

# SITE DRAWINGS

JSC BEVELCLAD Bevel Back Weatherboards Flexible Underlay 20mm Cavity Fix

ISSUE : 24/02/2025 | VERSION : 2.5

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**JSC** PREMIUM ARCHITECTURAL  
& BUILDING SOLUTIONS

TYPE  
BEVEL BACK WB - 20MM CAVITY FIX

NAME  
COVER SHEET

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

**CodeMark**  
CMNZ0082

DRAWING SCALE  
1:2 @ A4

ISSUE DATE  
24/02/2025

DRAWING NUMBER  
JSC 20CF BC01

VERSION  
2.5

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# GENERAL NOTES

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## OVERVIEW :

JSC BevelClad is a cavity based external wall cladding system comprising of:

- timber weatherboards finished with high quality exterior grade coatings
- H3.2 treated timber castellated cavity battens
- fascia boards and moulding profiles

This documentation covers the fixing instructions for the installation of JSC Bevel Back weatherboards over JSC-U 20mm thick castellated cavity battens.

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

### 1. A3/A1 ARCHITECTURAL DRAWINGS:

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

### 2. A4 SITE DRAWINGS

Same information is made available on a A4 page at a larger scale for builders making it easier to read and distribute the drawings on site.

## SCOPE OF USE

- This document is for use exclusively within the scope of JSC BevelClad Bevel Back Weatherboard Cladding System technical documentation and Code Compliance CodeMark certificate CMNZ30082.
- Details are subject to change without notification and only the current version is compliant.
- Refer to [www.jsc.co.nz](http://www.jsc.co.nz) at the time of use for the current documentation.
- The designer/specifier must be satisfied that these details are applicable for their intended use.

## FIXING SPECIFICATION

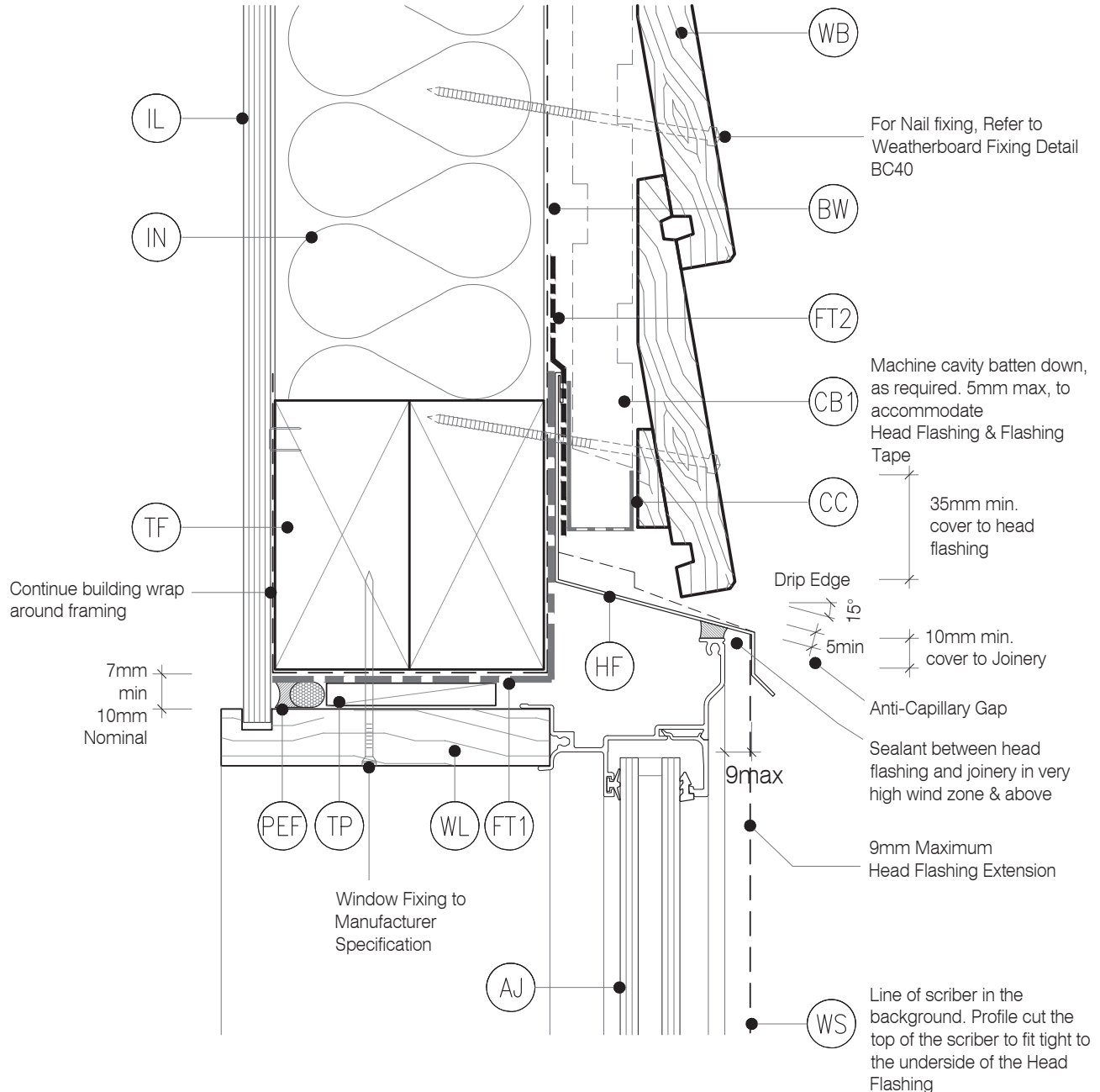
| SPECIES                                   | FIXINGS MATERIAL                                            |
|-------------------------------------------|-------------------------------------------------------------|
| Western Red Cedar                         | 316 Stainless Steel or Silicon Bronze annular grooved nails |
| Alaskan Yellow Cedar                      | 316 Stainless Steel or Silicon Bronze annular grooved nails |
| Radiata Pine / Nordic Pine                | 316 Stainless Steel or Silicon Bronze annular grooved nails |
| <b>JSC-TMT® Thermally Modified Timber</b> |                                                             |
| TMT TAIGA (RW/WW)                         | 316 Stainless Steel or Silicon Bronze annular grooved nails |
| TMT TAXON                                 | 316 Stainless Steel or Silicon Bronze annular grooved nails |
| TMT TUSCAN                                | 316 Stainless Steel or Silicon Bronze annular grooved nails |
| TMT AMBA                                  | 316 Stainless Steel or Silicon Bronze annular grooved nails |
| THERMOPINE                                | 316 Stainless Steel or Silicon Bronze annular grooved nails |

## LEGEND:

- (AJ) ALUMINIUM JOINERY: Selected double glazed aluminium joinery. To E2/AS1 9.1.10
- (BW) BUILDING WRAP: Flexible Wall Underlay, As per NZBC E2/AS1 - Table 23, In extra high wind zones, Rigid Underlay required ( 9.1.7.2 E2/AS1 )
- (CB1) CAVITY BATTEN - NON STRUCTURAL : Vertically installed JSC-U 45mm x 20mm Radiata Pine H3.2 treated, both face castellated and 18° bevelled edges.
- (CB2) CAVITY BATTEN - NON STRUCTURAL : Horizontally installed JSC-U 45mm x 20mm Radiata Pine H3.2 treated, both face castellated and 18° bevelled edges. Site machined to allow for flashing.
- (CC) CAVITY CLOSURE: Cavity closure strip, positioned to give a 15mm min. drip edge to cladding
- (FT1) FLASHING TAPE: Flashing tape over wrap 70mm ( 50 min ) turn-down required in corners only. Refer to Fig. 72 of NZBC E2/AS1

- (FT2) FLEXIBLE FLASHING TAPE: Flexible flashing tape lapped over aluminium head flashing or 2nd layer of Building Wrap, taped joint to top of timber frame
- (HF) HEAD FLASHING: Aluminium head flashing with minimum 15 degree fall, optional hemmed edges as per table 7 E2/AS1
- (IL) INTERNAL LINING: Selected Internal Lining
- (IN) INSULATION: Selected Insulation
- (PEF) PEF ROD BACKING: Foam backing rod with sealant to cavity in Window perimeter that forms a waterproof air-seal. ( Sealant 2:1 Ratio )
- (TF) TIMBER FRAME: H1.2 min treated timber framing
- (TP) TIMBER PACKER: Tan H3.2 Treated Packer

- (WB) WEATHER BOARD: Selected JSC Bevel Back Weatherboard
- (WL) WINDOW LINER: As Specified
- (WB) WEATHER BOARD: JSC Bevel Back Weatherboard
- (WH) WEATHERHEAD: ( OPTIONAL ) Selected JSC Horizontal batten above window as necessary to suit profile, shaped to shed water, sealant to back of head scriber
- (WS) WINDOW SCRIBER: Sealant to back of scriber and 75 x 3.15mm 316 Stainless Steel nail in 3mm predrilled hole.
- (WZ) WANZ SUPPORT: Provide window support as required by joinery manufacturer

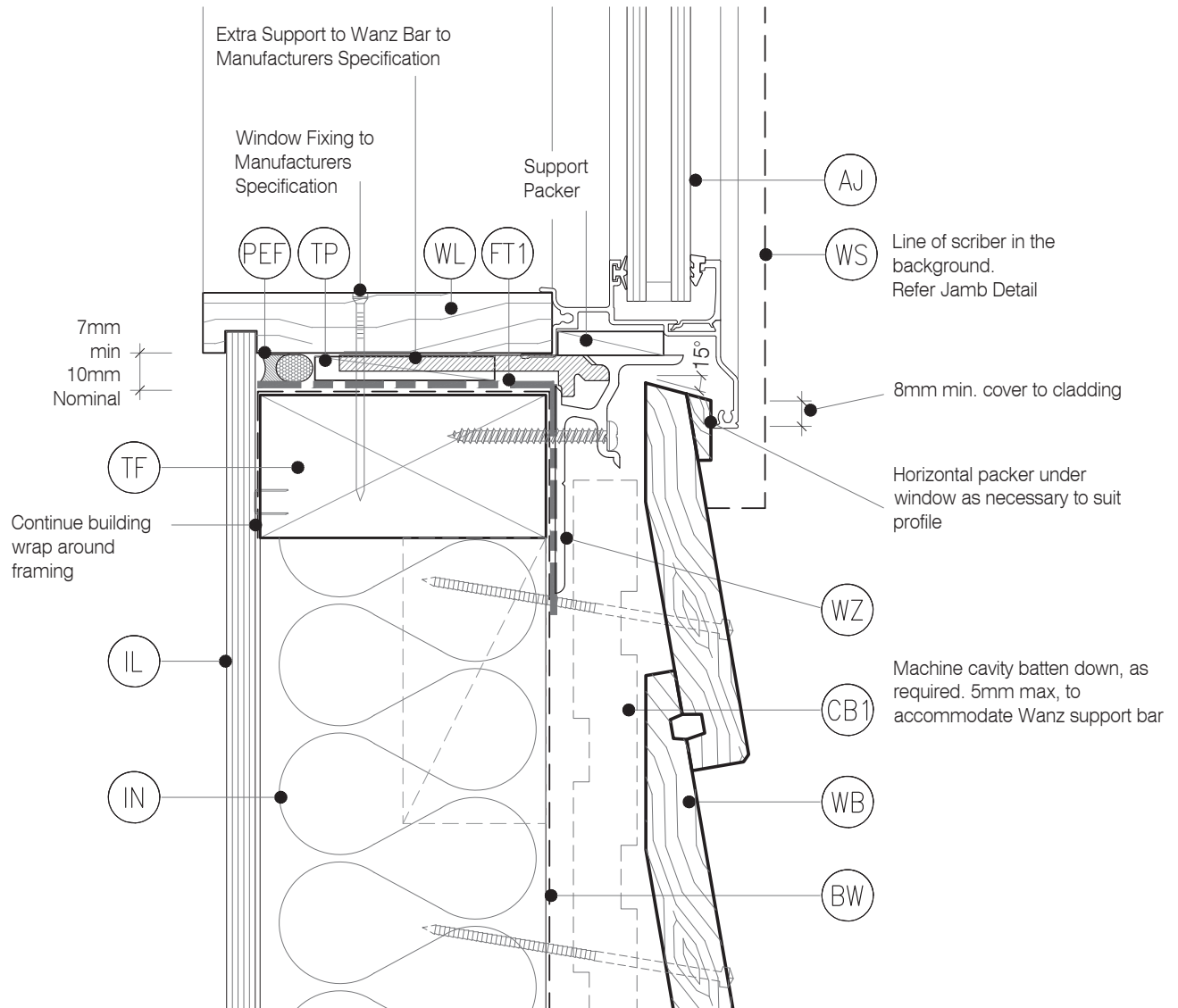


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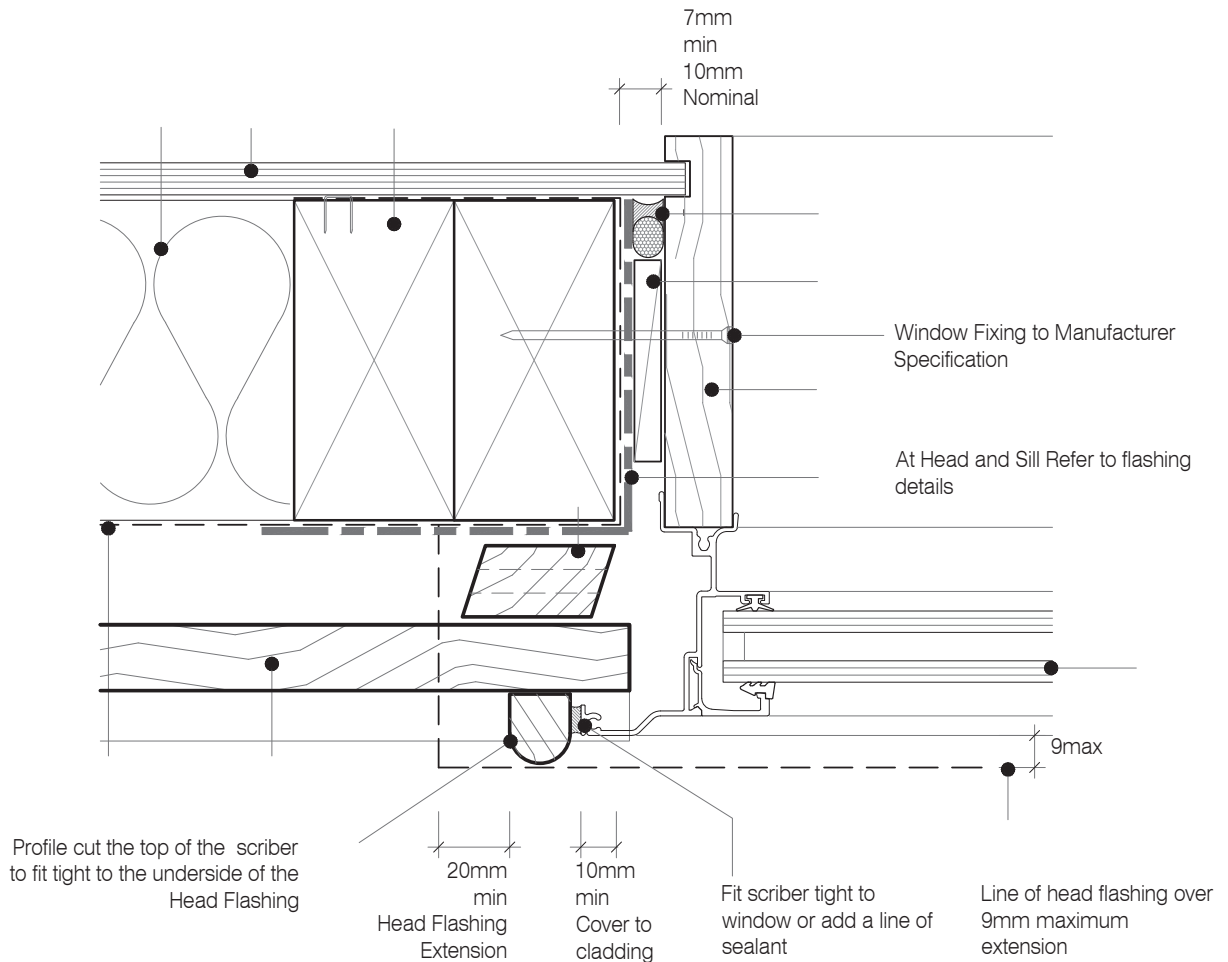


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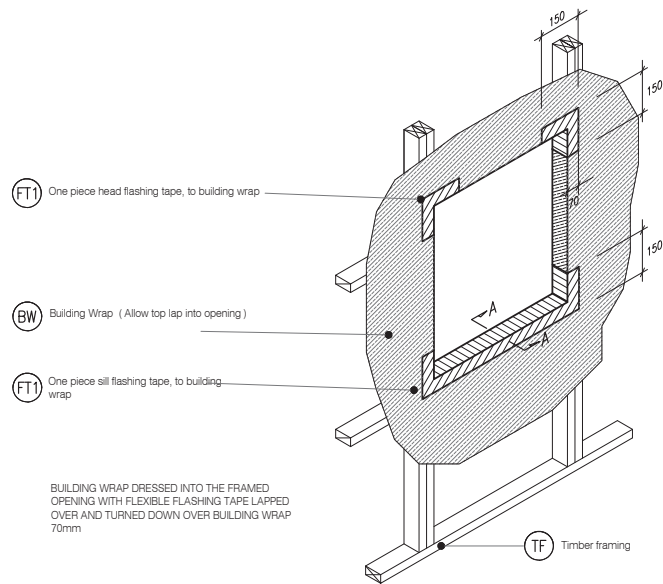
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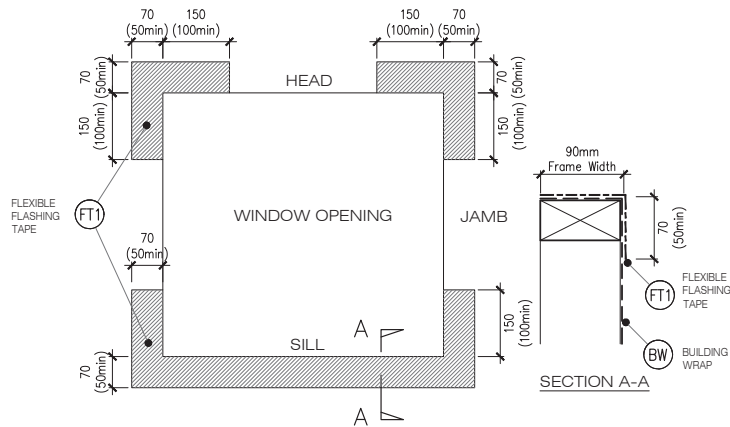


