March 2012

nu-wall®
ALUMINIUM CLADDING

NU-WALL EXTRUDED ALUMINIUM CLADDING

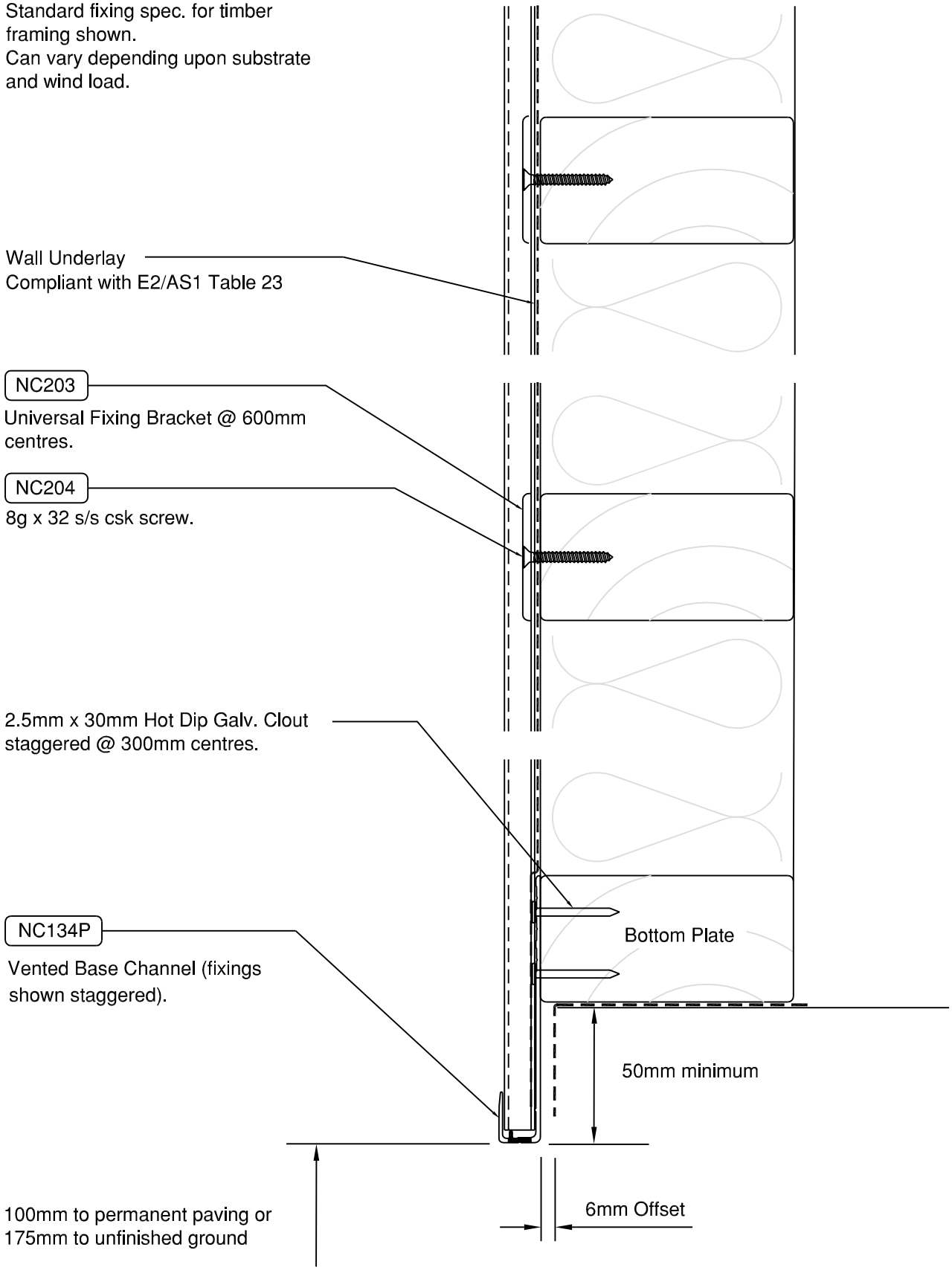
Installation Specifications – Vertical orientation

