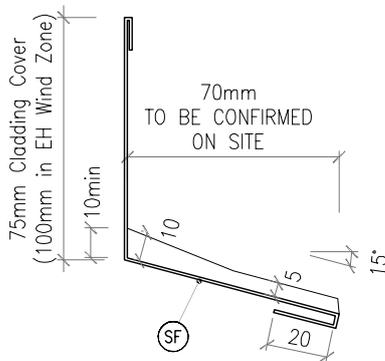
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SF	SILL FLASHING: Continuous flashing on 15° min slope with turn back ends at end of walls. Materials as per E2/AS1 4.0 Typically 0.45mm Min 316 Stainless Steel.	CB2	CAVITY BATTEN, VERTICAL: 20mm x 45mm H3.2. To form a 20mm cavity.	FF	FLAT FLASHING: 316 Stainless Steel 100mm Hem or Hook to Flashing Edges. EXTRA HIGH WIND ZONE 150mm Hem or Hook to Flashing Edges
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)	CB3	CAVITY BATTEN, VERTICAL - STRUCTURAL : 45mm x 45mm SPP Radiata Pine, H3.2 To form a 45mm cavity	IN	INSULATION: Selected Insulation
BV	BRICK VENEER: Selected brick veneer. Typically 70 series clay brick veneer on 40mm cavity	IL	INTERNAL LINING: Selected Internal Lining	JM	J MOULD: OPTIONAL - Aluminium or PVC End cap
FT	FLASHING TAPE: As per E2/AS1 4.3.11	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
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	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	VB	VERTICAL BOARD: Southern Pine H3.2 Vertical Weatherboard. Profile to NZS 3617
				VBA	VERTICAL BATTEN: Southern Pine H3.2 cover batten to vertical boards. Profile to NZS 3617

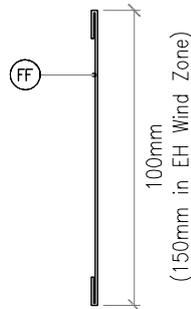
3D SILL FLASHING



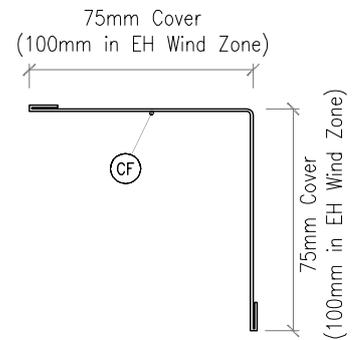
SILL FLASHING DIMENSIONS