## NOTE : No Scribe Option :

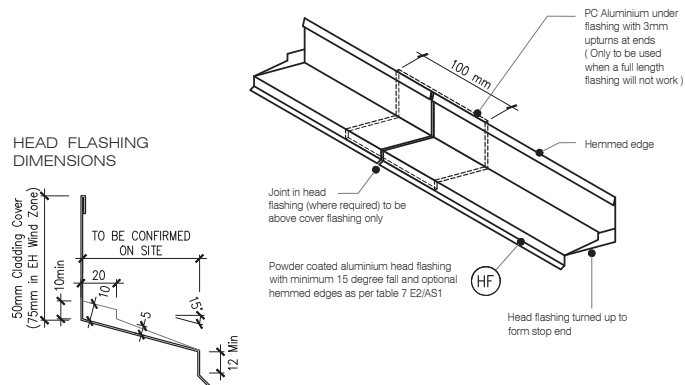
The Aluminium Joinery must sit hard against the back of the joinery flange and the timber weatherboards with a E.P.S Compressible bond breaker foam seal between



**W4** TYPICAL WINDOW OPENING ( FLASHING TAPE )  
BC13 SCALE : N.T.S



**W5** FLEXIBLE BUILDING WRAP AT OPENING  
BC13 SCALE : 1 / 5 @ A1, 1 / 10 @ A3



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

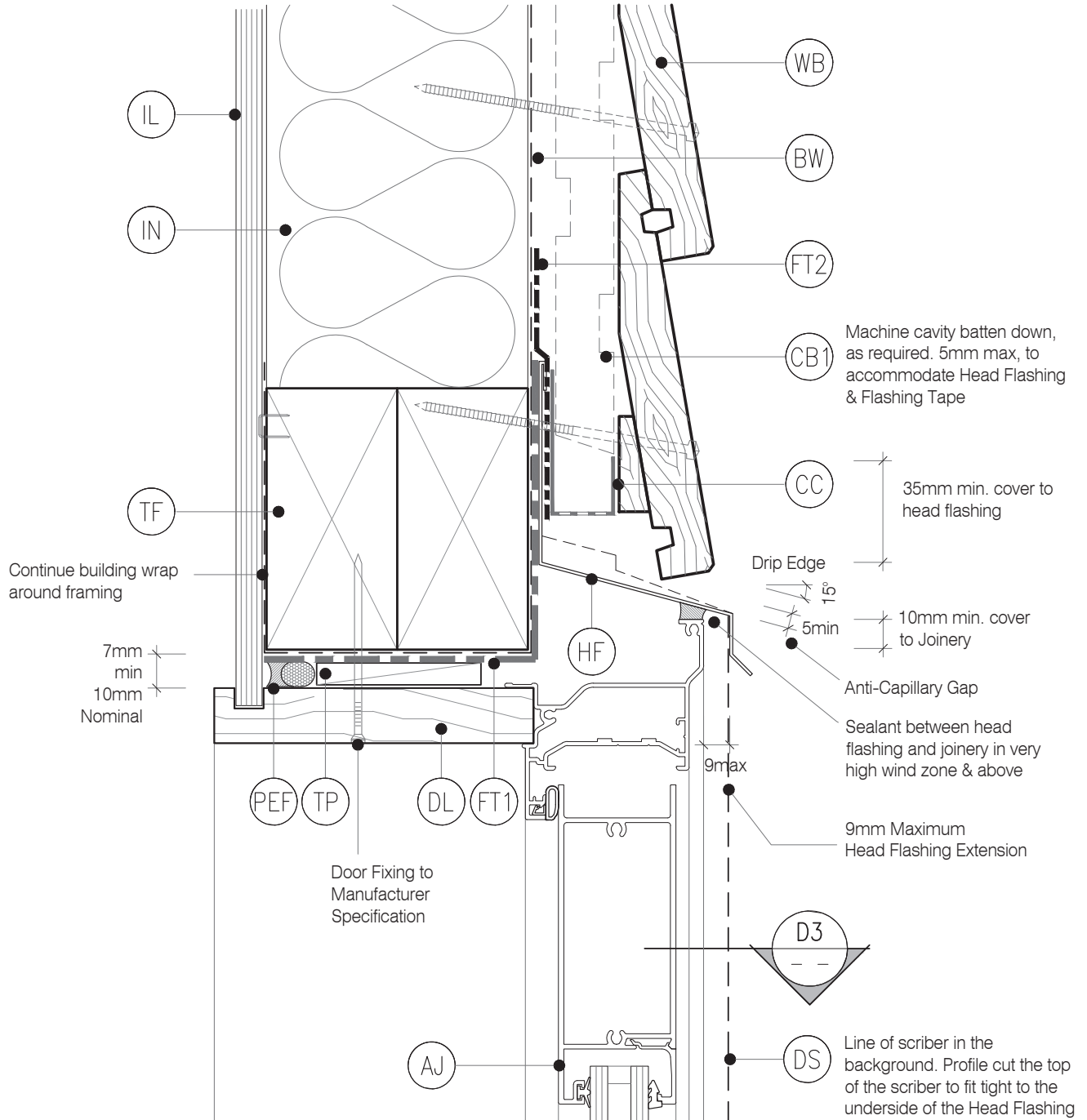
**W6** TYPICAL HEAD & FLASHING JOINT  
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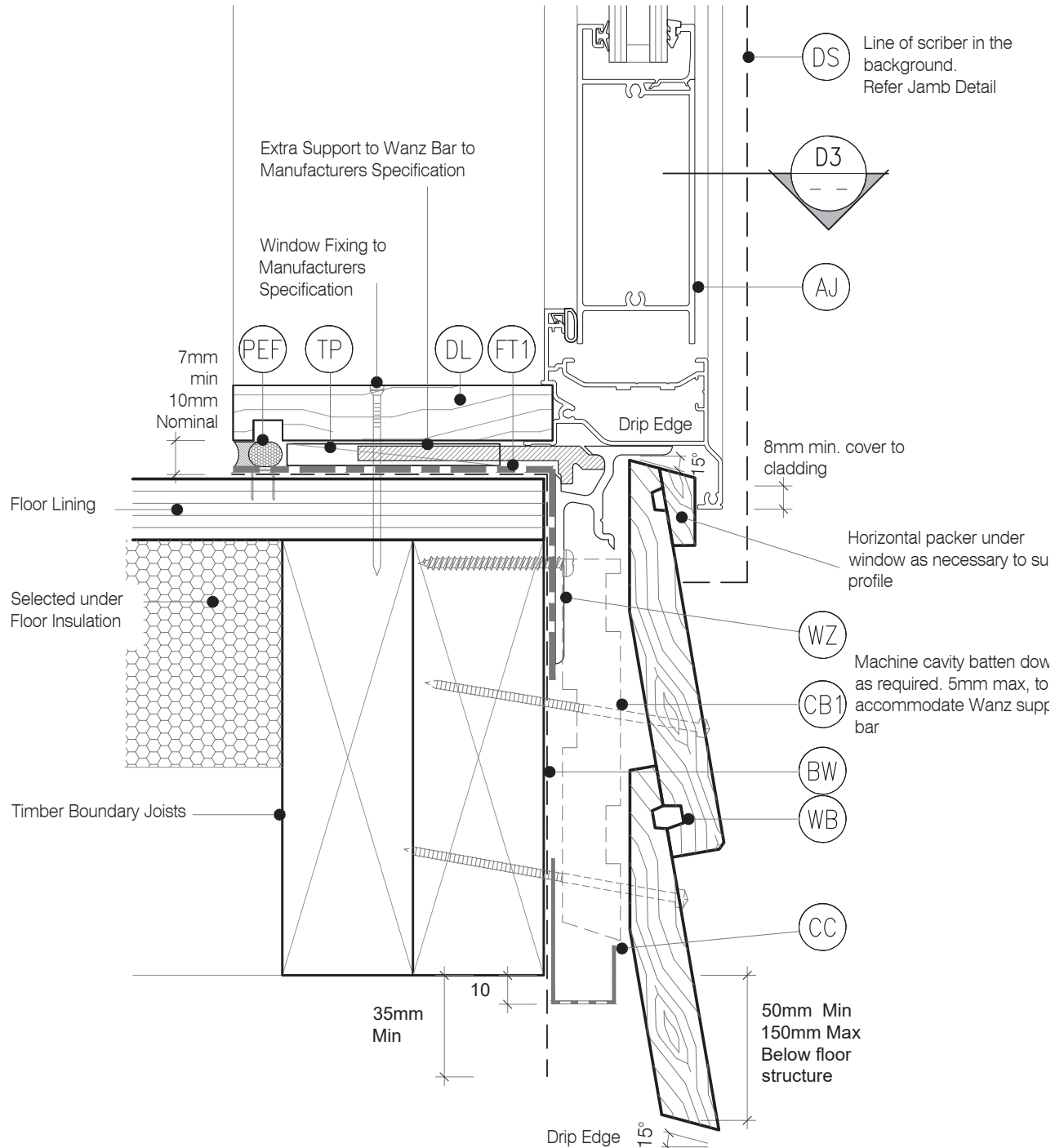


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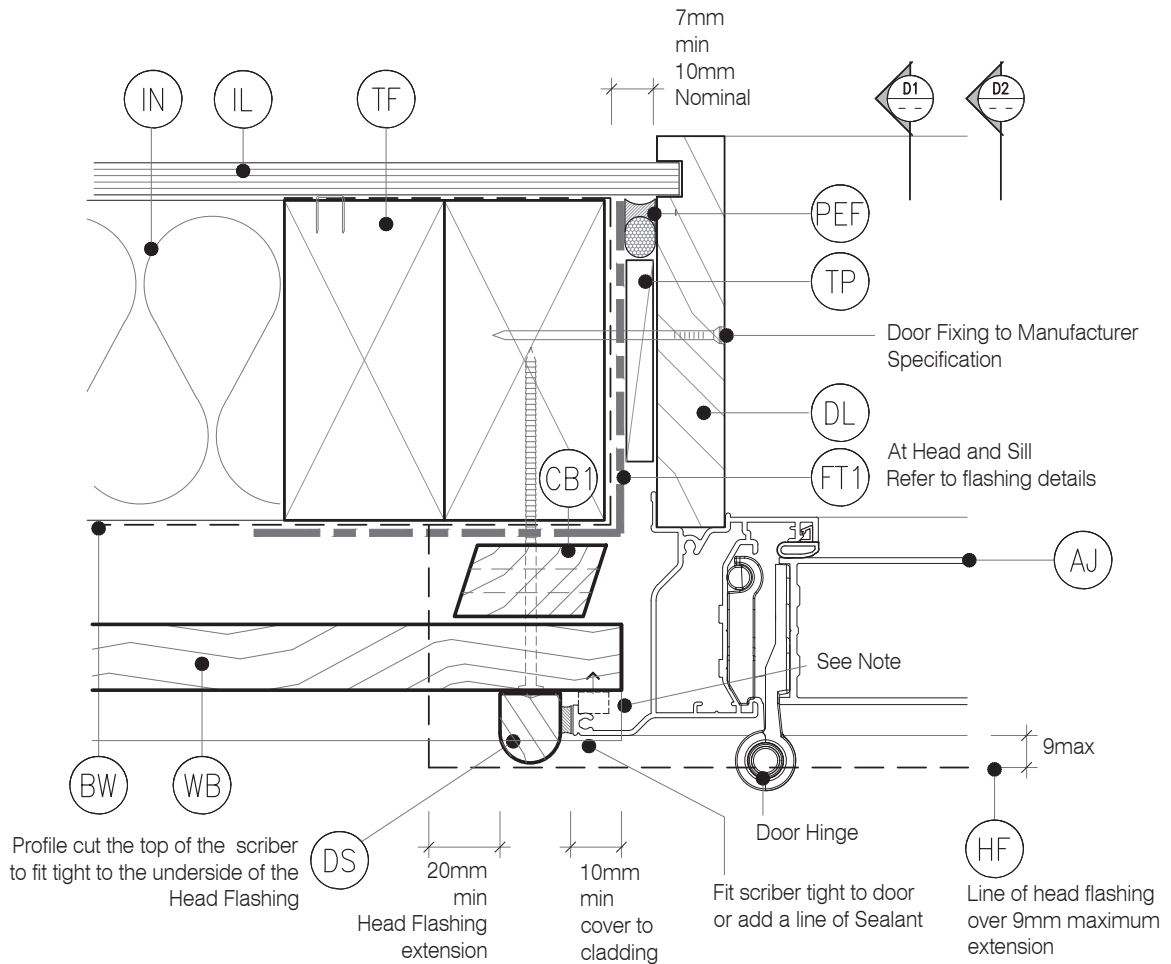


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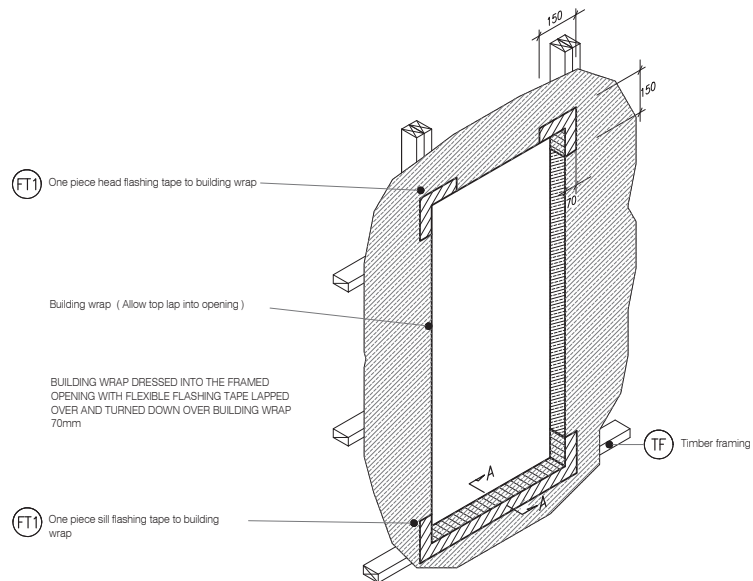
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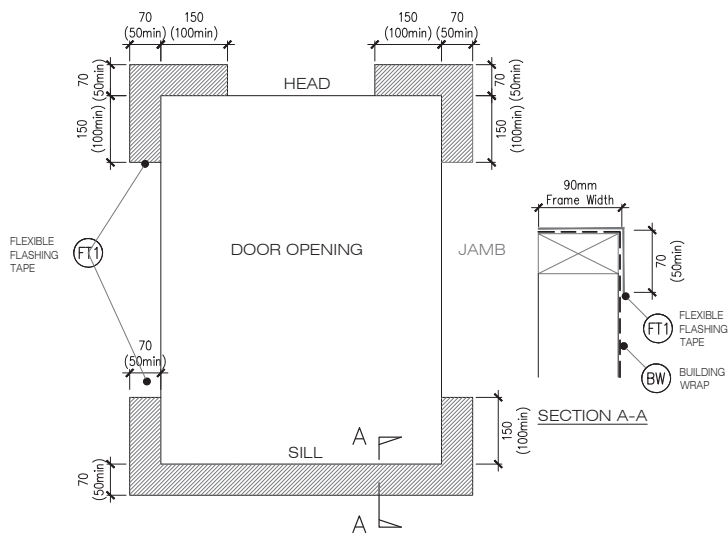


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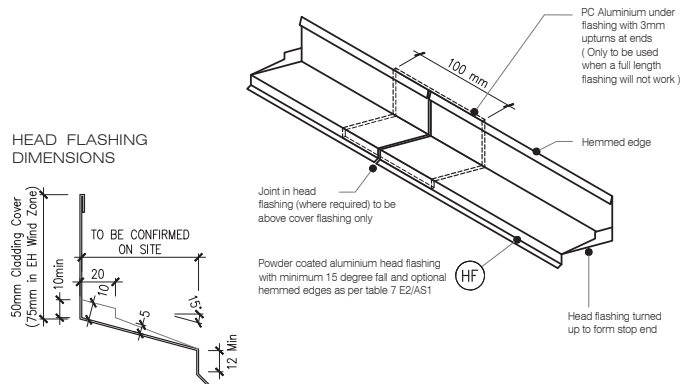
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**D4** TYPICAL DOOR OPENING (FLASHING TAPE)  
BC23 SCALE : N.T.S



**D5** FLEXIBLE BUILDING WRAP AT OPENING  
BC23 SCALE : 1 / 5 @ A1, 1 / 10 @ A3



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

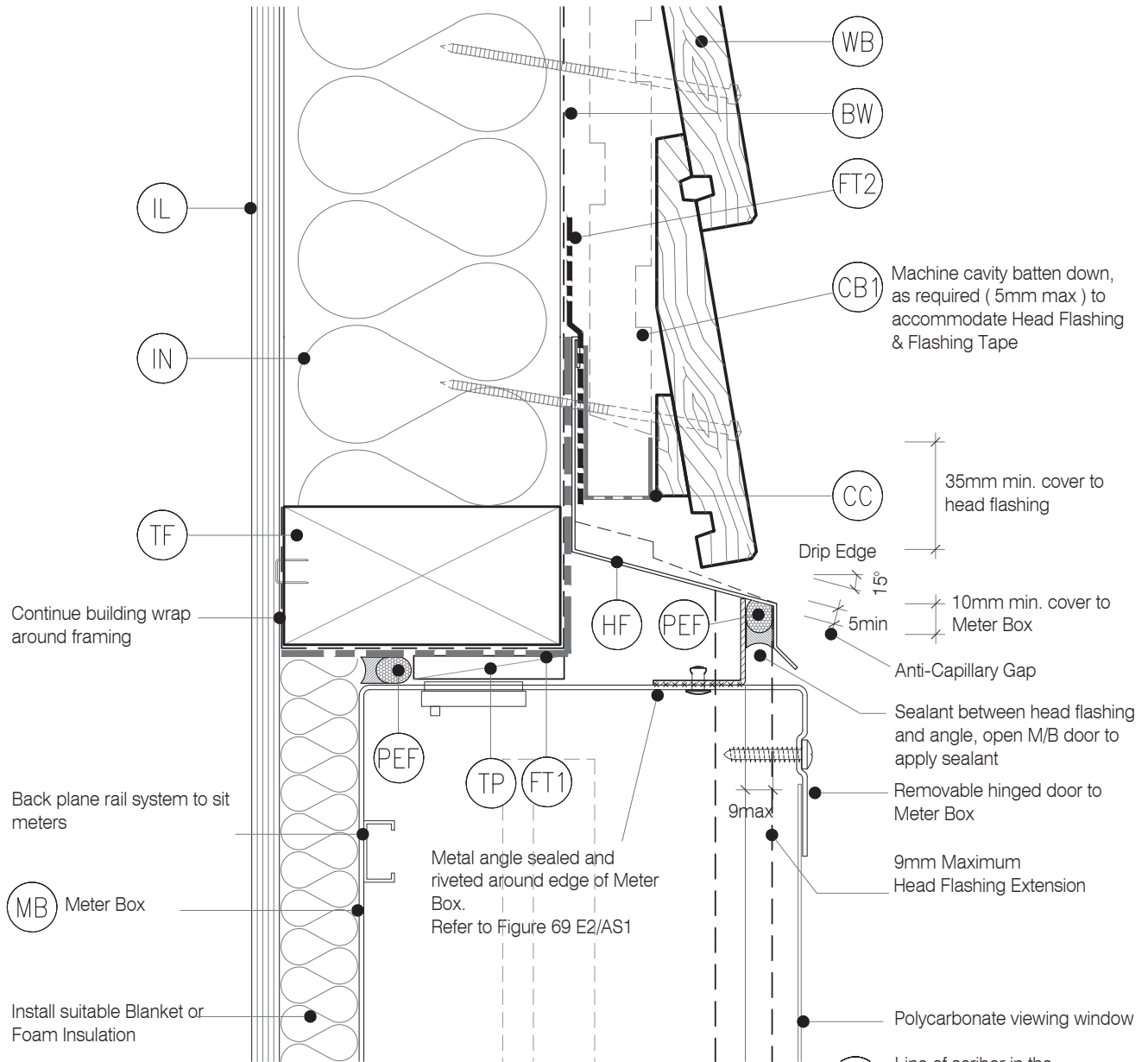
**D6** TYPICAL HEAD & FLASHING JOINT  
BC23 SCALE : 1 / 2 @ A1, 1 / 4 @ A3

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- (MB) METER BOX: Electrical meter box, with removable hinged door and polycarbonate viewing window
- (MS) METER BOX SCRIBER: Sealant to back of scriber and 75 x 3.15mm 316 Stainless Steel nail in 3mm predrilled hole.