1. NW-V001; Base channel & fixing detail
2. NW-V002; Base channel over timber floor
3. NW-V003; Base channel over waterproof deck
4. NW-S004; Base channel mitred corner detail
5. NW-V004; Base channel / external 90˚ corner isometric
6. NW-V005; External 90˚ corner
7. NW-V006; Internal 90˚ corner
8. NW-V007; Inter-storey horizontal drainage joint
9. NW-V008; Window sill section
10. NW-S001; Sill flashing stop-end formation
11. NW-V009; Window jamb section
12. NW-V010; Window head section
13. NW-V011; Window head / jamb / sill soaker flashing detailing
14. NW-V012; Window head flashing end detail
15. NW-V013; Meter box sill section
16. NW-V014; Meter box jamb section
17. NW-V015; Meter box head section
18. NW-V016; Soffit trim section
19. NW-V017; Pipe penetration
20. NW-V018; Roof / wall junction
21. NW-V019; Parapet flashing
22. NW-V020; Deck junction
23. NW-V021; Gutter / wall junction

BRANZ Appraised
Appraisal No.556 [2007]

NOTE:

Standard fixing spec. for timber framing shown.
Can vary depending upon substrate and wind load.



NW-V001 - Vertical Cladding ; Direct Fix - Base Channel & Fixing
Scale 1:2

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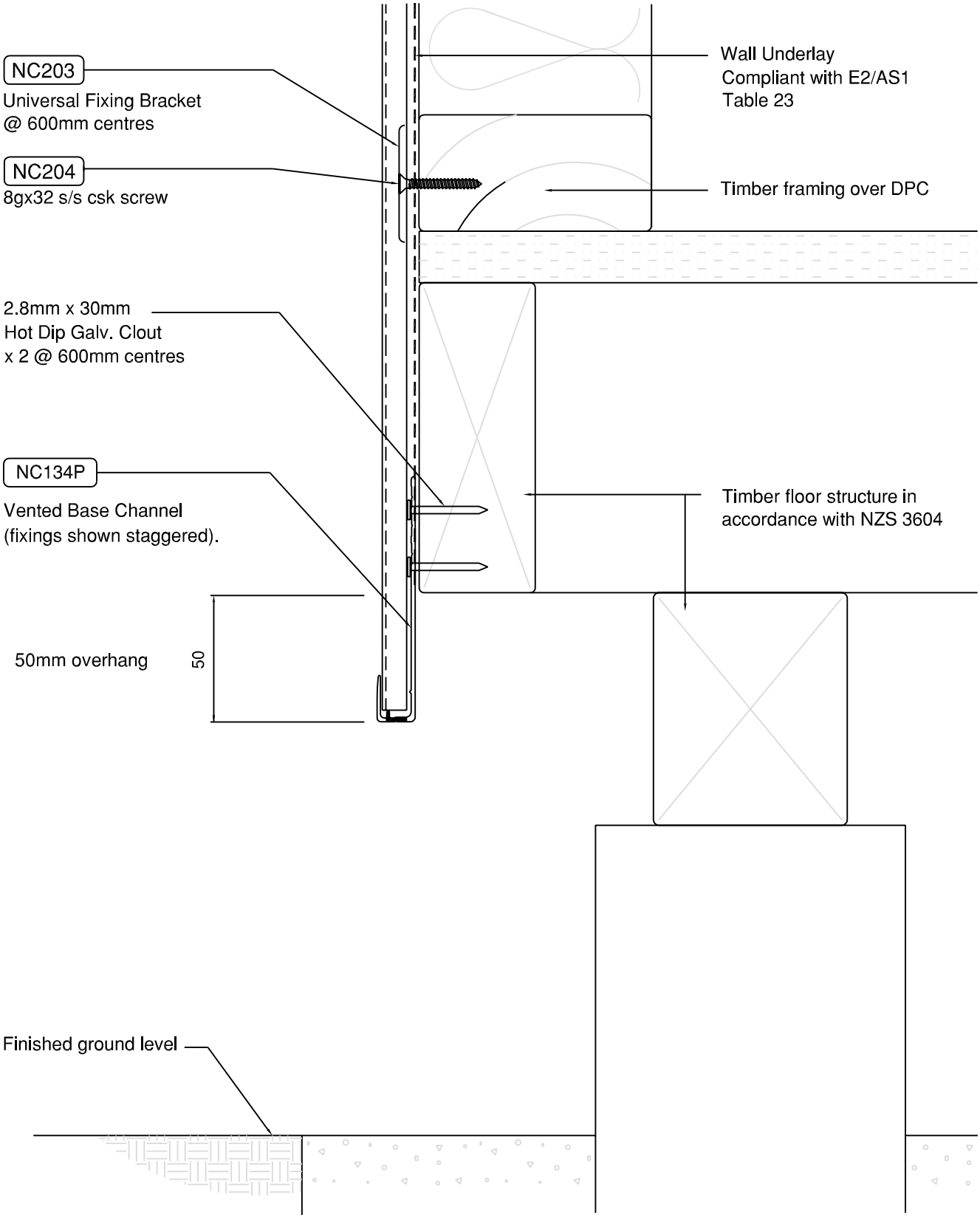