INLINE & INTERNAL FLASHING DIMENSIONS



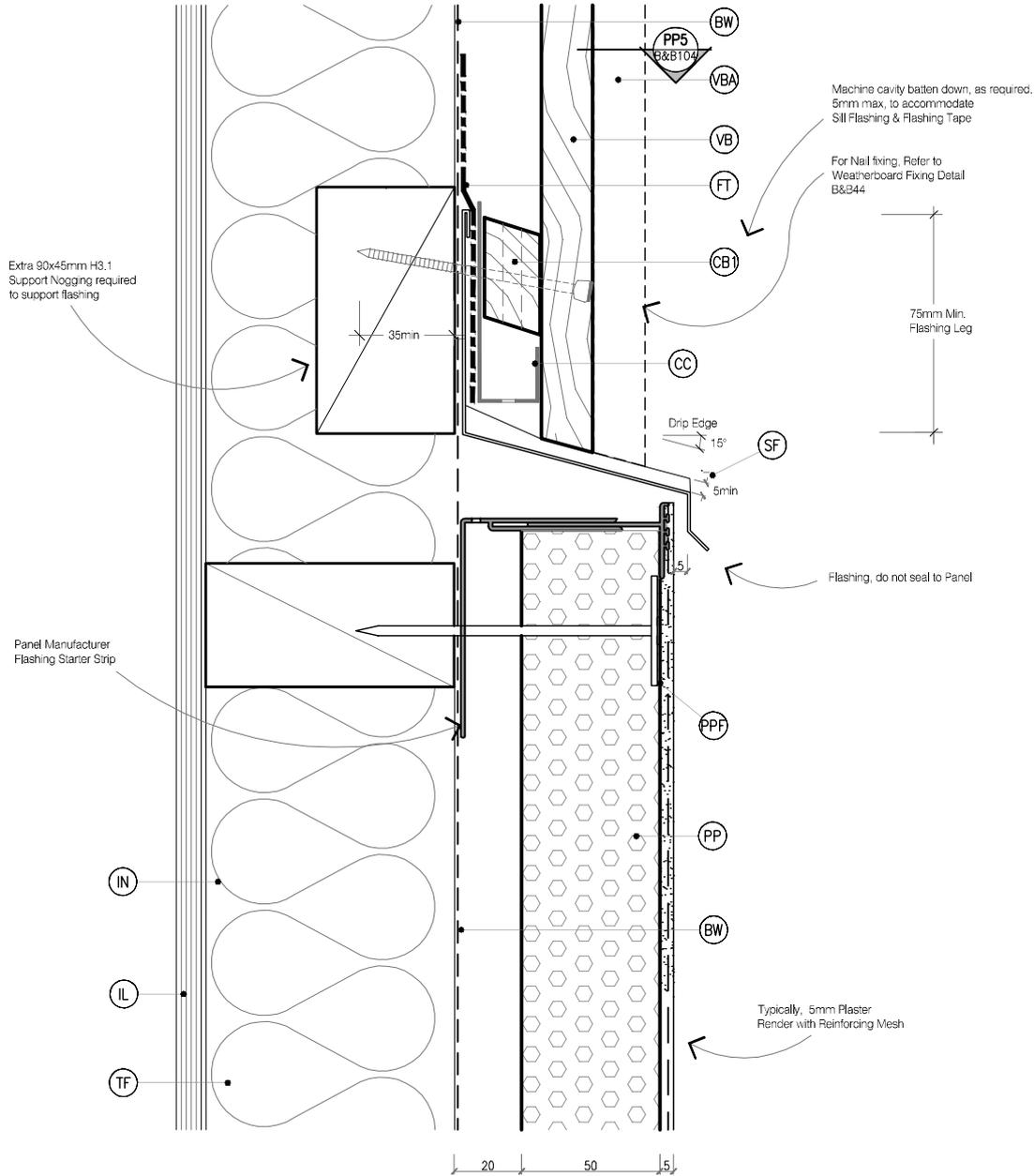
EXTERNAL FLASHING DIMENSIONS



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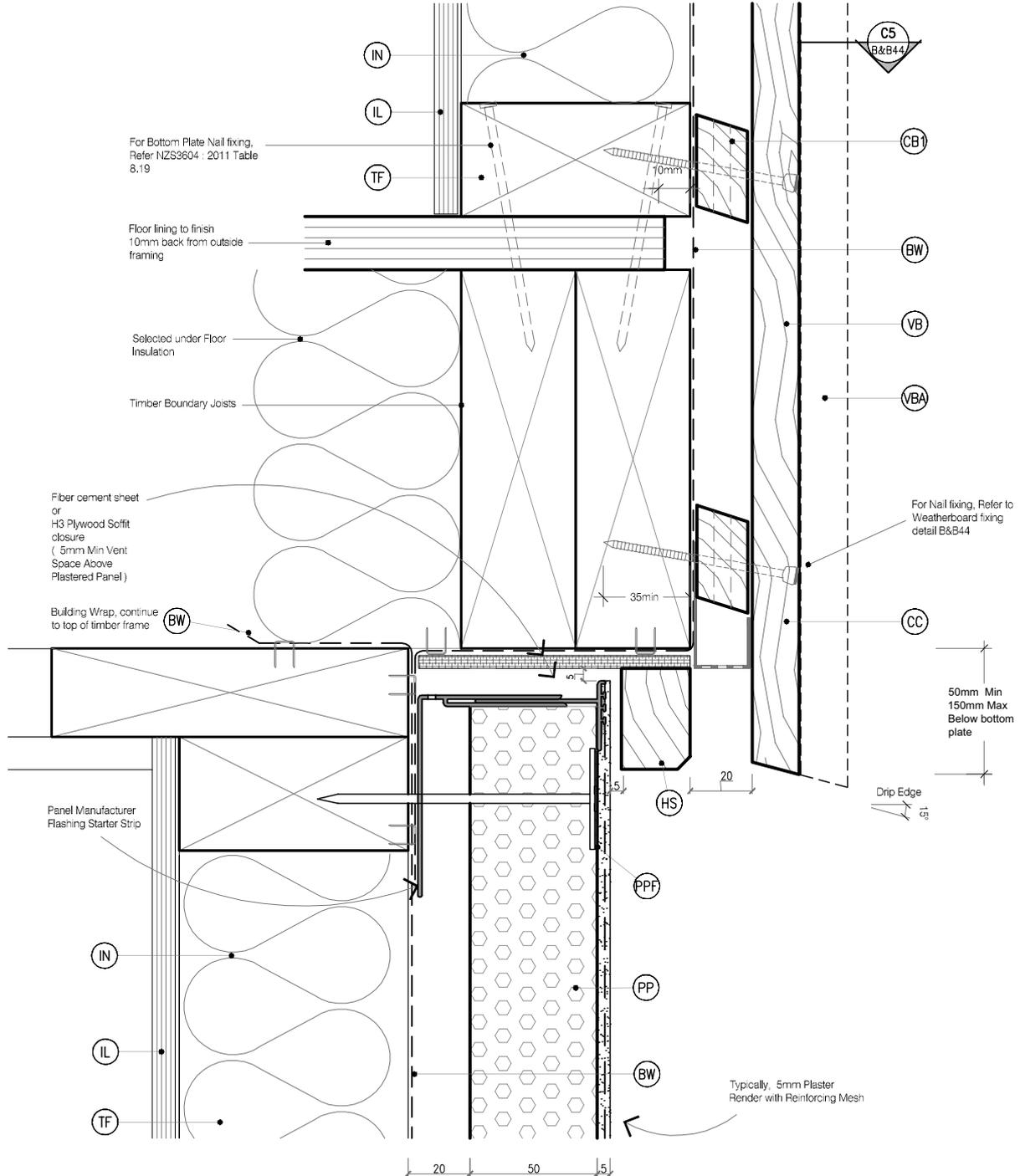
- (SF)** SILL FLASHING: Continuous flashing on 15° min slope with turn back ends at end of walls. Materials as per E2/AS1 4.0 Typically 0.45mm Min 316 Stainless Steel.
- (BW)** BUILDING WRAP: Flexible Wall Underlay, As per NZBC E2/AS1 - Table 23, In extra high wind zones, Ridgid Underlay required (9.1.7.2 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
- (CB2)** CAVITY BATTEN, VERTICAL: 20mm x 45mm H3.2. To form a 20mm cavity.