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Install suitable Blanket or Foam Insulation

Electrical mounting bracket

(MB) Meter Box

Pressed penetrations for services with fitted nylon plugs

7mm  
min  
10mm  
Nominal

Continue building wrap around framing

Metal angle sealed and riveted around edge of Meter Box.  
Refer to Figure 69 E2/AS1

Sealant between metal angle and sill scribe

(MS) Cut and fit tight between jamb scribes

(MS) Line of scribe in the background

For Nail fixing, Refer to Weatherboard Fixing Detail BC40

(WB)

(BW)



## TYPE

BEVEL BACK WB- 20MM CAVITY FIX

## NAME

Meter Box Sill Detail

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

## DRAWING SCALE

1:2 @ A4

## ISSUE DATE

24/02/2025

## DRAWING NUMBER

JSC 20CF BC31

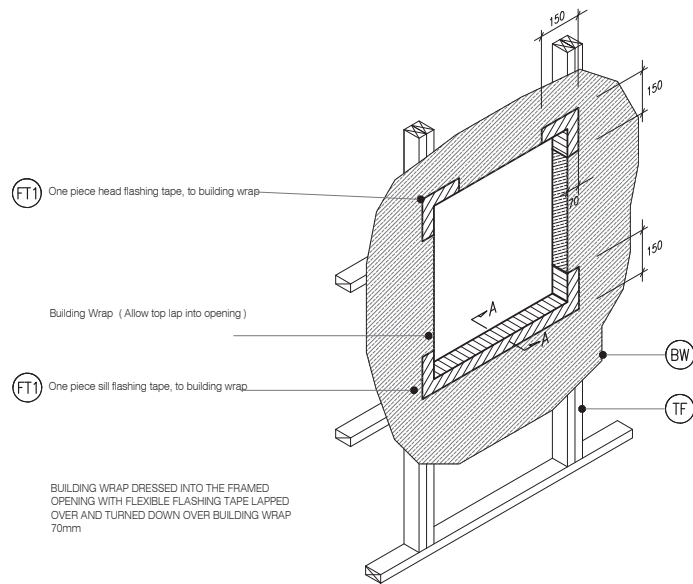
## VERSION

2.5

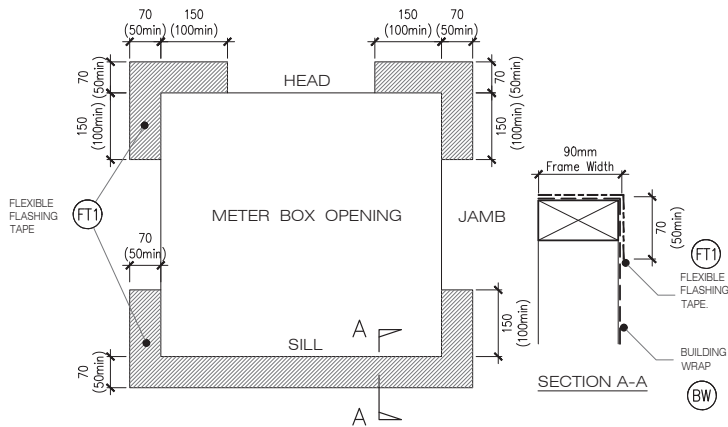
7

- 
- Continue building wrap around framing
- 7mm min  
10mm Nominal
- Install suitable Blanket or Foam Insulation
- IN IL TF
- PEF TP FT1
- MB Meter Box
- 10mm
- Metal angle sealed and riveted around edge of Meter Box. Screw fix to cavity batten
- PEF
- WB BW CB1
- 20mm min Head Flashing Extension
- Removable hinged door to Meter Box
- Polycarbonate viewing window
- HF Line of Head Flashing over
- MS Profile cut the top of the scribe to fit tight to the underside of the Head Flashing



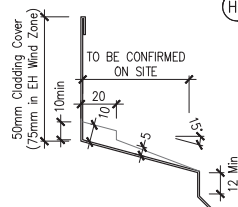


**M4** TYPICAL METER BOX OPENING (FLASHING TAPE)  
BC33 SCALE : N.T.S

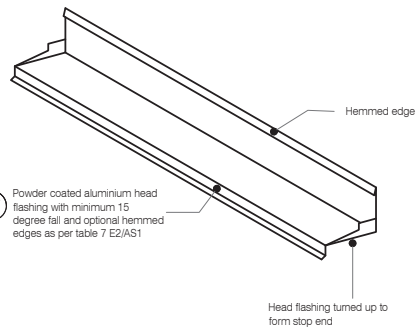


**M5** FLEXIBLE BUILDING WRAP AT OPENING  
BC33 SCALE : 1 / 5 @ A1, 1 / 10 @ A3

#### HEAD FLASHING DIMENSIONS



HF Powder coated aluminium head flashing with minimum 15 degree fall and optional hemmed edges as per table 7 E2/AS1



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

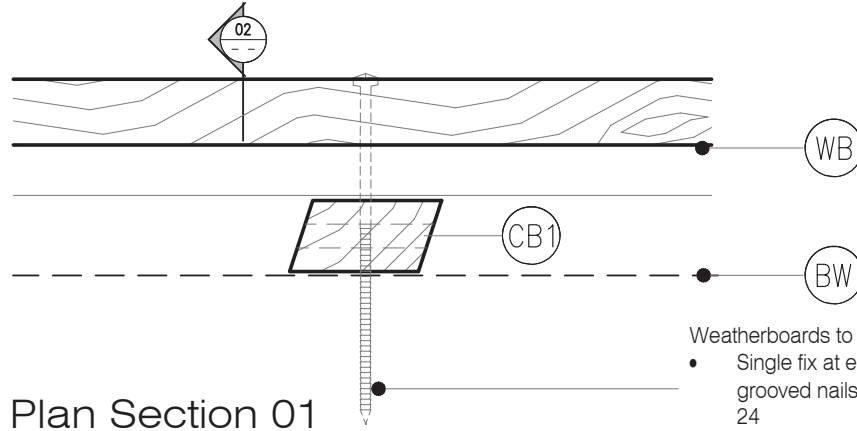
**M6** TYPICAL HEAD & FLASHING JOINT  
BC33 SCALE : 1 / 2 @ A1, 1 / 4 @ A3

## LEGEND:

- (BF) BACK FLASHING: Minimum 100mm Polypropylene or PVC rear flashing to provide 50mm cover past the scarf joint on each side
- (BW) BUILDING WRAP: Flexible Wall Underlay, as per NZBC E2/AS1 - Table 23. In extra high wind zones, Rigid Underlay required (9.1.7.2 E2/AS1)
- (CB1) CAVITY BATTEN - NON STRUCTURAL: Vertically installed JSC-U 45mm x 20mm Radiata Pine H3.2 treated, both face castellated and 18° bevelled edges.

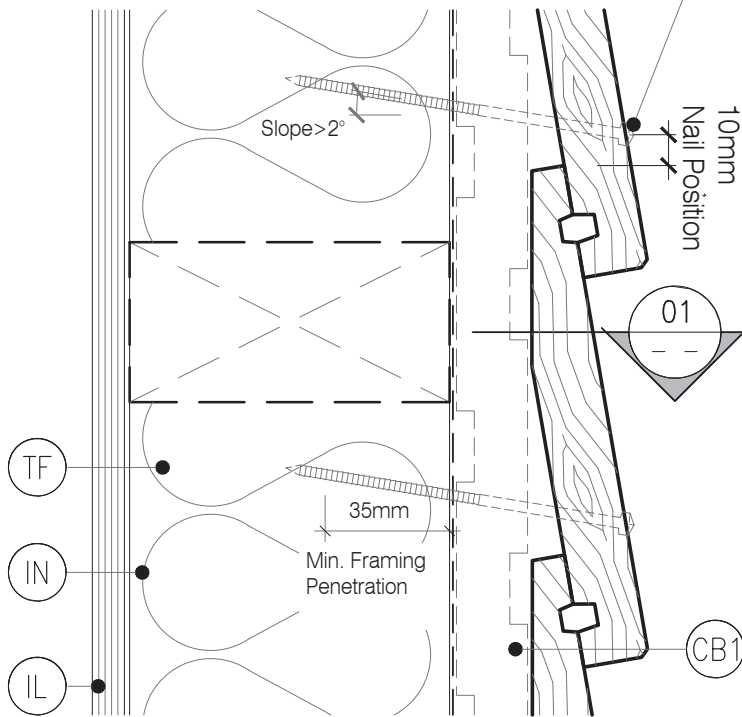
- (CC) CAVITY CLOSURE: Cavity closure strip, positioned to give a 15mm minimum drip edge to cladding
- (FT4) FLEXIBLE FLASHING TAPE: Flexible flashing tape lapped into corner, Refer NZBC E2/AS1 4.3.11 Flashing tape is recommended due to movement that may occur in corners. Not required by E2/AS1
- (IL) INTERNAL LINING: Selected Internal Lining

- (IN) INSULATION: Selected Insulation
- (TF) TIMBER FRAME: H1.2 min treated timber framing
- (WB) WEATHERBOARD: Selected JSC Bevel Back Weatherboard



### Weatherboards to be

- Single fix at each stud with annular grooved nails as per NZBC E2/AS1 Table 24
- Pre-drilled 1mm diameter smaller than the nail gauge
- Nailed with slight (2°+) upward slope
- Fixed with fixings to achieve a minimum of 30mm penetration into the framing
- Nailed 10mm above the top of the lower board
- Minimum 50mm from the ends of boards



Cavity battens will be fixed by the cladding fixings, which will penetrate the wall framing. Battens only need temporary fixing until the cladding is fixed (E2/AS1 - Table 24)



## LEGEND:

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

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

(CB1) CAVITY BATTEN - NON STRUCTURAL: Vertically installed JSC-U 45mm x 20mm Radiata Pine H3.2 treated, both face castellated and 18° bevelled edges.

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

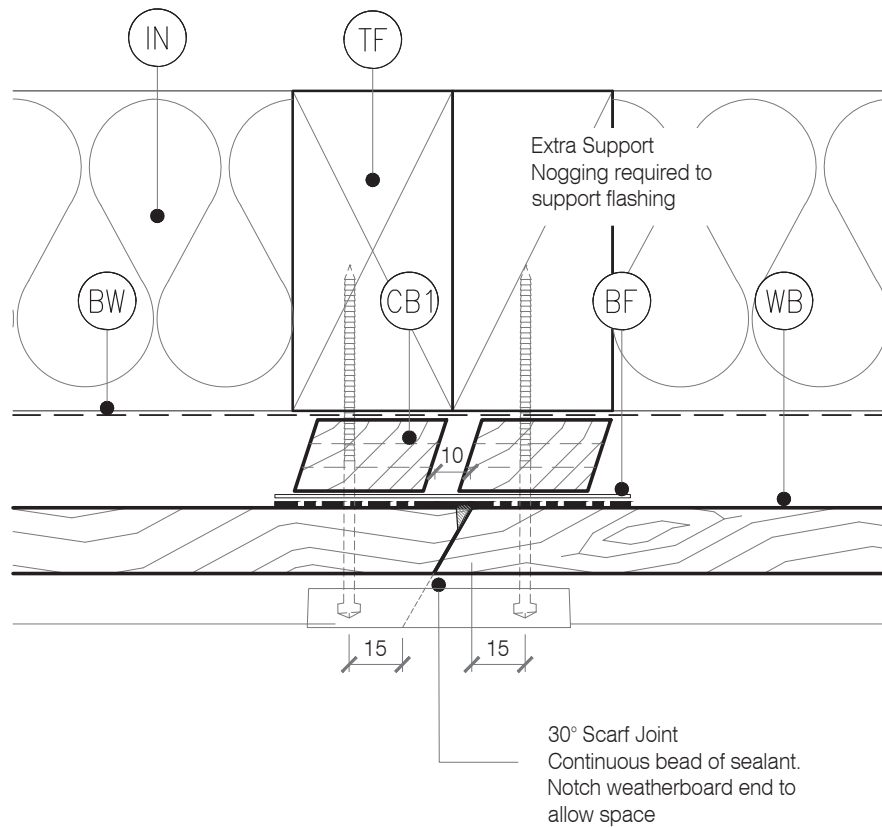
(FT4) FLEXIBLE FLASHING TAPE: Flexible flashing tape lapped into corner, Refer NZBC E2/AS1 4.3.11 Flashing tape is recommended due to movement that may occur in corners. Not required by E2/AS1

(IL) INTERNAL LINING: Selected Internal Lining

(IN) INSULATION: Selected Insulation

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

(WB) WEATHERBOARD: Selected JSC Bevel Back Weatherboard

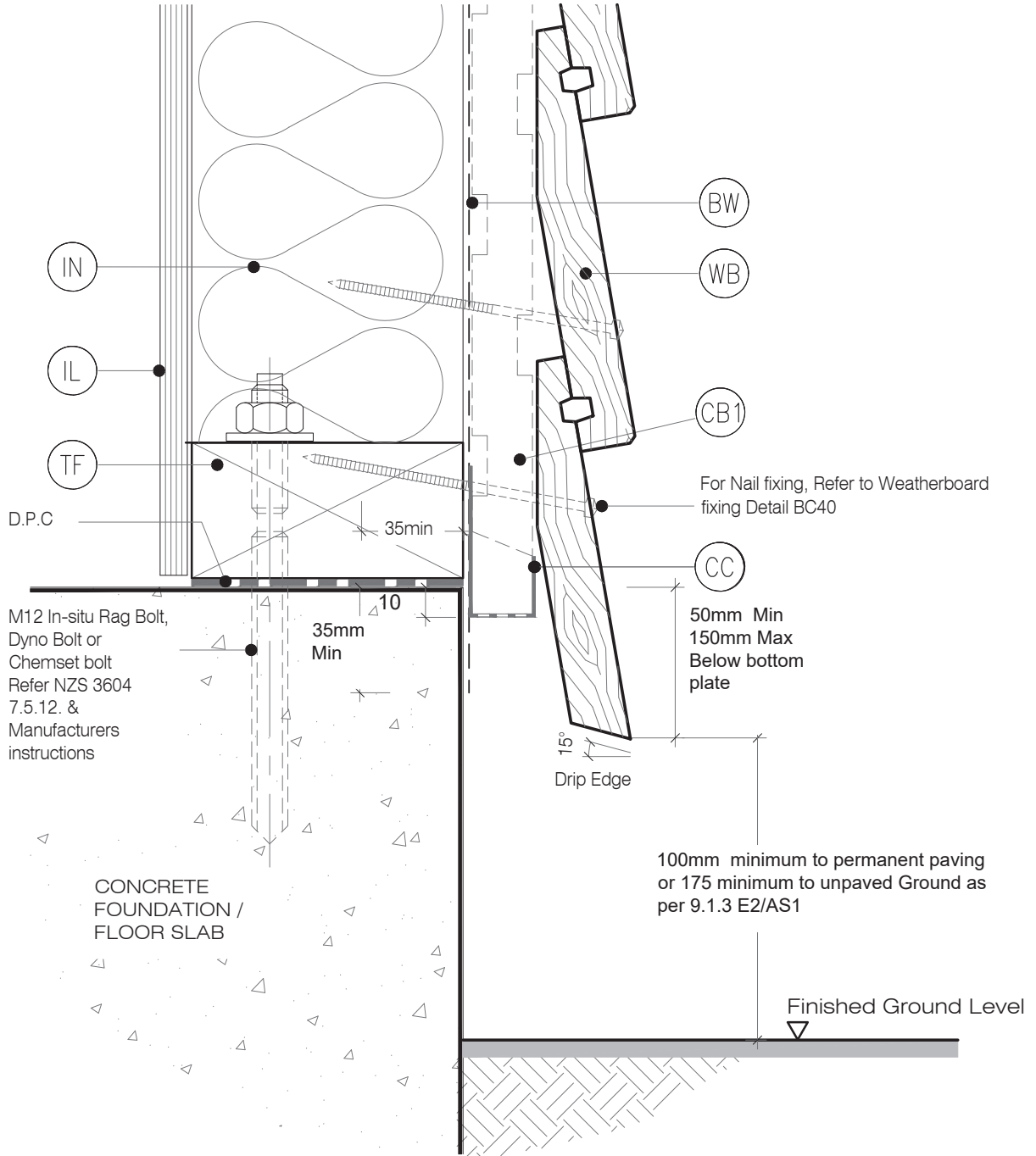


## LEGEND:

- (BF) BACK FLASHING: Minimum 100mm Polypropylene or PVC rear flashing to provide 50mm cover past the scarf joint on each side
- (BW) BUILDING WRAP: Flexible Wall Underlay, as per NZBC E2/AS1 - Table 23. In extra high wind zones, Rigid Underlay required (9.1.7.2 E2/AS1)
- (CB1) CAVITY BATTEN - NON STRUCTURAL: Vertically installed JSC-U 45mm x 20mm Radiata Pine H3.2 treated, both face castellated and 18° bevelled edges.