NW-V002 - Vertical Cladding ; Direct Fix - Timber Floor
Scale NTS

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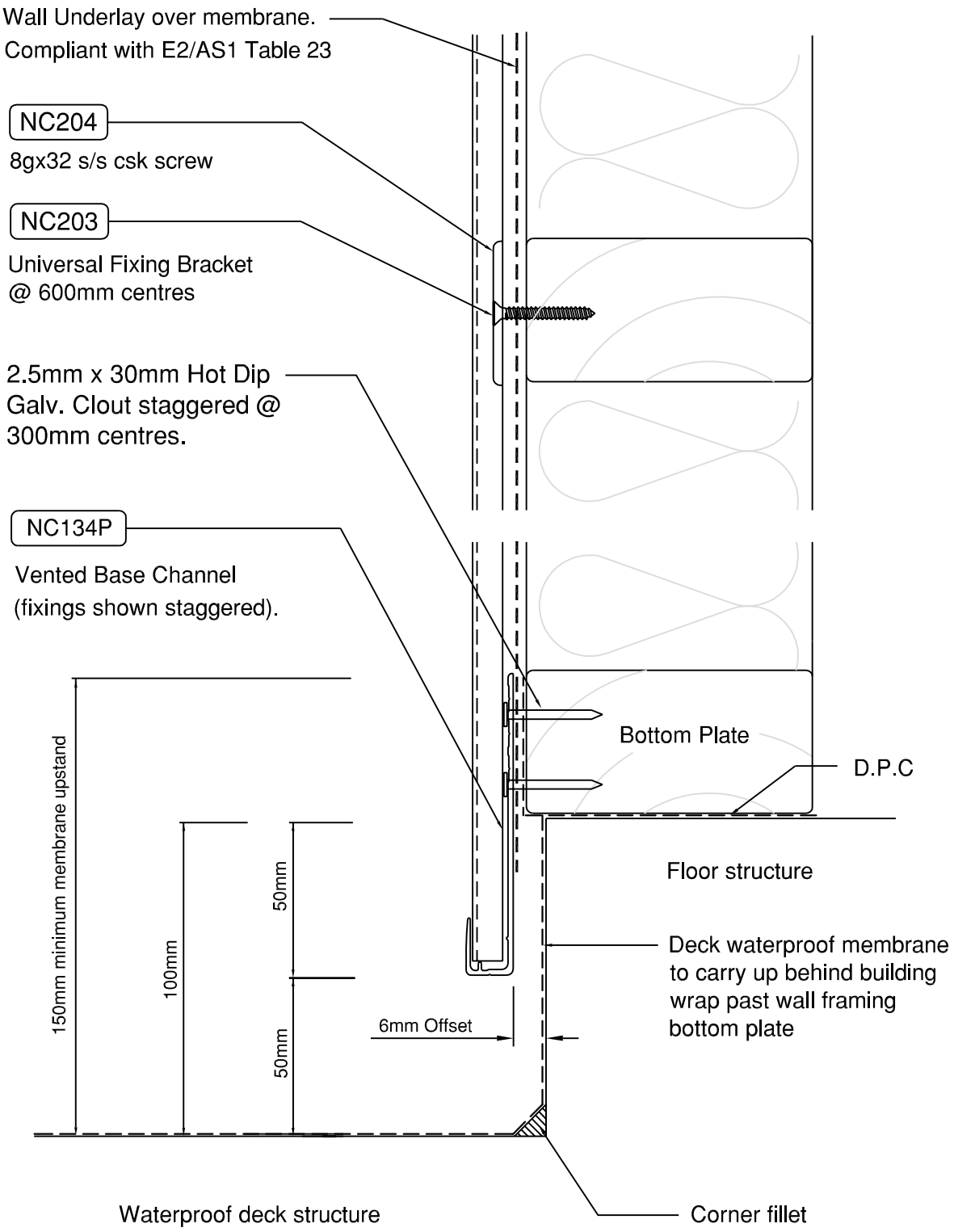