- (CB3)** CAVITY BATTEN, VERTICAL - STRUCTURAL : 45mm x 45mm SPP Radiata Pine, H3.2 45mm x 70mm SPP Radiata Pine, H3.2 To form a 45mm cavity
- (IL)** INTERNAL LINING: Selected Internal Lining
- (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

- (FF)** FLAT FLASHING: 316 Stainless Steel 100mm Hem or Hook to Flashing Edges. EXTRA HIGH WIND ZONE 150mm Hem or Hook to Flashing Edges
- (IN)** INSULATION: Selected Insulation
- (JM)** J MOULD: OPTIONAL - Aluminium or PVC End cap
- (TF)** TIMBER FRAME: H1.2 min treated timber framing
- (VB)** VERTICAL BOARD: Southern Pine H3.2 Vertical Weatherboard. Profile to NZS 3617
- (VBA)** VERTICAL BATTEN: Southern Pine H3.2 cover batten to vertical boards. Profile to NZS 3617



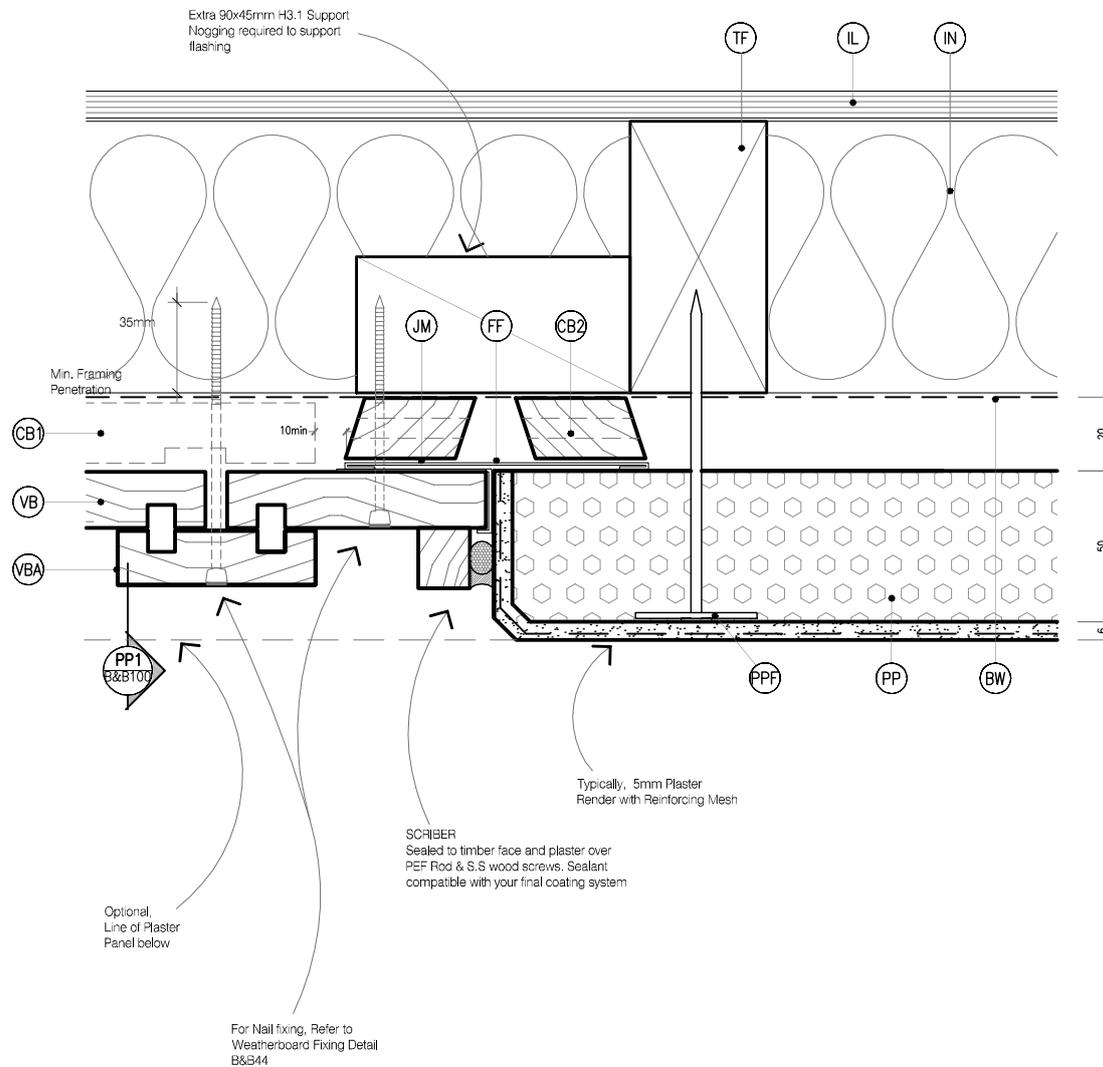
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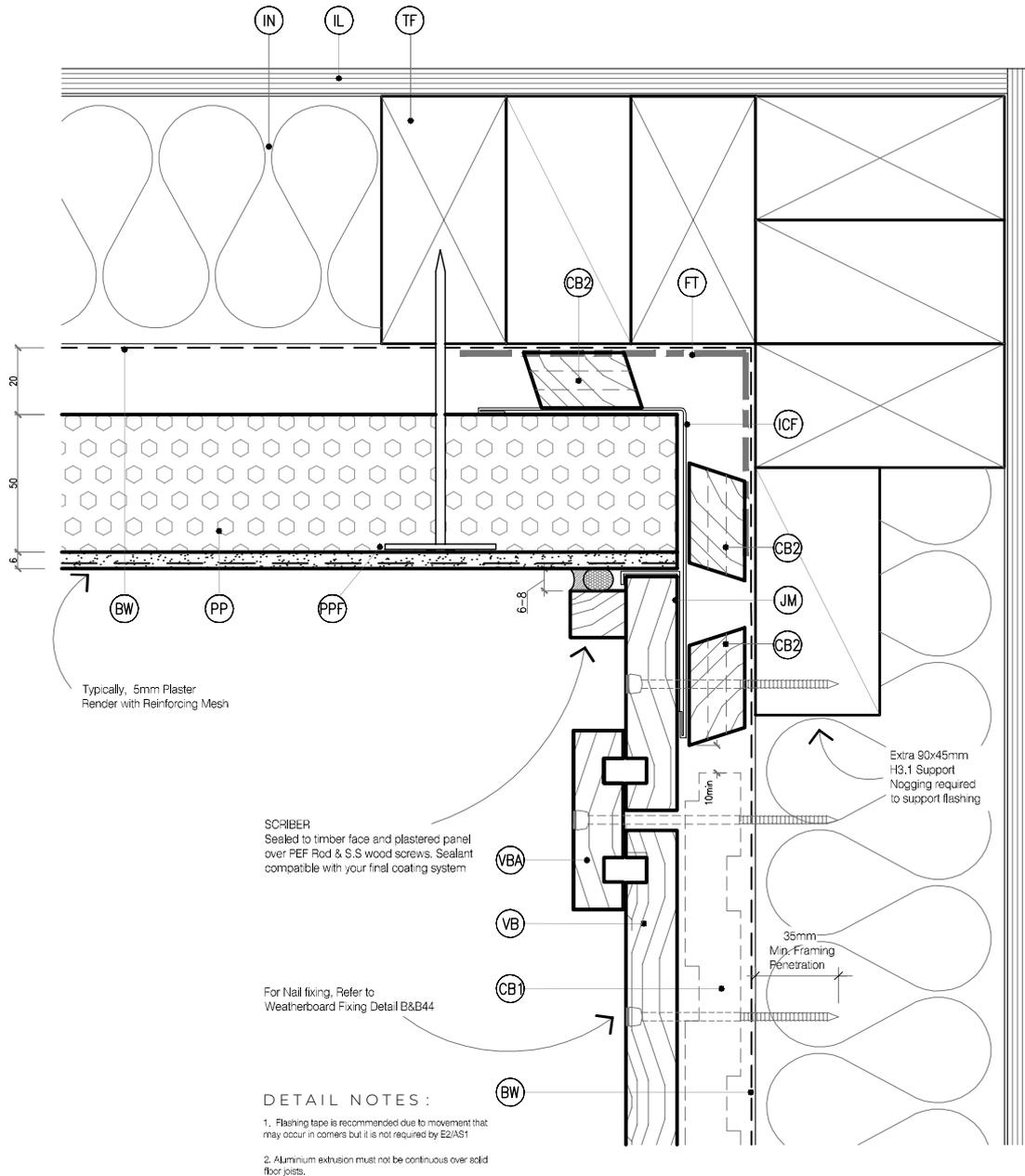
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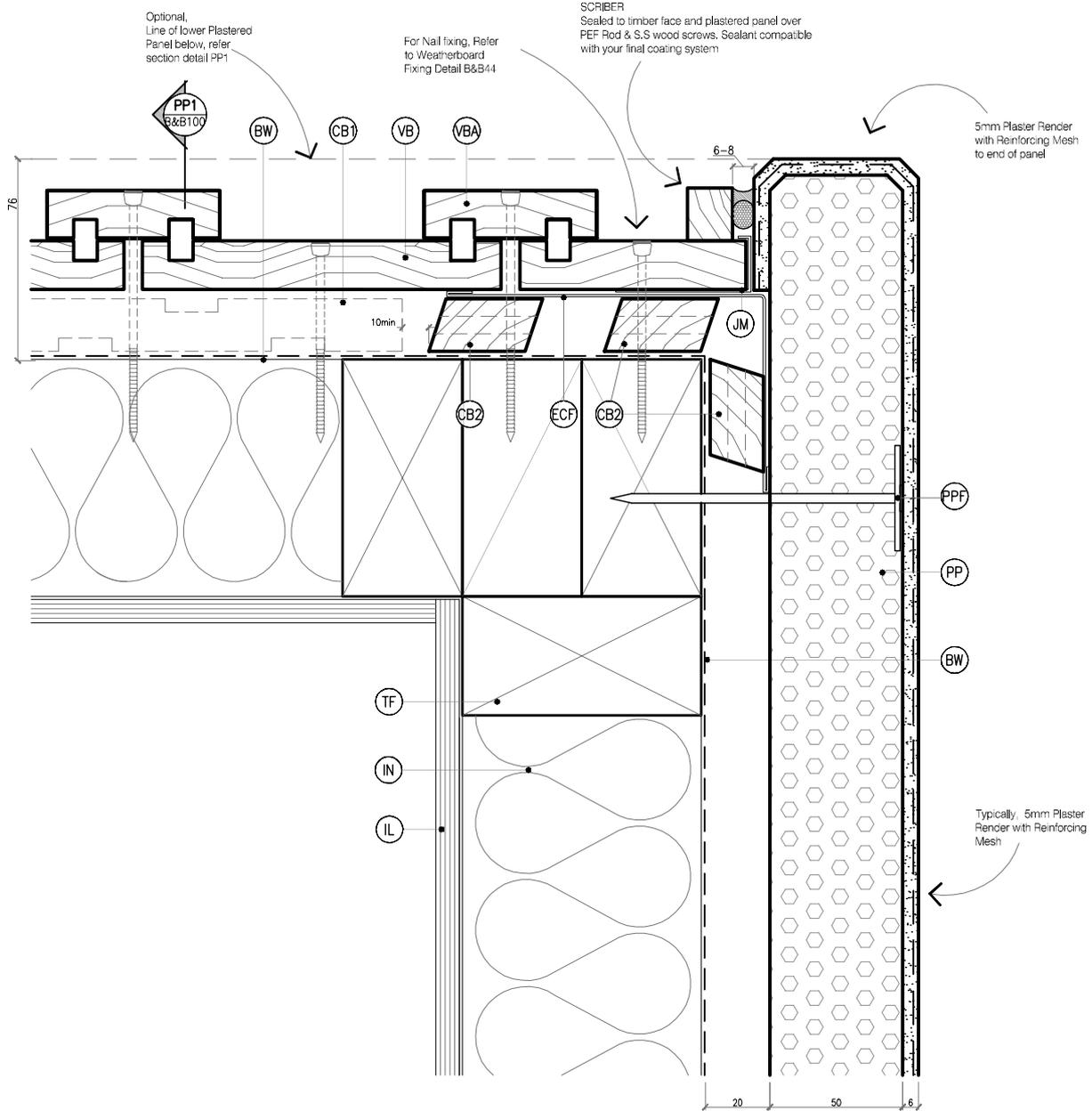
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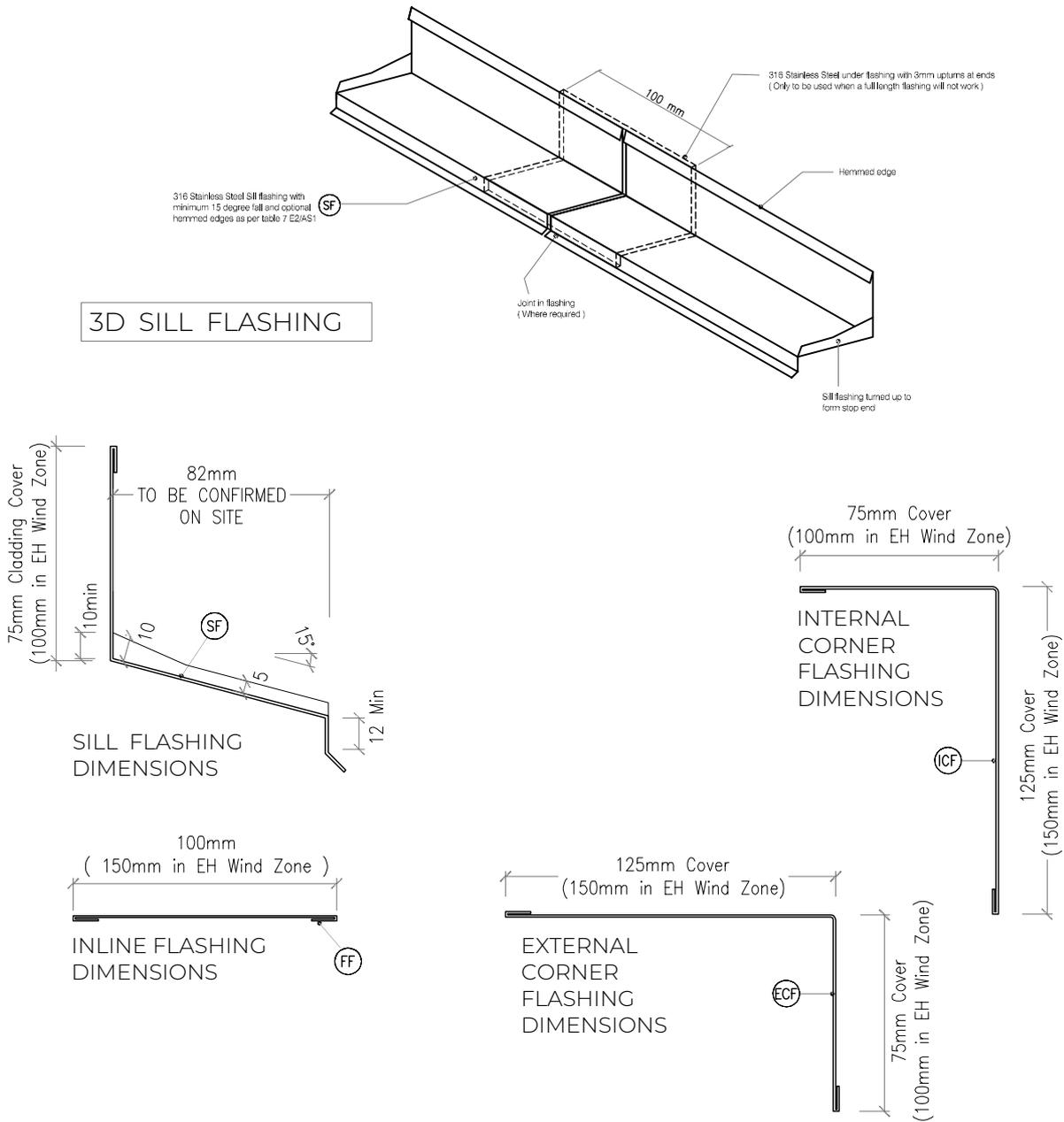
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| <p>(SF) SILL FLASHING: Continuous flashing on 15° min slope with turn back ends at end of walls. Materials as per E2/AS1 4.0 Typically 0.45mm Min 316 Stainless Steel.