- (CC) CAVITY CLOSURE: Cavity closure strip, positioned to give a 15mm minimum drip edge to cladding
- (FT4) FLEXIBLE FLASHING TAPE: Flexible flashing tape lapped into corner, Refer NZBC E2/AS1 4.3.11 Flashing tape is recommended due to movement that may occur in corners. Not required by E2/AS1
- (IL) INTERNAL LINING: Selected Internal Lining

- (IN) INSULATION: Selected Insulation
- (TF) TIMBER FRAME: H1.2 min treated timber framing
- (WB) WEATHERBOARD: Selected JSC Bevel Back Weatherboard



## LEGEND:

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

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

(CB1) CAVITY BATTEN - NON STRUCTURAL: Vertically installed JSC-U 45mm x 20mm Radiata Pine H3.2 treated, both face castellated and 18° bevelled edges.

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

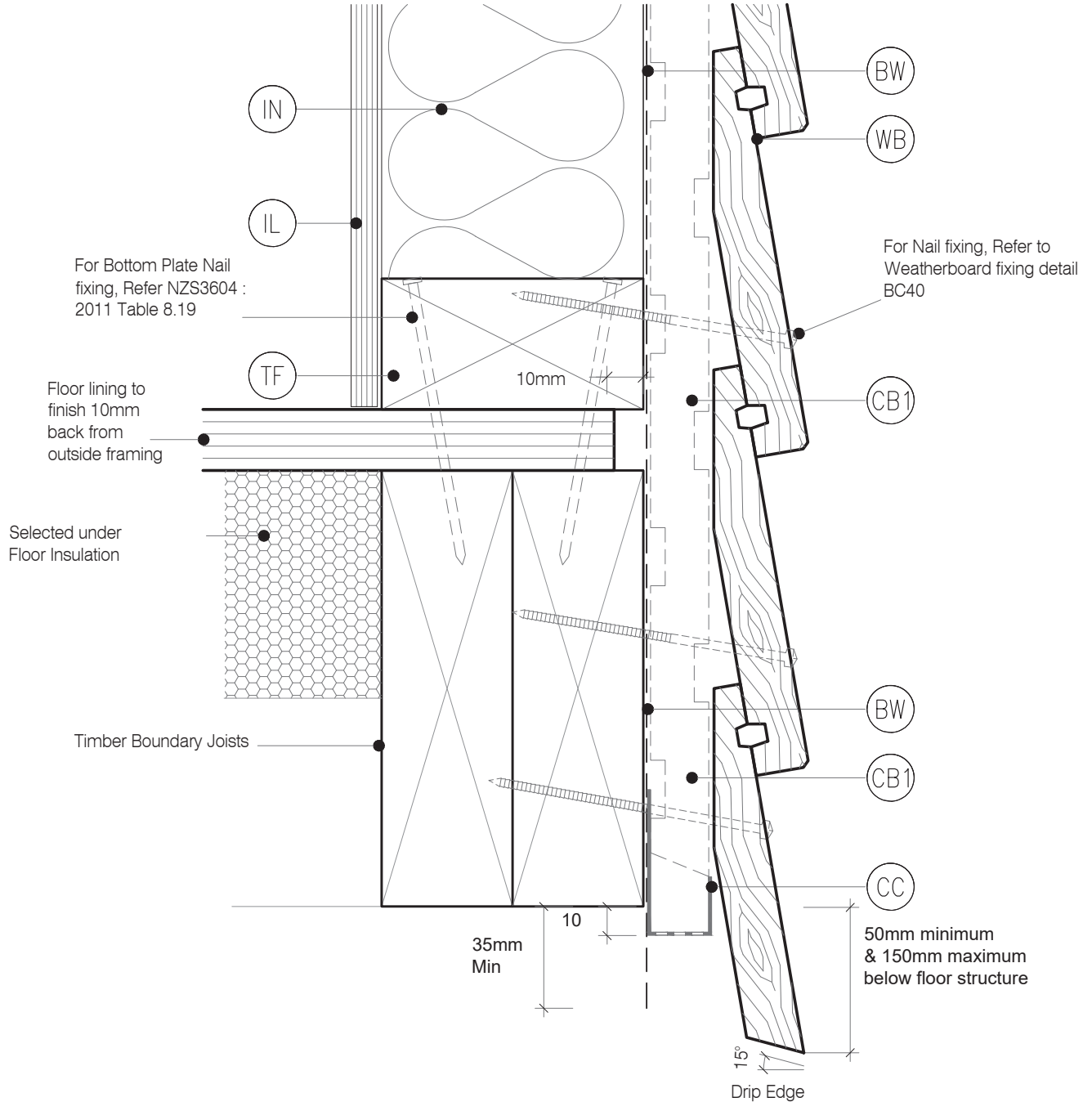
(FT4) FLEXIBLE FLASHING TAPE: Flexible flashing tape lapped into corner, Refer NZBC E2/AS1 4.3.11 Flashing tape is recommended due to movement that may occur in corners. Not required by E2/AS1

(IL) INTERNAL LINING: Selected Internal Lining

(IN) INSULATION: Selected Insulation

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

(WB) WEATHERBOARD: Selected JSC Bevel Back Weatherboard

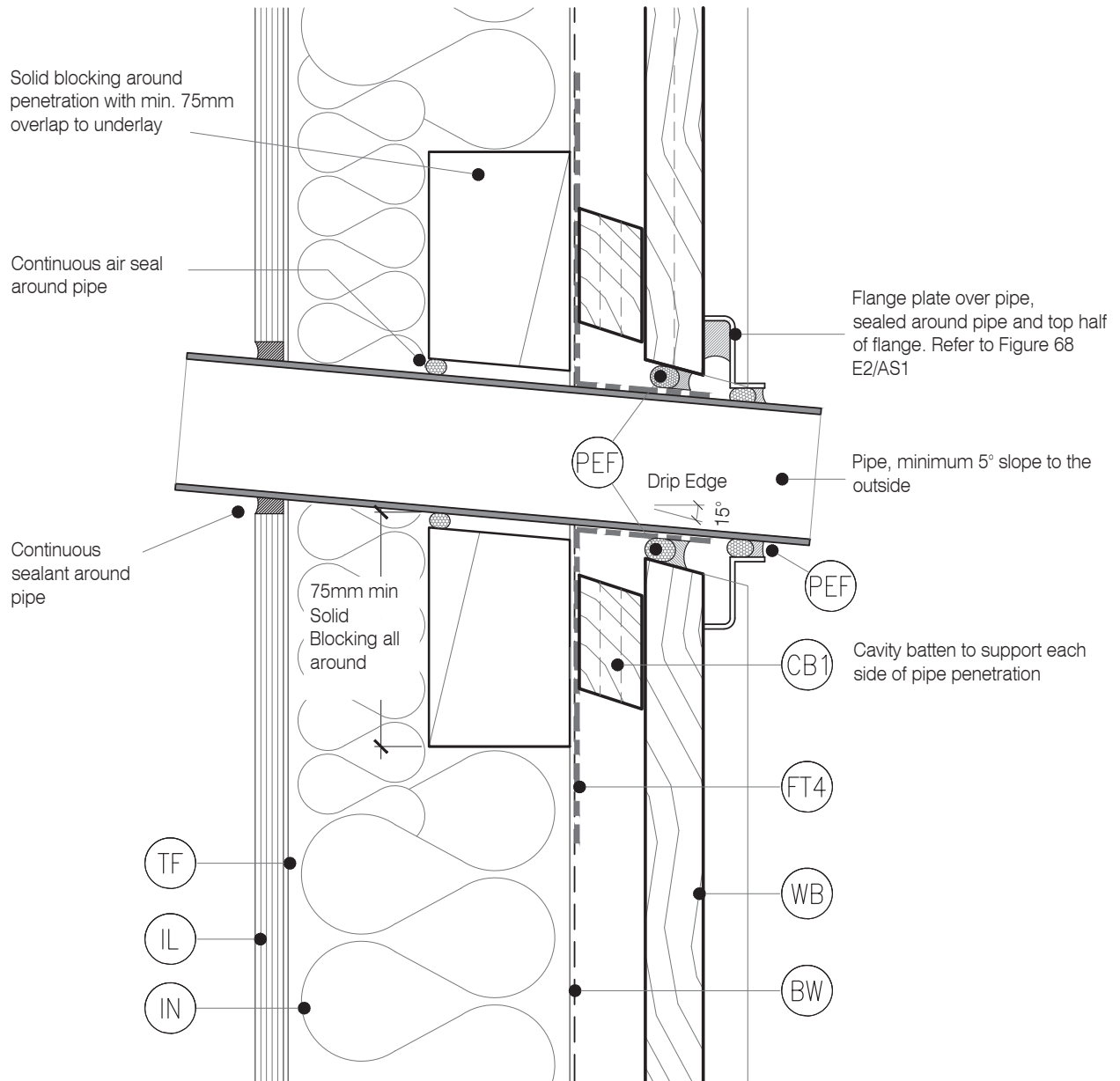


LEGEND :

- (BF) BACK FLASHING: Minimum 100mm Polypropylene or PVC rear flashing to provide 50mm cover past the scarf joint on each side
- (BW) BUILDING WRAP: Flexible Wall Underlay, as per NZBC E2/AS1 - Table 23. In extra high wind zones, Rigid Underlay required ( 9.1.7.2 E2/AS1 )
- (CB1) CAVITY BATTEN - NON STRUCTURAL : Vertically installed JSC-U 45mm x 20mm Radiata Pine H3.2 treated, both face castellated and 18° bevelled edges.

- (CC) CAVITY CLOSURE: Cavity closure strip, positioned to give a 15mm minimum drip edge to cladding
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- (IL) INTERNAL LINING: Selected Internal Lining

- (IN) INSULATION: Selected Insulation
- (TF) TIMBER FRAME: H1.2 min treated timber framing
- (WB) WEATHERBOARD: Selected JSC Bevel Back Weatherboard

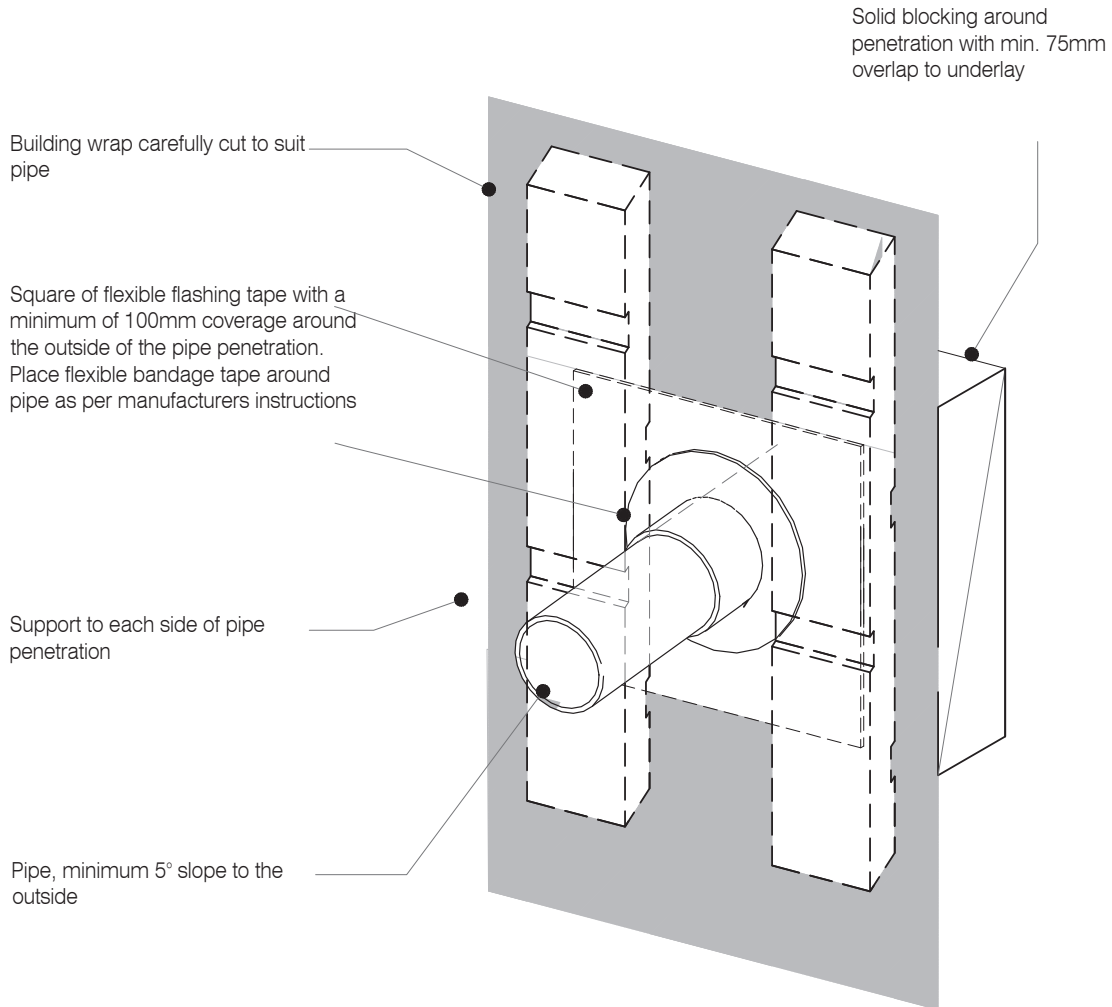


LEGEND :

- (BF) BACK FLASHING: Minimum 100mm Polypropylene or PVC rear flashing to provide 50mm cover past the scarf joint on each side
- (BW) BUILDING WRAP: Flexible Wall Underlay, as per NZBC E2/AS1 - Table 23. In extra high wind zones, Rigid Underlay required ( 9.1.7.2 E2/AS1 )
- (CB1) CAVITY BATTEN - NON STRUCTURAL : Vertically installed JSC-U 45mm x 20mm Radiata Pine H3.2 treated, both face castellated and 18° bevelled edges.

- (CC) CAVITY CLOSURE: Cavity closure strip, positioned to give a 15mm minimum drip edge to cladding
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- (IL) INTERNAL LINING: Selected Internal Lining

- (IN) INSULATION: Selected Insulation
- (TF) TIMBER FRAME: H1.2 min treated timber framing
- (WB) WEATHERBOARD: Selected JSC Bevel Back Weatherboard

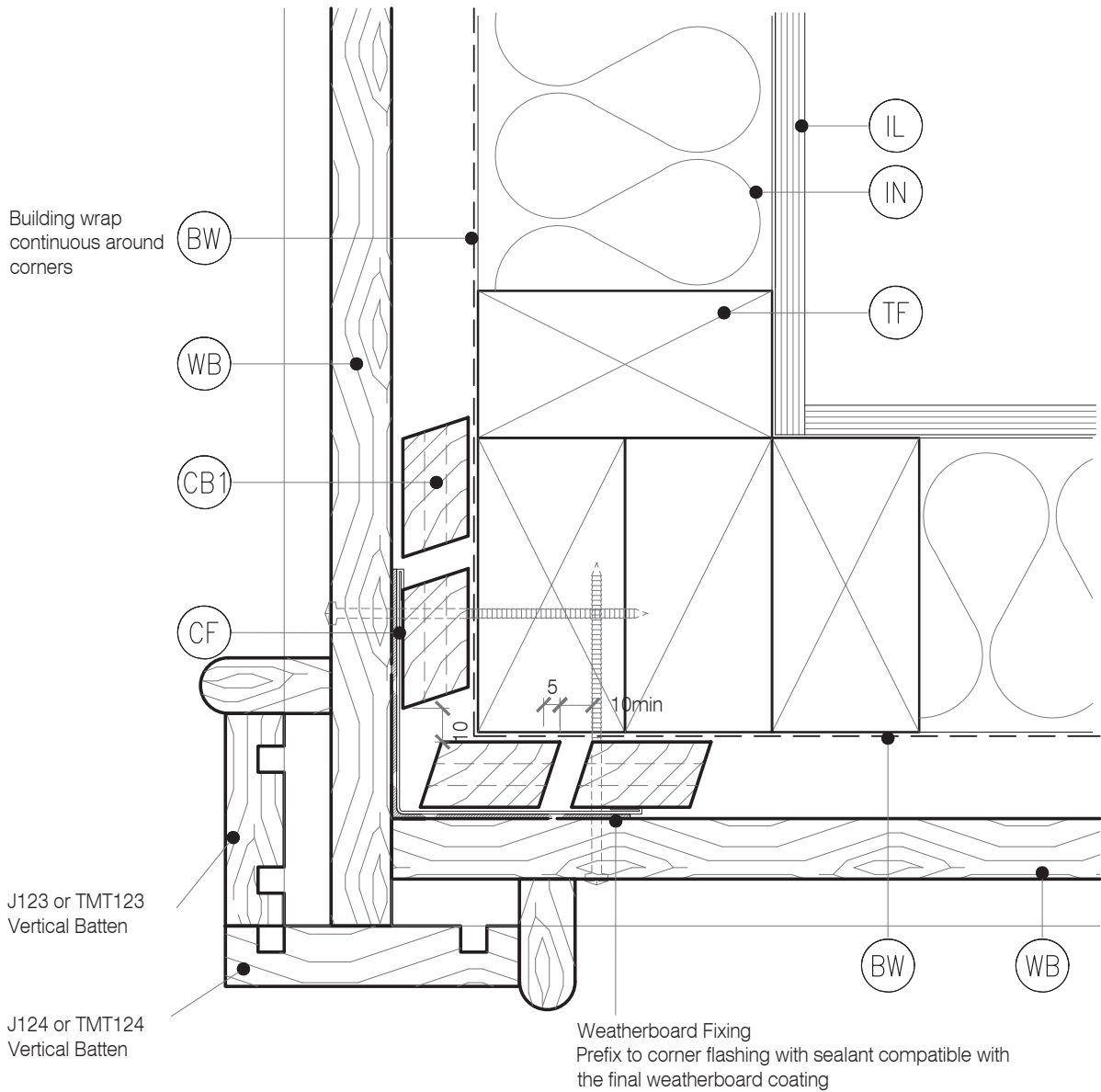


## LEGEND :

- (BW) BUILDING WRAP: Flexible Wall Underlay, As per NZBC E2/AS1 - Table 23, In extra high wind zones, Rigid Underlay required ( 9.1.7.2 E2/AS1 )
- (CB1) CAVITY BATTEN - NON STRUCTURAL : Vertically installed JSC-U 45mm x 20mm Radiata Pine H3.2 treated, both face castellated and 18° bevelled edges. Site machined to allow for flashing.
- (WB) WEATHERBOARD: Selected JSC Bevel Back Weatherboard