NW-V003 - Vertical Cladding ; Direct Fix - Waterproof Deck
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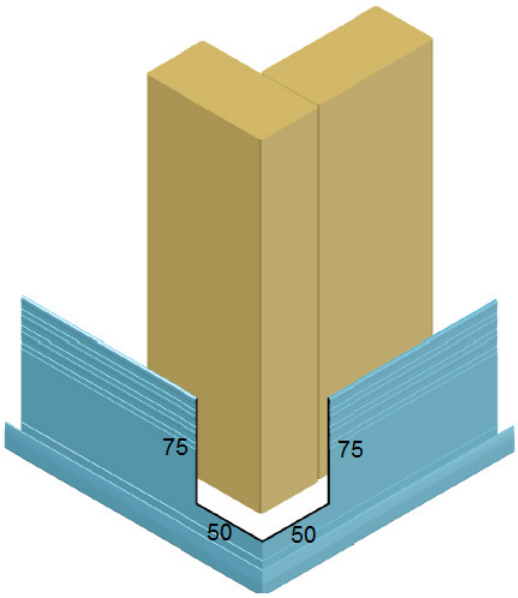
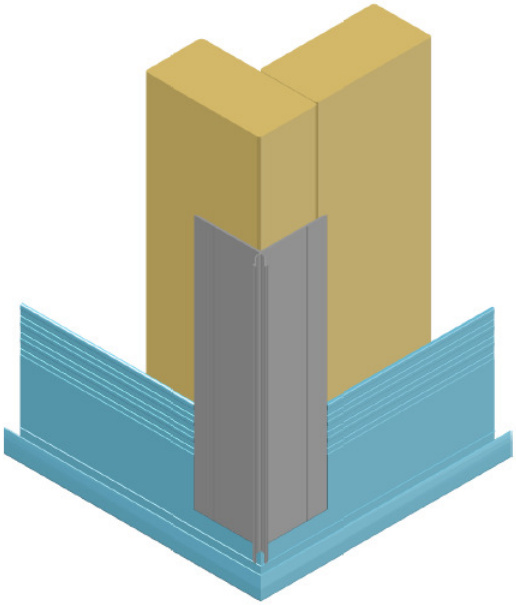
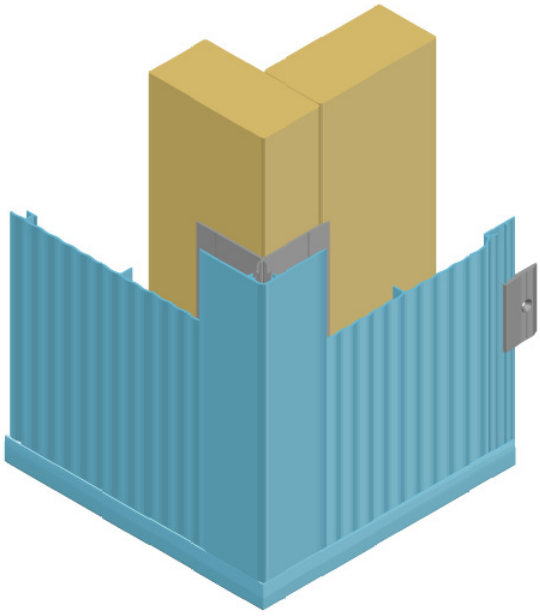
1. Cut ends of NC134 at 45 degrees. Check out rear upstand on both ends; 75mm high x 50mm wide. Fit NC134 to achieve mitred corner as shown.