</p> <p>(BW) BUILDING WRAP: Flexible Wall Underlay, As per NZBC E2/AS1 - Table 23, In extra high wind zones, Rigid Underlay required (9.1.7.2 E2/AS1)</p> <p>(PP) PLASTER PANEL: Selected Insulated Facade Panel System. Typically 50mm Thick, fixed to 20mm vertical cavity batten</p> <p>(FT) FLASHING TAPE: As per E2/AS1 4.3.11</p> <p>(PPF) PLASTER PANEL FIXING: Specific designed panel fixing system. Install to manufactures instructions</p> | <p>(CB2) CAVITY BATTEN, VERTICAL: 20mm x 45mm H3.2. To form a 20mm cavity.</p> <p>(CB3) CAVITY BATTEN, VERTICAL - STRUCTURAL : 45mm x 45mm SPP Radiata Pine, H3.2 45mm x 70mm SPP Radiata Pine, H3.2 To form a 45mm cavity</p> <p>(IL) INTERNAL LINING: Selected Internal Lining</p> <p>(CC) CAVITY CLOSURE: Cavity closure strip, positioned to give a 15mm Min drip edge to cladding</p> <p>(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</p> | <p>(FF) FLAT FLASHING: 316 Stainless Steel 100mm Hem or Hook to Flashing Edges. EXTRA HIGH WIND ZONE 150mm Hem or Hook to Flashing Edges</p> <p>(IN) INSULATION: Selected Insulation</p> <p>(JM) J MOULD: OPTIONAL - Aluminium or PVC End cap</p> <p>(TF) TIMBER FRAME: H1.2 min treated timber framing</p> <p>(VB) VERTICAL BOARD: Southern Pine H3.2 Vertical Weatherboard. Profile to NZS 3617</p> <p>(VBA) VERTICAL BATTEN: Southern Pine H3.2 cover batten to vertical boards. Profile to NZS 3617</p> |
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