- (CF) CORNER FLASHING: Aluminium, PVC or Stainless Steel corner flashing. Refer NZBC E2/AS1 Section 4.3 'Acceptable flashing materials' Minimum Flashing Size (mm) as per NZBC E2/AS1 Section 4.5.1:
- | FLASHING TYPE | L,M,H & VH Wind Zones | EH Wind Zones |
|---------------|-----------------------|---------------|
| Hemmed        | 50X50                 | 75X75         |
| Unhemmed      | 75x75                 | 100x100       |

- (FT3) FLEXIBLE FLASHING TAPE: Flexible flashing tape lapped into corner, Refer NZBC E2/AS1 4.3.11 Flashing tape is recommended due to movement that may occur in corners. Not required by E2/AS1
- (IL) INTERNAL LINING: Selected Internal Lining
- (IN) INSULATION: Selected Insulation
- (TF) TIMBER FRAME: H1.2 min treated timber framing

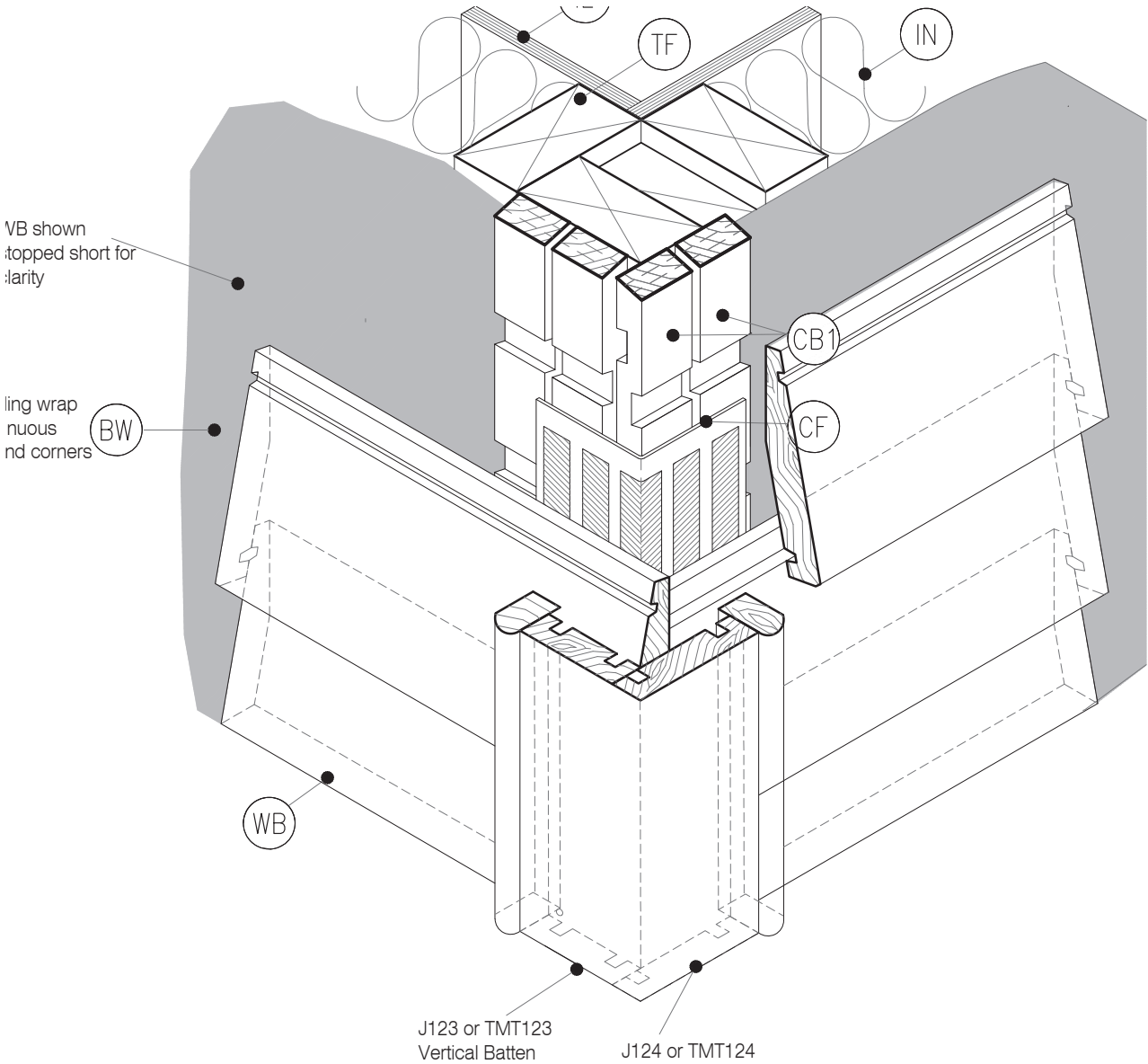


LEGEND :

- (BW) BUILDING WRAP: Flexible Wall Underlay, As per NZBC E2/AS1 - Table 23. In extra high wind zones, Rigid Underlay required ( 9.1.7.2 E2/AS1 )
- (CB1) CAVITY BATTEN - NON STRUCTURAL : Vertically installed JSC-U 45mm x 20mm Radiata Pine H3.2 treated, both face castellated and 18° bevelled edges. Site machined to allow for flashing.
- (WB) WEATHERBOARD: Selected JSC Bevel Back Weatherboard

- (CF) CORNER FLASHING: Aluminium, PVC or Stainless Steel corner flashing. Refer NZBC E2/AS1 Section 4.3 'Acceptable flashing materials' Minimum Flashing Size (mm) as per NZBC E2/AS1 Section 4.5.1:
- | FLASHING TYPE | L,M,H & VH Wind Zones | EH Wind Zones |
|---------------|-----------------------|---------------|
| Hemmed        | 50X50                 | 75X75         |
| Unhemmed      | 75X75                 | 100X100       |

- (FT3) FLEXIBLE FLASHING TAPE: Flexible flashing tape lapped into corner, Refer NZBC E2/AS1 4.3.11 Flashing tape is recommended due to movement that may occur in corners. Not required by E2/AS1
- (IL) INTERNAL LINING: Selected Internal Lining
- (IN) INSULATION: Selected Insulation
- (TF) TIMBER FRAME: H1.2 min treated timber framing



TYPE  
BEVEL BACK WB - 20MM CAVITY FIX

NAME  
3D - External Corner - Boxed

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

CodeMark  
CMNZ30082

DRAWING SCALE  
1:2 @ A4

ISSUE DATE  
24/02/2025

DRAWING NUMBER  
JSC 20CF BC51

VERSION  
2.5

|              |                                                                                                                                                                                              |
|--------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>(BW)</b>  | <b>BUILDING WRAP:</b> Flexible Wall Underlay, As per NZBC E2/AS1 – Table 23, In extra high wind zones, Rigid Underlay required (9.1.7.2 E2/AS1)                                              |
| <b>(CB1)</b> | <b>CAVITY BATTEN - NON STRUCTURAL :</b> Vertically installed JSC-U 45mm x 20mm Radiata Pine H3.2 treated, both face castellated and 18° bevelled edges. Site machined to allow for flashing. |
| <b>(WB)</b>  | <b>WEATHERBOARD:</b> Selected JSC Bevel Back Weatherboard                                                                                                                                    |

|              |                                                                                                                                                                                                      |
|--------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>(FT3)</b> | <b>FLEXIBLE FLASHING TAPE:</b> Flexible flashing tape lapped into corner, Refer NZBC E2/AS1 4.3.11<br>Flashing tape is recommended due to movement that may occur in corners. Not required by E2/AS1 |
| <b>(IL)</b>  | <b>INTERNAL LINING:</b> Selected Internal Lining                                                                                                                                                     |
| <b>(IN)</b>  | <b>INSULATION:</b> Selected Insulation                                                                                                                                                               |
| <b>(TF)</b>  | <b>TIMBER FRAME:</b> H1.2 min treated timber framing                                                                                                                                                 |



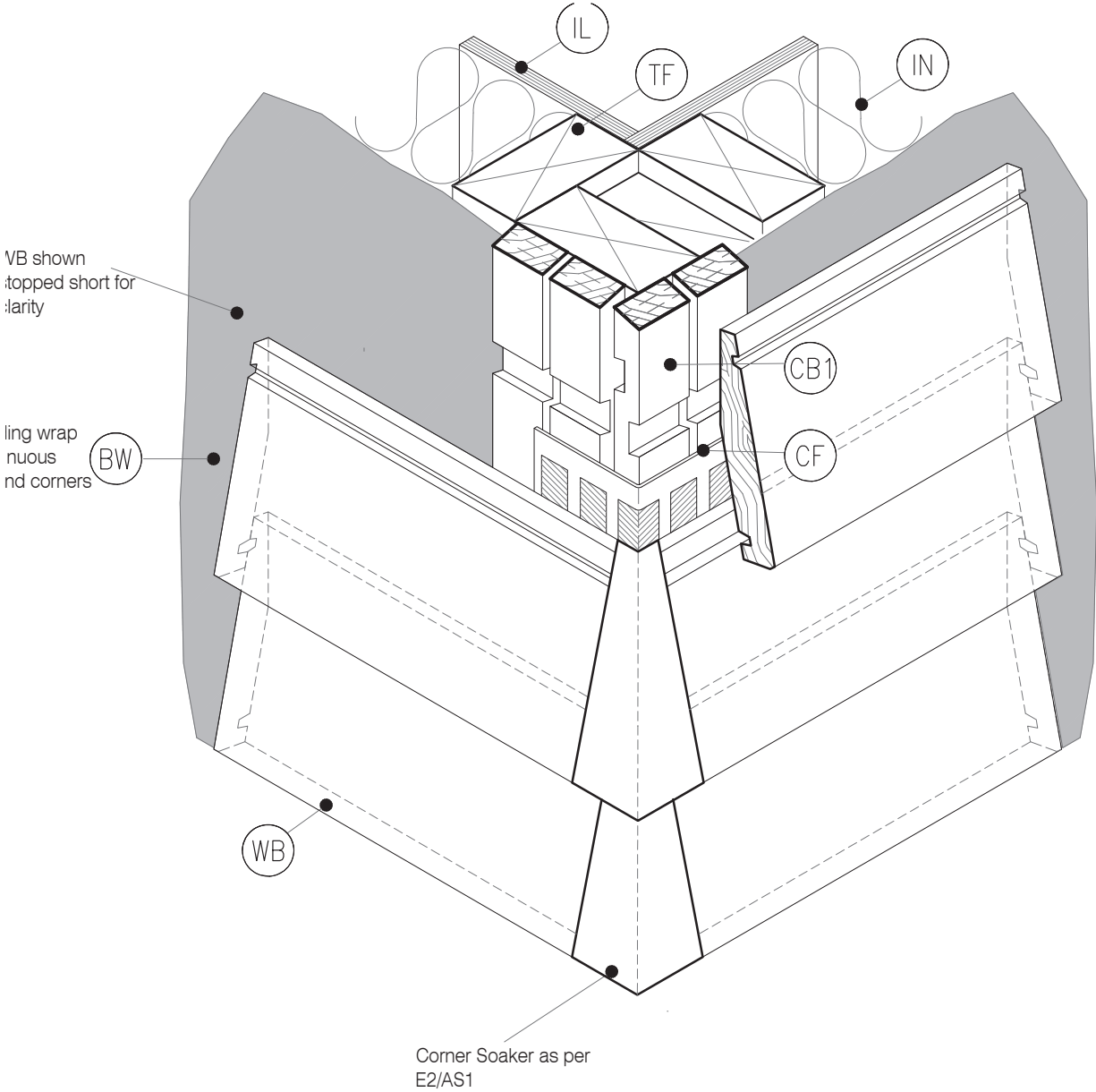
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LEGEND :

- (BW) BUILDING WRAP: Flexible Wall Underlay, As per NZBC E2/AS1 - Table 23. In extra high wind zones, Rigid Underlay required ( 9.1.7.2 E2/AS1 )
- (CB1) CAVITY BATTEN - NON STRUCTURAL : Vertically installed JSC-U 45mm x 20mm Radiata Pine H3.2 treated, both face castellated and 18° bevelled edges. Site machined to allow for flashing.
- (WB) WEATHERBOARD: Selected JSC Bevel Back Weatherboard

- (CF) CORNER FLASHING: Aluminium, PVC or Stainless Steel corner flashing. Refer NZBC E2/AS1 Section 4.3 'Acceptable flashing materials' Minimum Flashing Size (mm) as per NZBC E2/AS1 Section 4.5.1:
- | FLASHING TYPE | L,M,H & VH Wind Zones | EH Wind Zones |
|---------------|-----------------------|---------------|
| Hemmed        | 50X50                 | 75X75         |
| Unhemmed      | 75X75                 | 100X100       |

- (FT3) FLEXIBLE FLASHING TAPE: Flexible flashing tape lapped into corner, Refer NZBC E2/AS1 4.3.11 Flashing tape is recommended due to movement that may occur in corners. Not required by E2/AS1
- (IL) INTERNAL LINING: Selected Internal Lining
- (IN) INSULATION: Selected Insulation
- (TF) TIMBER FRAME: H1.2 min treated timber framing



TYPE  
BEVEL BACK WB - 20MM CAVITY FIX

NAME  
3D - External Corner - Soaker

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

CodeMark  
CMNZ30082

DRAWING SCALE  
1:2 @ A4

ISSUE DATE  
24/02/2025

DRAWING NUMBER  
JSC 20CF BC53

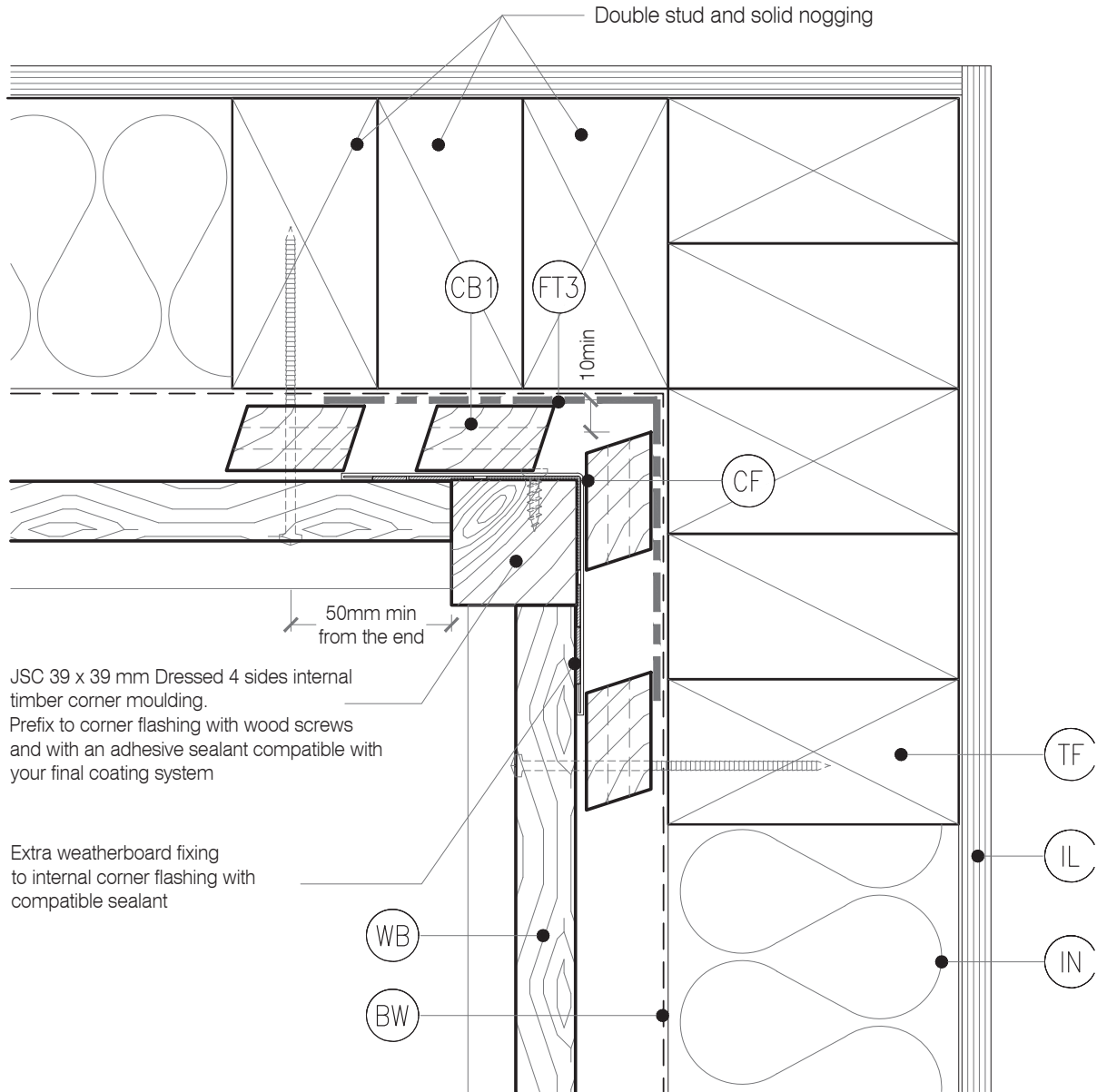
VERSION  
2.5

## LEGEND :

- (BW) BUILDING WRAP: Flexible Wall Underlay, As per NZBC E2/AS1 - Table 23, In extra high wind zones, Rigid Underlay required ( 9.1.7.2 E2/AS1 )
- (CB1) CAVITY BATTEN - NON STRUCTURAL : Vertically installed JSC-U 45mm x 20mm Radiata Pine H3.2 treated, both face castellated and 18° bevelled edges. Site machined to allow for flashing.
- (WB) WEATHERBOARD: Selected JSC Bevel Back Weatherboard

- (CF) CORNER FLASHING: Aluminium, PVC or Stainless Steel corner flashing. Refer NZBC E2/AS1 Section 4.3 "Acceptable flashing materials" Minimum Flashing Size (mm) as per NZBC E2/AS1 Section 4.5.1:
- | FLASHING TYPE | L,M,H & VH Wind Zones | EH Wind Zones |
|---------------|-----------------------|---------------|
| Hemmed        | 50X50                 | 75X75         |
| Unhemmed      | 75x75                 | 100x100       |

- (FT3) FLEXIBLE FLASHING TAPE: Flexible flashing tape lapped into corner, Refer NZBC E2/AS1 4.3.11 Flashing tape is recommended due to movement that may occur in corners. Not required by E2/AS1
- (IL) INTERNAL LINING: Selected Internal Lining
- (IN) INSULATION: Selected Insulation
- (TF) TIMBER FRAME: H1.2 min treated timber framing



## 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.

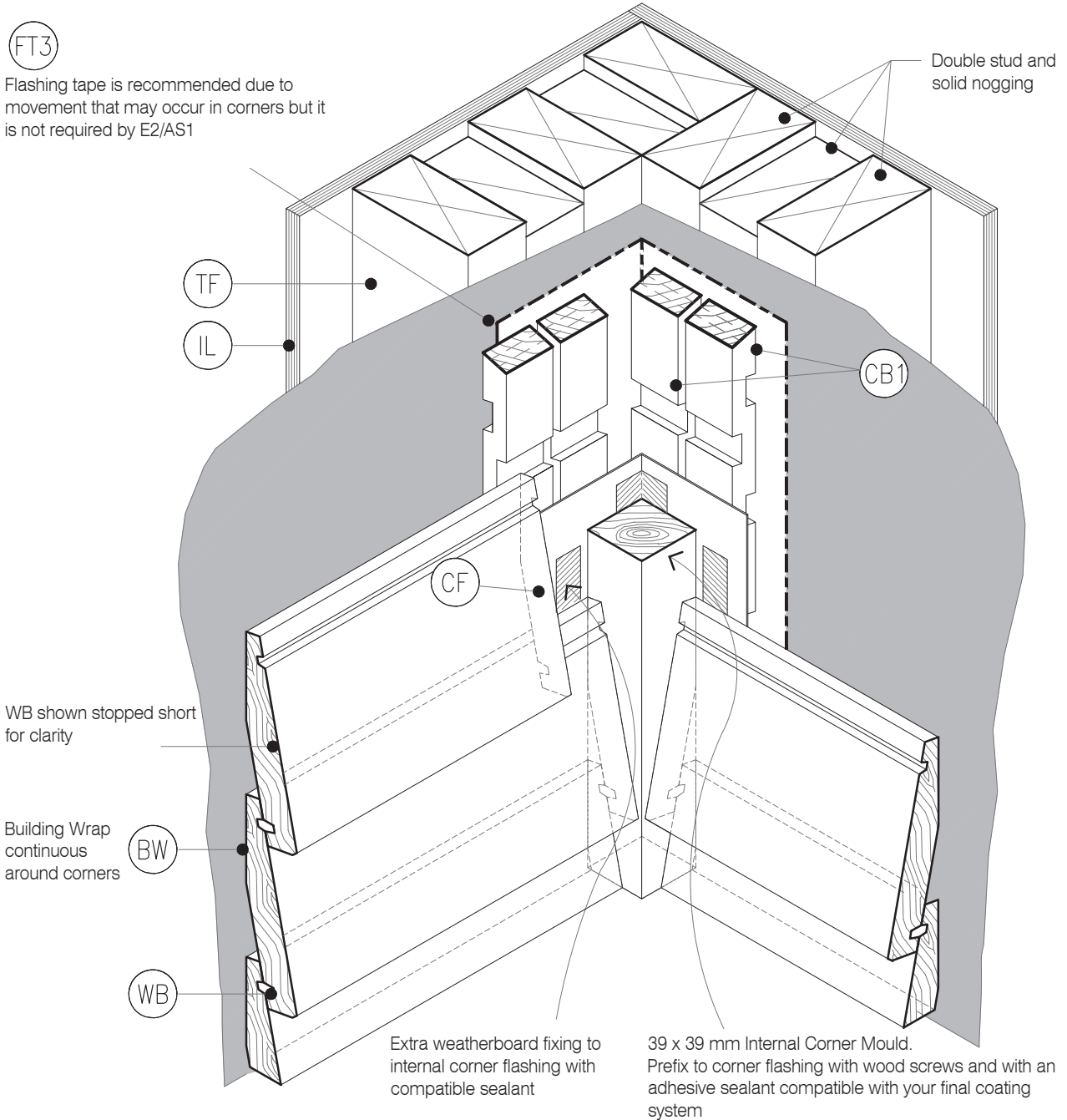
## LEGEND:

- (BW)** BUILDING WRAP: Flexible Wall Underlay, As per NZBC E2/AS1 - Table 23, In extra high wind zones, Rigid Underlay required ( 9.1.7.2 E2/AS1 )
- (CB1)** CAVITY BATTEN - NON STRUCTURAL : Vertically installed JSC-U 45mm x 20mm Radiata Pine H3.2 treated, both face castellated and 18° bevelled edges. Site machined to allow for flashing.
- (WB)** WEATHERBOARD: Selected JSC Bevel Back Weatherboard

- (CF)** CORNER FLASHING: Aluminium, PVC or Stainless Steel corner flashing. Refer NZBC E2/AS1 Section 4.3 "Acceptable flashing materials" Minimum Flashing Size (mm) as per NZBC E2/AS1 Section 4.5.1:
- | FLASHING TYPE | L,M,H & VH Wind Zones | EH Wind Zones |
|---------------|-----------------------|---------------|
| Hemmed        | 50X50                 | 75X75         |
| Unhemmed      | 75x75                 | 100x100       |

- (FT3)** FLEXIBLE FLASHING TAPE: Flexible flashing tape lapped into corner, Refer NZBC E2/AS1 4.3.11 Flashing tape is recommended due to movement that may occur in corners. Not required by E2/AS1
- (IL)** INTERNAL LINING: Selected Internal Lining
- (IN)** INSULATION: Selected Insulation
- (TF)** TIMBER FRAME: H1.2 min treated timber framing

**(FT3)**  
Flashing tape is recommended due to movement that may occur in corners but it is not required by E2/AS1

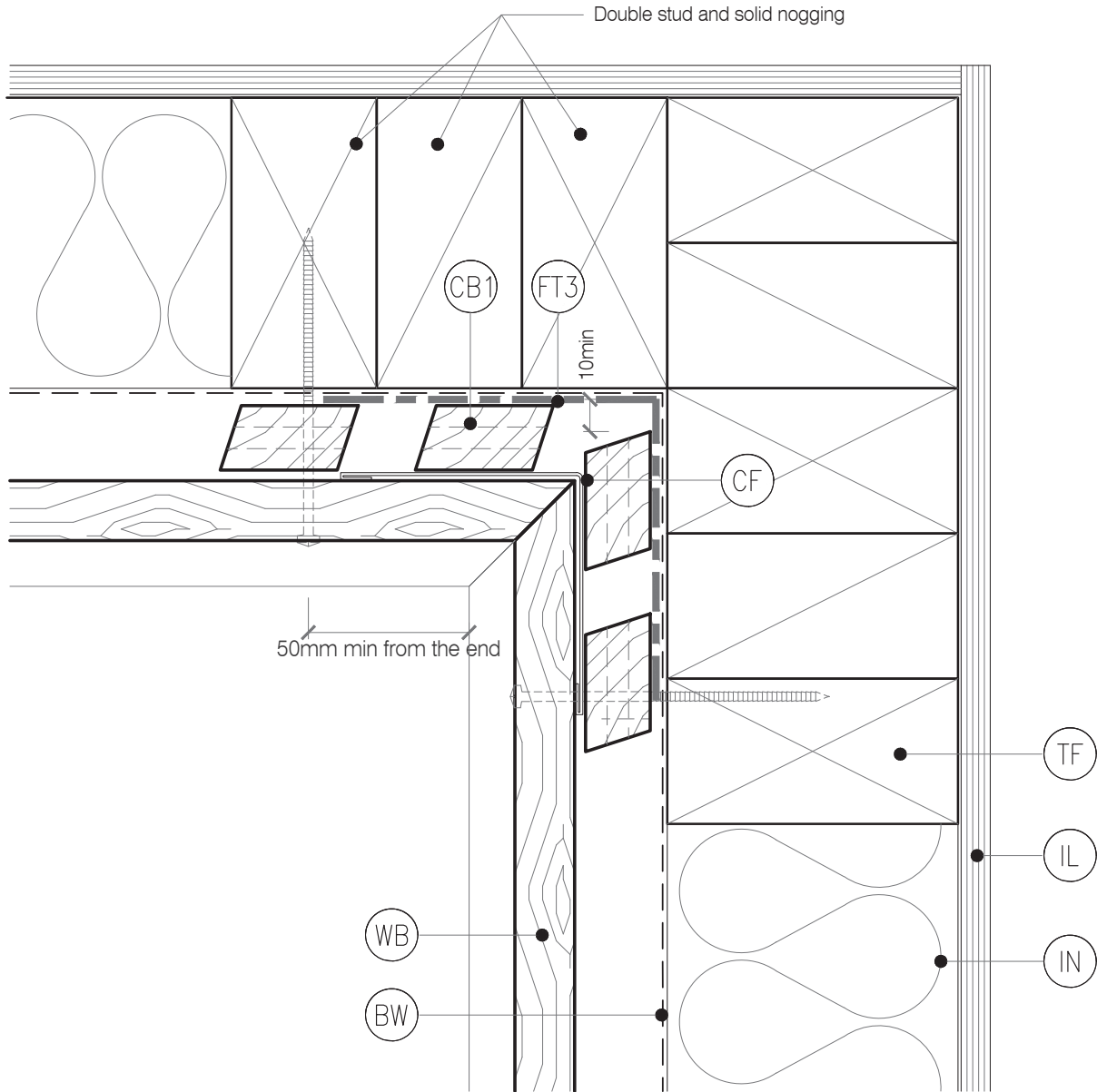


## LEGEND :

- (BW) BUILDING WRAP: Flexible Wall Underlay, As per NZBC E2/AS1 - Table 23, in extra high wind zones, Rigid Underlay required ( 9.1.7.2 E2/AS1 )
- (CB1) CAVITY BATTEN - NON STRUCTURAL : Vertically installed JSC-U 45mm x 20mm Radiata Pine H3.2 treated, both face castellated and 18° bevelled edges. Site machined to allow for flashing.
- (WB) WEATHERBOARD: Selected JSC Bevel Back Weatherboard

- (CF) CORNER FLASHING: Aluminium, PVC or Stainless Steel corner flashing. Refer NZBC E2/AS1 Section 4.3 "Acceptable flashing materials" Minimum Flashing Size (mm) as per NZBC E2/AS1 Section 4.5.1:
- | FLASHING TYPE | L,M,H & VH Wind Zones | EH Wind Zones |
|---------------|-----------------------|---------------|
| Hemmed        | 50x50                 | 75x75         |
| Unhemmed      | 75x75                 | 100x100       |

- (FT3) FLEXIBLE FLASHING TAPE: Flexible flashing tape lapped into corner, Refer NZBC E2/AS1 4.3.11 Flashing tape is recommended due to movement that may occur in corners. Not required by E2/AS1
- (IL) INTERNAL LINING: Selected Internal Lining
- (IN) INSULATION: Selected Insulation
- (TF) TIMBER FRAME: H1.2 min treated timber framing



## 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.



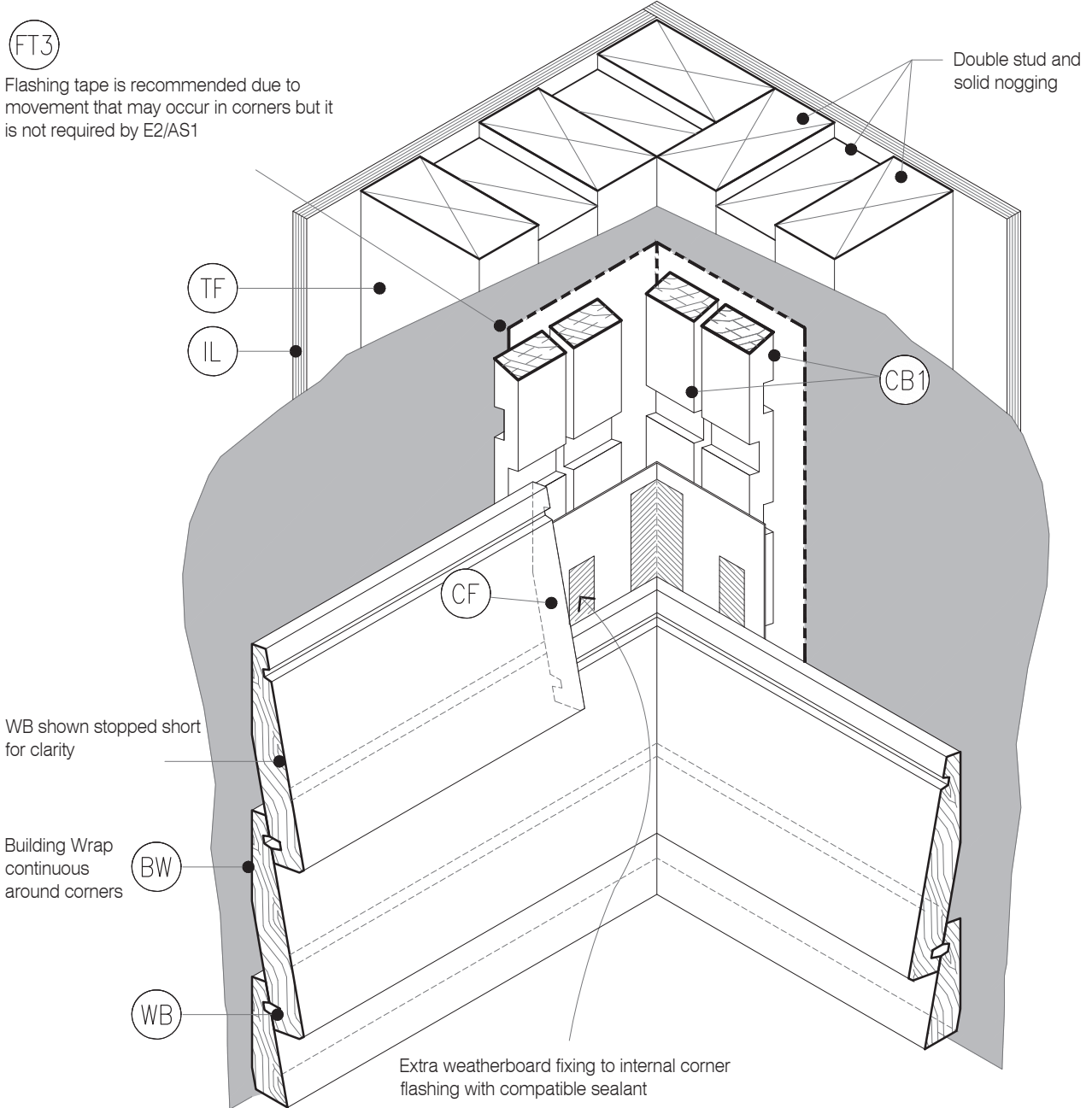
## LEGEND :

- (BW) BUILDING WRAP: Flexible Wall Underlay, As per NZBC E2/AS1 - Table 23, in extra high wind zones, Rigid Underlay required ( 9.1.7.2 E2/AS1 )
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- (WB) WEATHERBOARD: Selected JSC Bevel Back Weatherboard

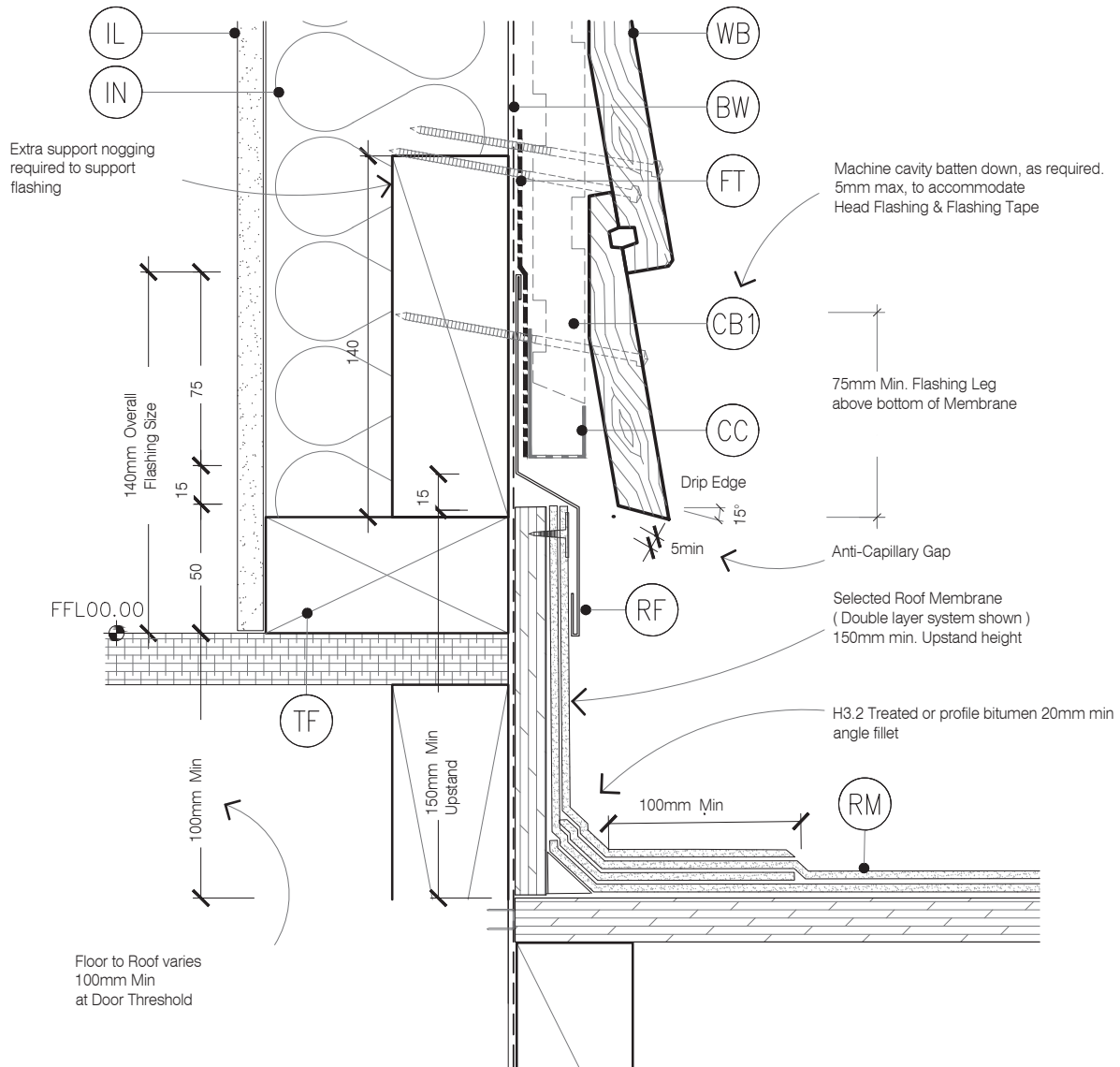
- (CF) CORNER FLASHING: Aluminium, PVC or Stainless Steel corner flashing. Refer NZBC E2/AS1 Section 4.3 "Acceptable flashing materials" Minimum Flashing Size (mm) as per NZBC E2/AS1 Section 4.5.1:
- | FLASHING TYPE | L,M,H & VH Wind Zones | EH Wind Zones |
|---------------|-----------------------|---------------|
| Hemmed        | 50X50                 | 75X75         |
| Unhemmed      | 75x75                 | 100x100       |

- (FT3) FLEXIBLE FLASHING TAPE: Flexible flashing tape lapped into corner, Refer NZBC E2/AS1 4.3.11 Flashing tape is recommended due to movement that may occur in corners. Not required by E2/AS1
- (IL) INTERNAL LINING: Selected Internal Lining
- (IN) INSULATION: Selected Insulation
- (TF) TIMBER FRAME: H1.2 min treated timber framing

(FT3)  
Flashing tape is recommended due to movement that may occur in corners but it is not required by E2/AS1

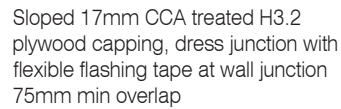


- (PB)** PLYWOOD BACKING: 17mm CCA treated H3.2 grade plywood substrate
- (RM)** ROOFING MEMBRANE: Selected System on 17mm CCA treated H3.2 grade plywood glued and screwed to Rafters. Roof Membrane requires 400mm solid block support each way & solid support to all sheet edges
- (TF)** TIMBER FRAME: H1.2 min treated timber framing
- (WB)** WEATHERBOARD: Selected JSC Bevel Back Weatherboard



LEGEND:

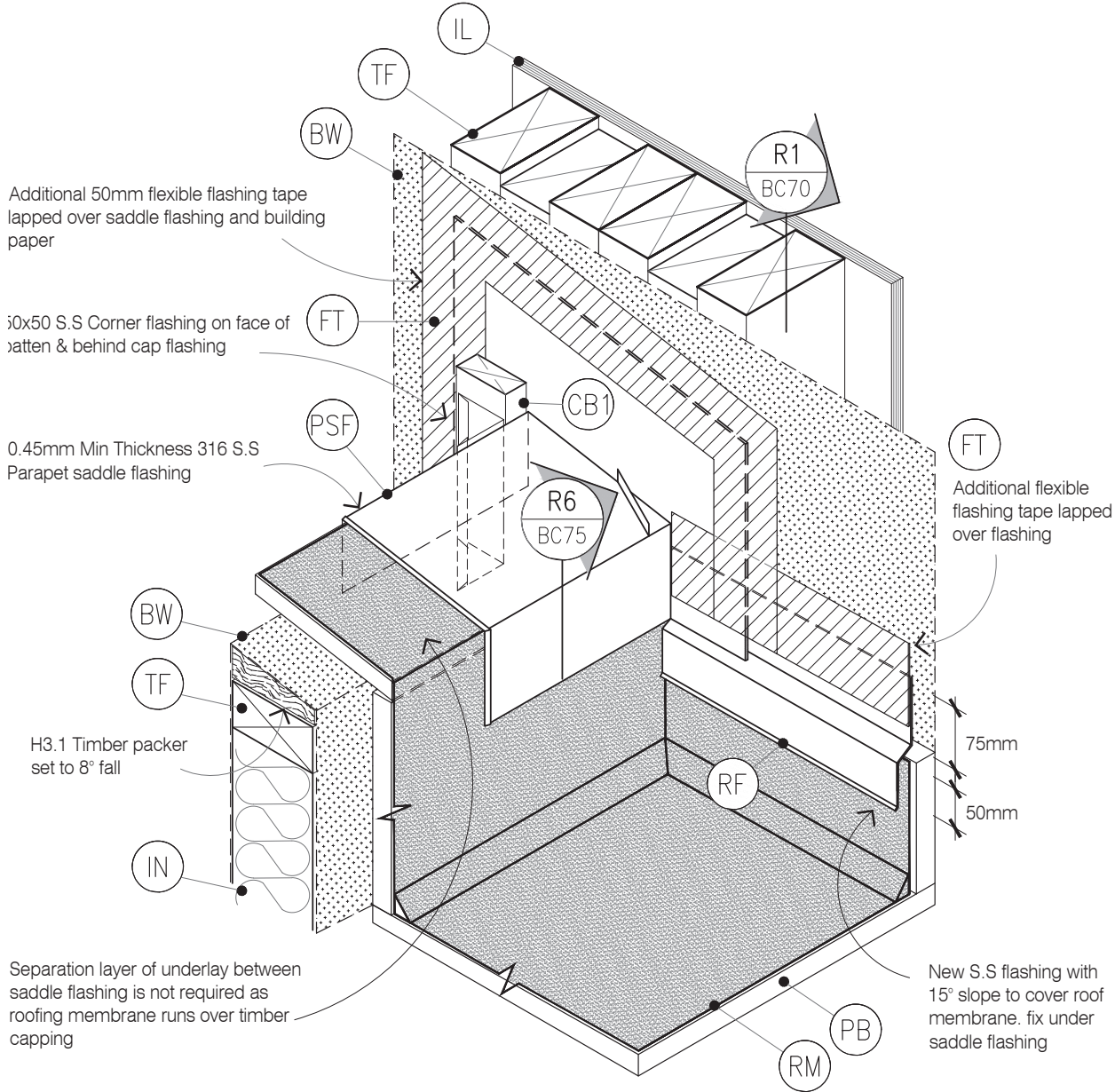
- (PB)** PLYWOOD BACKING: 17mm CCA treated H3.2 grade plywood substrate
- (RM)** ROOFING MEMBRANE: Selected System on 17mm CCA treated H3.2 grade plywood glued and screwed to Rafters. Roof Membrane requires 400mm solid block support each way & solid support to all sheet edges
- (TF)** TIMBER FRAME: H1.2 min treated timber framing
- (WB)** WEATHERBOARD: Selected JSC Bevel Back Weatherboard



## STAGE ONE

# LEGEND:

|                                                                                                                                                                                                    |                                                                                                                                                                                                                |                                                                                                                                                                                                                 |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>(BW)</b> BUILDING WRAP: Flexible Wall Underlay, As per NZBC E2/AS1 - Table 23, In extra high wind zones, Rigid Underlay required ( 9.1.7.2 E2/AS1 )                                             | <b>(FT)</b> FLASHING TAPE: As per E2/AS1 4.3.11                                                                                                                                                                | <b>(PB)</b> PLYWOOD BACKING: 17mm CCA treated H3.2 grade plywood substrate                                                                                                                                      |
| <b>(CB1)</b> CAVITY BATTEN - NON STRUCTURAL : Vertically installed JSC-U 45mm x 20mm Radiata Pine H3.2 treated, both face castellated and 18° bevelled edges. Site machined to allow for flashing. | <b>(IL)</b> INTERNAL LINING: Selected Internal Lining                                                                                                                                                          | <b>(RM)</b> 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 |
| <b>(CC)</b> CAVITY CLOSURE: Cavity closure strip, positioned to give a 15mm Min drip edge to cladding                                                                                              | <b>(IN)</b> INSULATION: Selected Insulation                                                                                                                                                                    | <b>(TF)</b> TIMBER FRAME: H1.2 min treated timber framing                                                                                                                                                       |
| <b>(CF)</b> CAP FLASHING: Continuous parapet flashing. Materials as per E2/AS1 4.3 + Figure 9 & Table 7                                                                                            | <b>(PSF)</b> 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 | <b>(WB)</b> WEATHERBOARD: Selected JSC Bevel Back Weatherboard                                                                                                                                                  |



## STAGE TWO

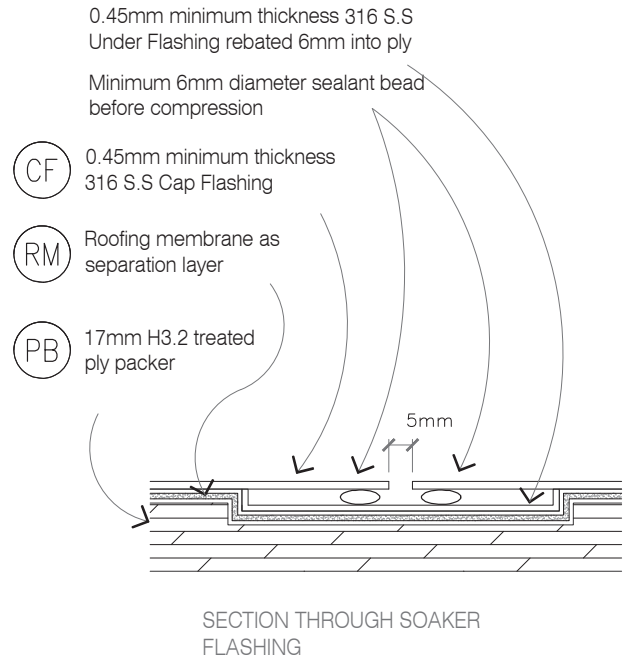
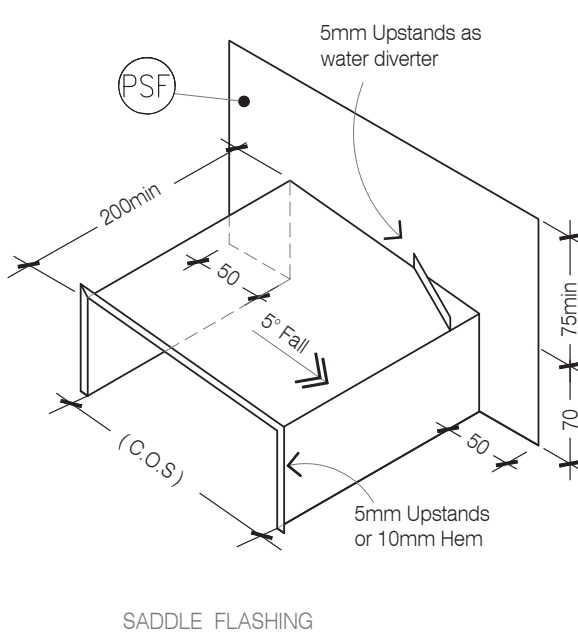
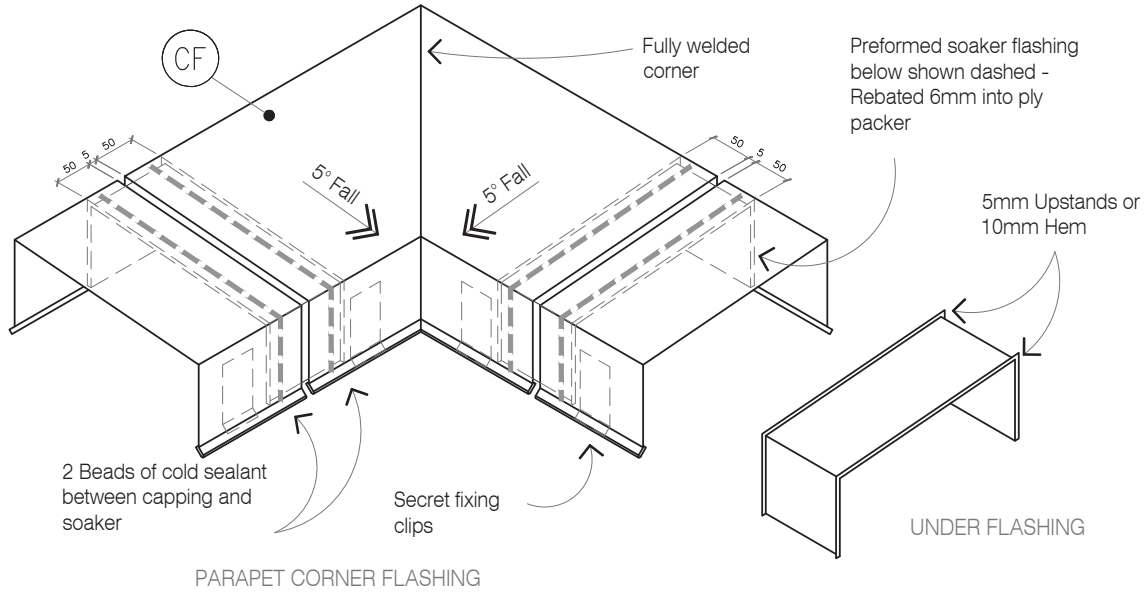
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- This technical diagram illustrates a roof corner flashing detail. The assembly includes the following components and specifications:
- IL**: Insulation layer at the top edge.
  - TF**: Timber flashing at the top edge.
  - BW**: Battens at the top edge.
  - CB1**: Cap batten at the top edge.
  - R1 BC70**: Roofing material at the top edge.
  - WB**: Weatherboard at the top edge.
  - Under cap flashing**: Located beneath the cap flashing.
  - PSF**: Profile cut slot in weatherboards, for cap flashing.
  - CF**: Cap flashing at the top edge.
  - BW**: Battens at the top edge.
  - TF**: Timber flashing at the top edge.
  - H3.1 Timber packer set to 8° fall**: Timber packer at the top edge.
  - IN**: Insulation at the top edge.
  - R6 BC75**: Roofing material at the top edge.
  - 15mm**: Gap between the cap flashing and the roofing material.
  - 75mm**: Gap between the cap flashing and the roofing material.
  - Profile cut slot in weatherboards, for cap flashing**: Located in the weatherboard.
  - 50x50 S.S. Corner flashing on face of batten & behind cap flashing**: Corner flashing at the top edge.
  - Provide 10mm gap between cladding & flashing**: Gap between the cladding and the flashing.
  - H3.2 Treated or profile bitumen 20mm min angle fillet**: Fillet at the top edge.
  - PB**: Profile bitumen at the top edge.
  - RM**: Roofing material at the top edge.



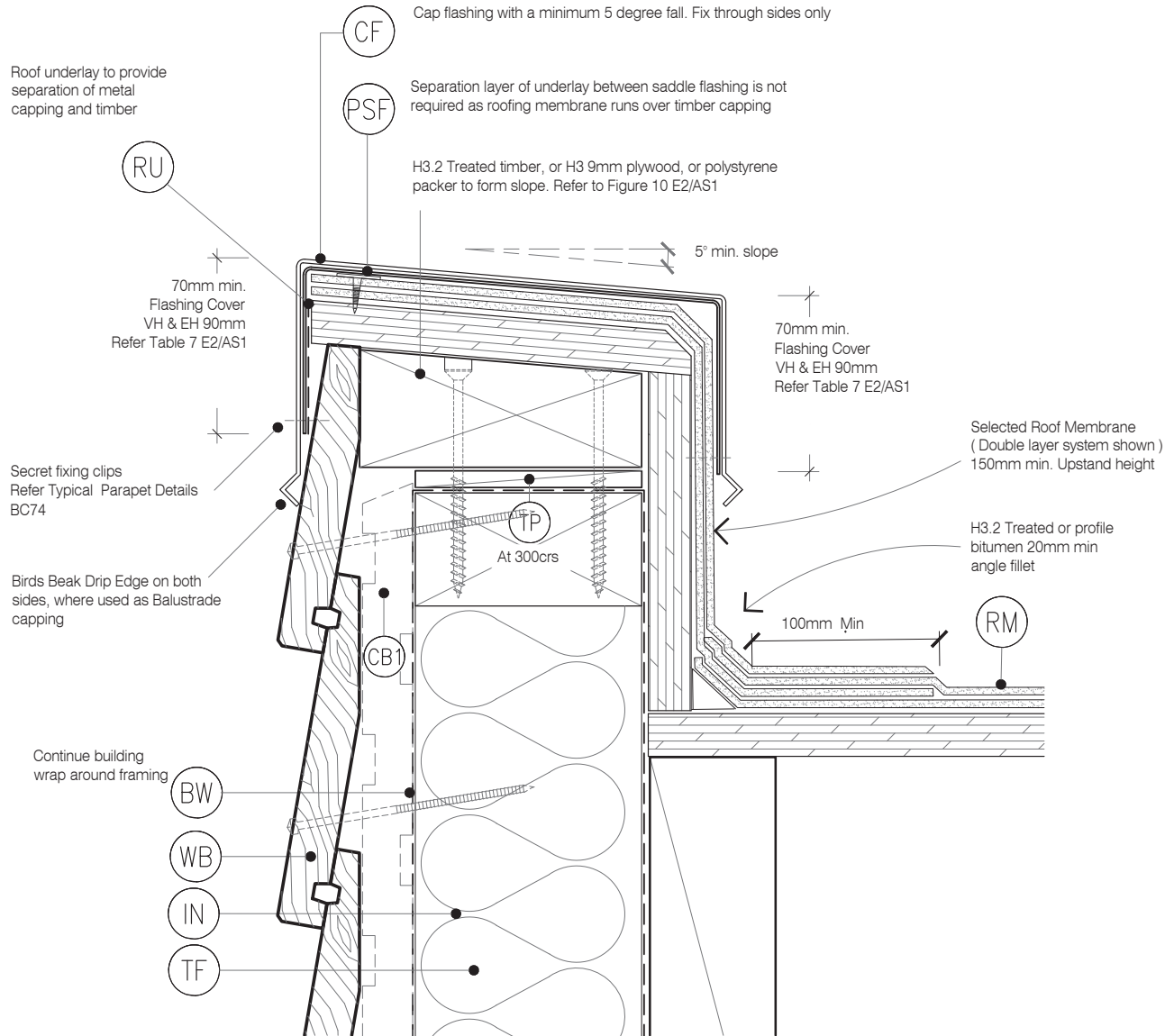
# LEGEND:

|                                                                                                                                                                                                    |                                                                                                                                                                                                                |                                                                                                                                                                                                                 |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>(BW)</b> BUILDING WRAP: Flexible Wall Underlay, As per NZBC E2/AS1 - Table 23, In extra high wind zones, Rigid Underlay required ( 9.1.7.2 E2/AS1 )                                             | <b>(FT)</b> FLASHING TAPE: As per E2/AS1 4.3.11                                                                                                                                                                | <b>(PB)</b> PLYWOOD BACKING: 17mm CCA treated H3.2 grade plywood substrate                                                                                                                                      |
| <b>(CB1)</b> CAVITY BATTEN - NON STRUCTURAL : Vertically installed JSC-U 45mm x 20mm Radiata Pine H3.2 treated, both face castellated and 18° bevelled edges. Site machined to allow for flashing. | <b>(IL)</b> INTERNAL LINING: Selected Internal Lining                                                                                                                                                          | <b>(RM)</b> 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 |
| <b>(CC)</b> CAVITY CLOSURE: Cavity closure strip, positioned to give a 15mm Min drip edge to cladding                                                                                              | <b>(IN)</b> INSULATION: Selected Insulation                                                                                                                                                                    | <b>(TF)</b> TIMBER FRAME: H1.2 min treated timber framing                                                                                                                                                       |
| <b>(CF)</b> CAP FLASHING: Continuous parapet flashing. Materials as per E2/AS1 4.3 + Figure 9 & Table 7                                                                                            | <b>(PSF)</b> 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 | <b>(WB)</b> WEATHERBOARD: Selected JSC Bevel Back Weatherboard                                                                                                                                                  |



**LEGEND:**

|                                                                                                                                                                                                    |                                                                                                                                                                                                                |                                                                                                                                                                                                                 |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>(BW)</b> BUILDING WRAP: Flexible Wall Underlay, As per NZBC E2/AS1 - Table 23, In extra high wind zones, Rigid Underlay required ( 9.1.7.2 E2/AS1 )                                             | <b>(FT)</b> FLASHING TAPE: As per E2/AS1 4.3.11                                                                                                                                                                | <b>(PB)</b> PLYWOOD BACKING: 17mm CCA treated H3.2 grade plywood substrate                                                                                                                                      |
| <b>(CB1)</b> CAVITY BATTEN - NON STRUCTURAL : Vertically installed JSC-U 45mm x 20mm Radiata Pine H3.2 treated, both face castellated and 18° bevelled edges. Site machined to allow for flashing. | <b>(IL)</b> INTERNAL LINING: Selected Internal Lining                                                                                                                                                          | <b>(RM)</b> 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 |
| <b>(CC)</b> CAVITY CLOSURE: Cavity closure strip, positioned to give a 15mm Min drip edge to cladding                                                                                              | <b>(IN)</b> INSULATION: Selected Insulation                                                                                                                                                                    | <b>(TF)</b> TIMBER FRAME: H1.2 min treated timber framing                                                                                                                                                       |
| <b>(CF)</b> CAP FLASHING: Continuous parapet flashing. Materials as per E2/AS1 4.3 + Figure 9 & Table 7                                                                                            | <b>(PSF)</b> 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 | <b>(WB)</b> WEATHERBOARD: Selected JSC Bevel Back Weatherboard                                                                                                                                                  |

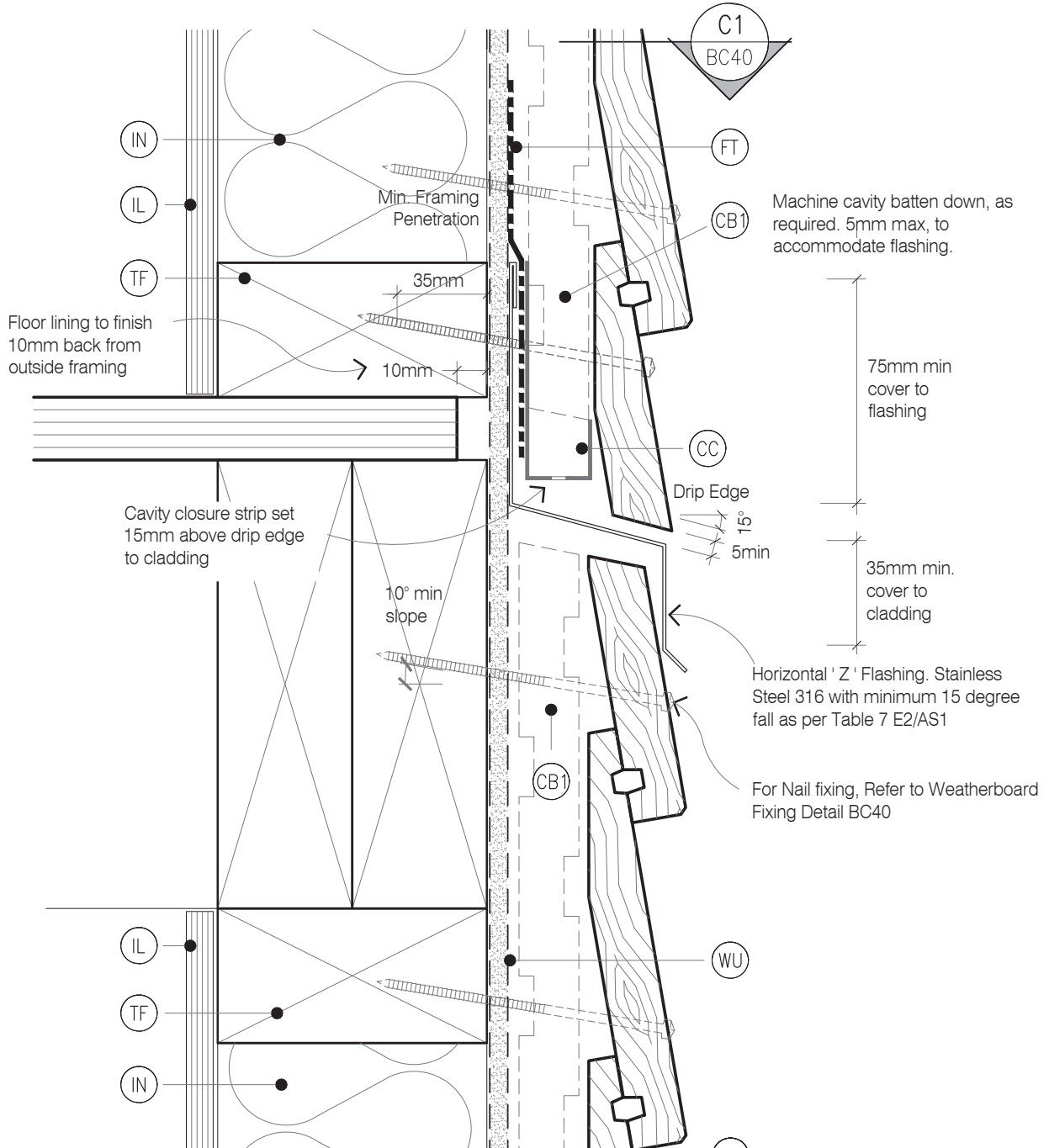


## LEGEND :

- (AF) APRON FLASHING: Materials as per E2/AS1 4.0, Coating to match roofing material or refer E2/AS1 Table 21. Flashing Cover 130mm min. (L,M & H  $\geq$  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 )
- (CB1) CAVITY BATTEN - NON STRUCTURAL : Horizontally installed JSC-U 45mm x 20mm Radiata Pine H3.2 treated, both face castellated and 18° bevelled edges.

- (CC) CAVITY CLOSURE: Cavity closure strip, positioned to give a 15mm Min drip edge to cladding
- (IL) INTERNAL LINING: Selected Internal Lining
- (IN) INSULATION: Selected Insulation
- (HS) HEAD SOFFIT SCRIBER: JSC 27 mm x 40 mm Fix with 75 x 3.15mm 316 S.S nail in 2.5mm predrilled hole
- (MR) METAL ROOFING : Selected Metal Roofing

- (SL) SOFFIT LINING: JSC Soffit Lining
- (TF) TIMBER FRAME: H1.2 min treated timber framing
- (TP) TIMBER PACKER: H3.2 at 300crs to allow ventilation over the top of the wall.
- (RU) ROOFING UNDERLAY: Selected Roofing Underlay As Per AS/AZS4200 with Mesh or Self Supported
- (WB) WEATHERBOARD: Selected JSC Bevel Back Weatherboard



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- WB
- WU
- Machine cavity batten down, as required. 5mm max, to accommodate Head Flashing & Flashing Tape
- Building underlay lapped over flashing
- 35min
- Extra Support Noggings required to support flashing
- CC
- 15° Drip Edge
- Flashing Cover 130mm min. (L, M & H  $\geq 10^\circ$ )  
All others 200mm Refer Table 7 E2/AS1
- 75mm Min. Flashing Leg above bottom of Cladding
- 35mm above Flashing
- Stop end to Roofing
- 5mm Max
- RU
- Roofing Underlay, continued up behind Flashing
- IN
- IL
- TF
- Roof Fixings as per manufacturers Recommendations
- Roof Purlins Sized as per NZS 3604
- AF
- MR
- Apron Flashing dressed down or notch, finish 5mm max, clear of trough

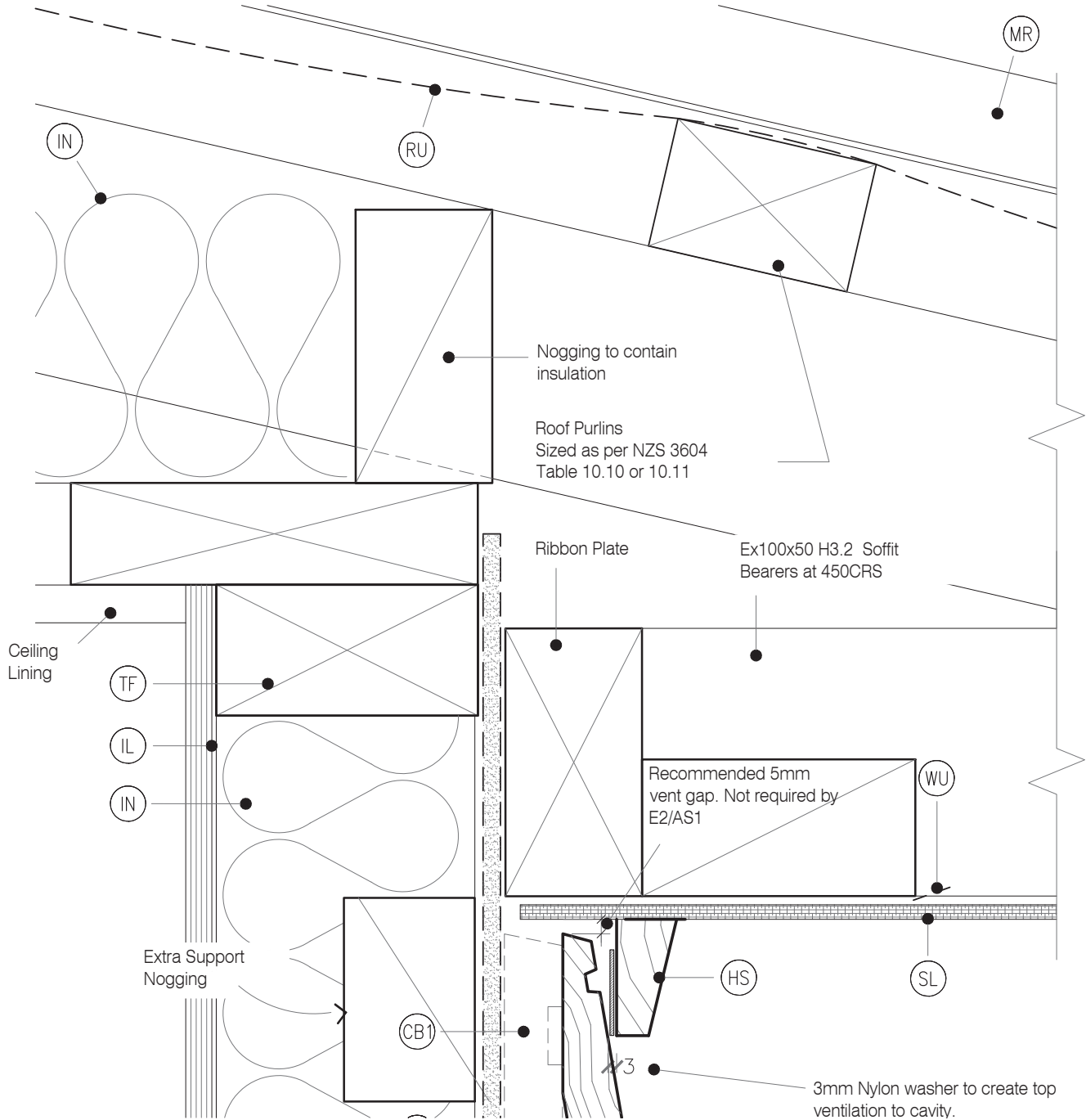


## LEGEND :

- (AF) APRON FLASHING: Materials as per E2/AS1 4.0, Coating to match roofing material or refer E2/AS1 Table 21. Flashing Cover 130mm min. ( L,M & H  $\geq$  10° ) All others 200mm Refer Table 7 E2/AS1
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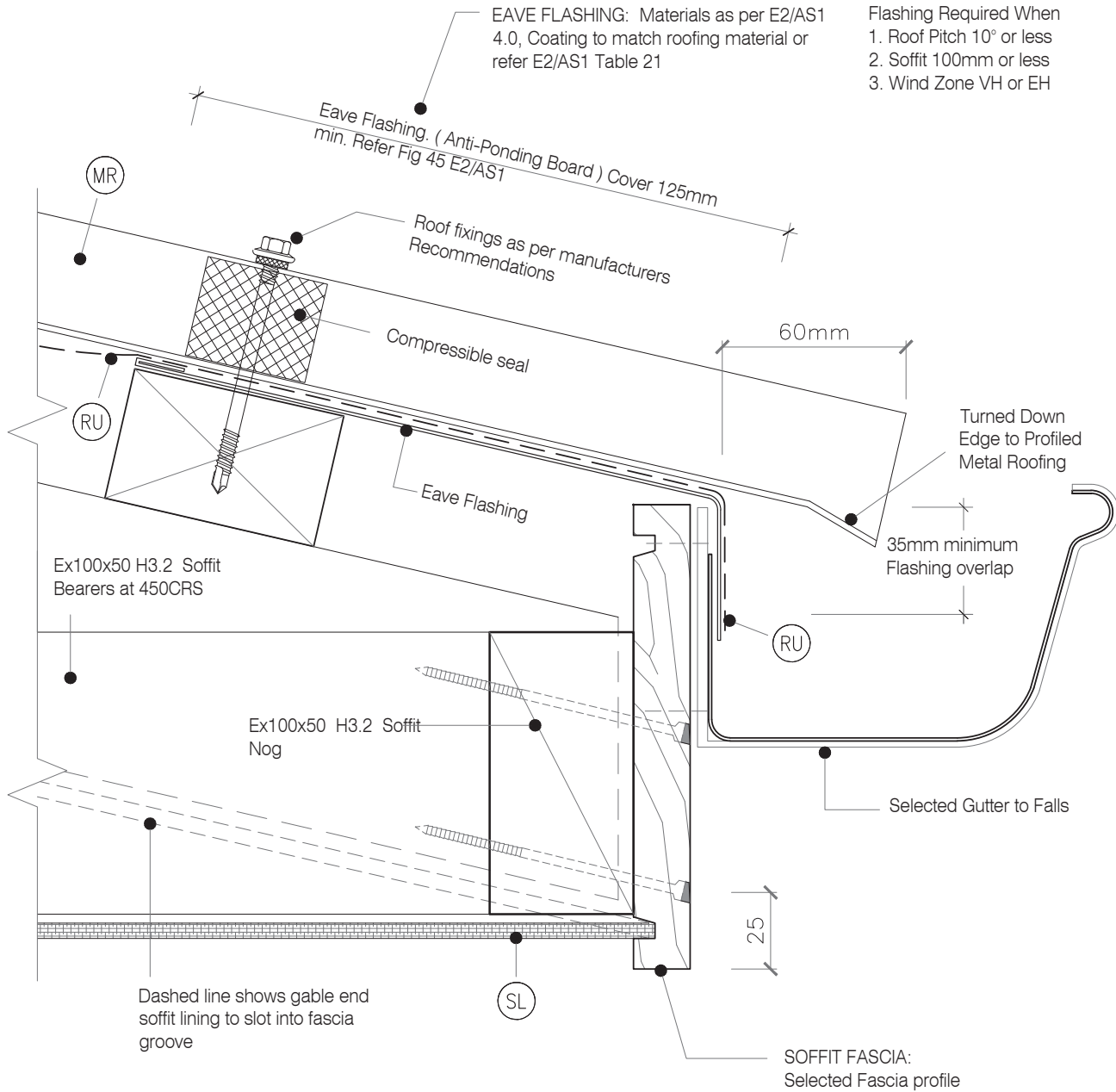
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- (IL) INTERNAL LINING: Selected Internal Lining
- (IN) INSULATION: Selected Insulation
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- (SL) SOFFIT LINING: JSC Soffit Lining
- (TF) TIMBER FRAME: H1.2 min treated timber framing
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- (RU) ROOFING UNDERLAY: Selected Roofing Underlay As Per AS/AZS4200 with Mesh or Self Supported
- (WB) WEATHERBOARD: Selected JSC Bevel Back Weatherboard



## LEGEND :

|       |                                                                                                                                                                                                      |      |                                                                                                   |      |                                                                                           |
|-------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|---------------------------------------------------------------------------------------------------|------|-------------------------------------------------------------------------------------------|
| (AF)  | APRON FLASHING: Materials as per E2/AS1 4.0, Coating to match roofing material or refer E2/AS1 Table 21. Flashing Cover 130mm min. ( L,M & H $\geq 10^\circ$ ) All others 200mm Refer Table 7 E2/AS1 | (CC) | CAVITY CLOSURE: Cavity closure strip, positioned to give a 15mm Min drip edge to cladding         | (SL) | SOFFIT LINING: JSC Soffit Lining                                                          |
| (BW)  | BUILDING WRAP: Flexible Wall Underlay, As per NZBC E2/AS1 - Table 23, In extra high wind zones, Ridgid Underlay required ( 9.1.7.2 E2/AS1 )                                                          | (IL) | INTERNAL LINING: Selected Internal Lining                                                         | (TF) | TIMBER FRAME: H1.2 min treated timber framing                                             |
| (CB1) | CAVITY BATTEN - NON STRUCTURAL : Horizontally installed JSC-U 45mm x 20mm Radiata Pine H3.2 treated, both face castellated and 18° bevelled edges.                                                   | (IN) | INSULATION: Selected Insulation                                                                   | (TP) | TIMBER PACKER: H3.2 at 300crs to allow ventilation over the top of the wall.              |
|       |                                                                                                                                                                                                      | (HS) | HEAD SOFFIT SCRIBER: JSC 27 mm x 40 mm Fix with 75 x 3.15mm 316 S.S nail in 2.5mm predrilled hole | (RU) | ROOFING UNDERLAY: Selected Roofing Underlay As Per AS/AZS4200 with Mesh or Self Supported |
|       |                                                                                                                                                                                                      | (MR) | METAL ROOFING : Selected Metal Roofing                                                            | (WB) | WEATHERBOARD: Selected JSC Bevel Back Weatherboard                                        |



Flashing Required When

1. Roof Pitch  $10^\circ$  or less
2. Soffit 100mm or less
3. Wind Zone VH or EH

## LEGEND :

- (AF) APRON FLASHING: Materials as per E2/AS1 4.0, Coating to match roofing material or refer E2/AS1 Table 21. Flashing Cover 130mm min. ( L, M & H  $\geq 10^\circ$  ) All others 200mm Refer Table 7 E2/AS1
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