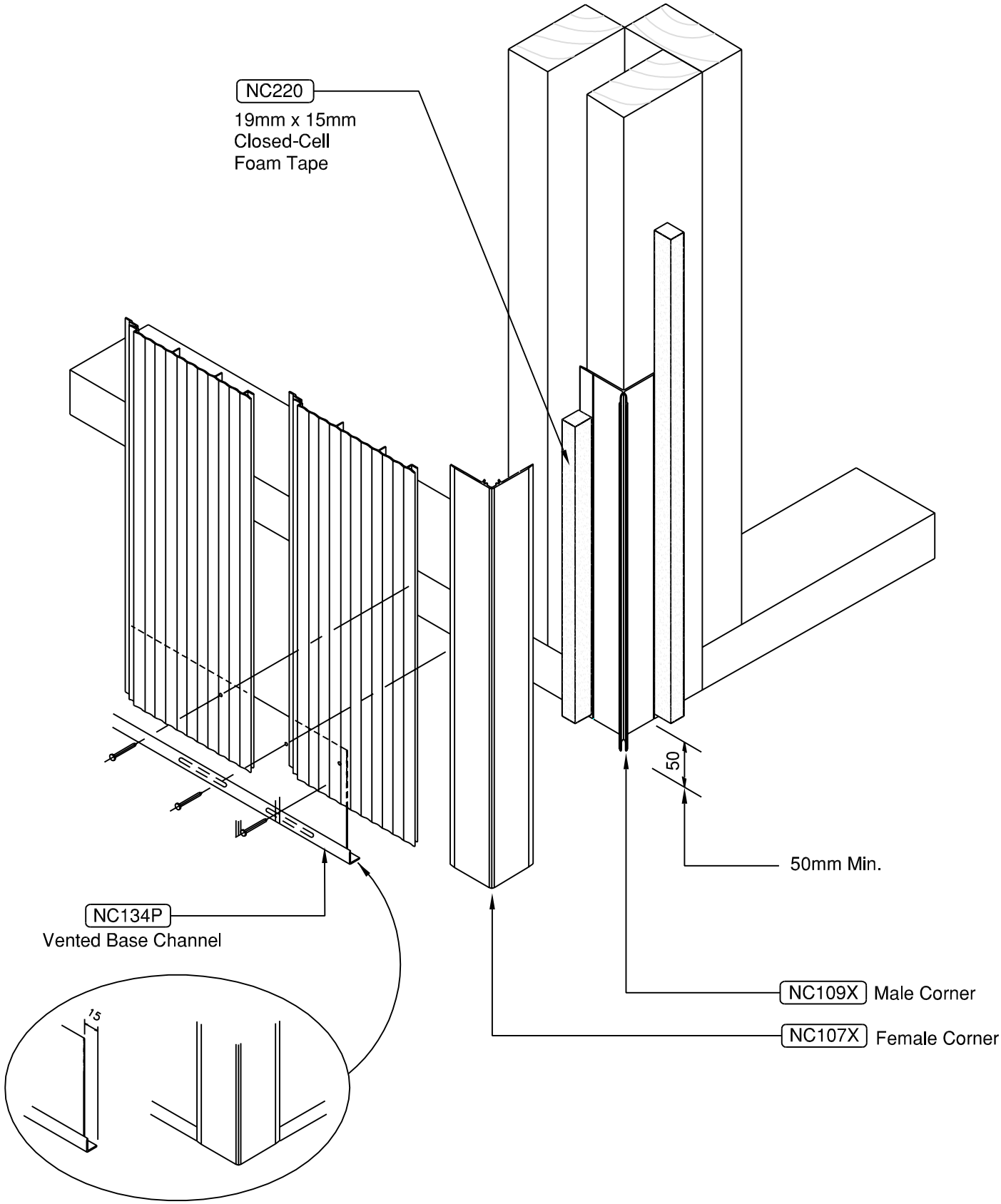
2. Fit NC109X into space created by checking out upstands. Ensure no overlapping occurs.



3. After cladding boards have been fitted, measure and cut NC107X to finish above front upstand of NC134 as shown. Fit NC107X.



NW-S004 Base channel mitred corner - to give improved aestetic when visible from below



Check out 15mm of rear upstand to achieve correct fit
of Corner Cap with the Base Channel.
For an internal corner detail, check out front upstand of Base Channel.

NW-V004 - Vertical Cladding ; Direct Fix - Base Channel & Corner Isometric
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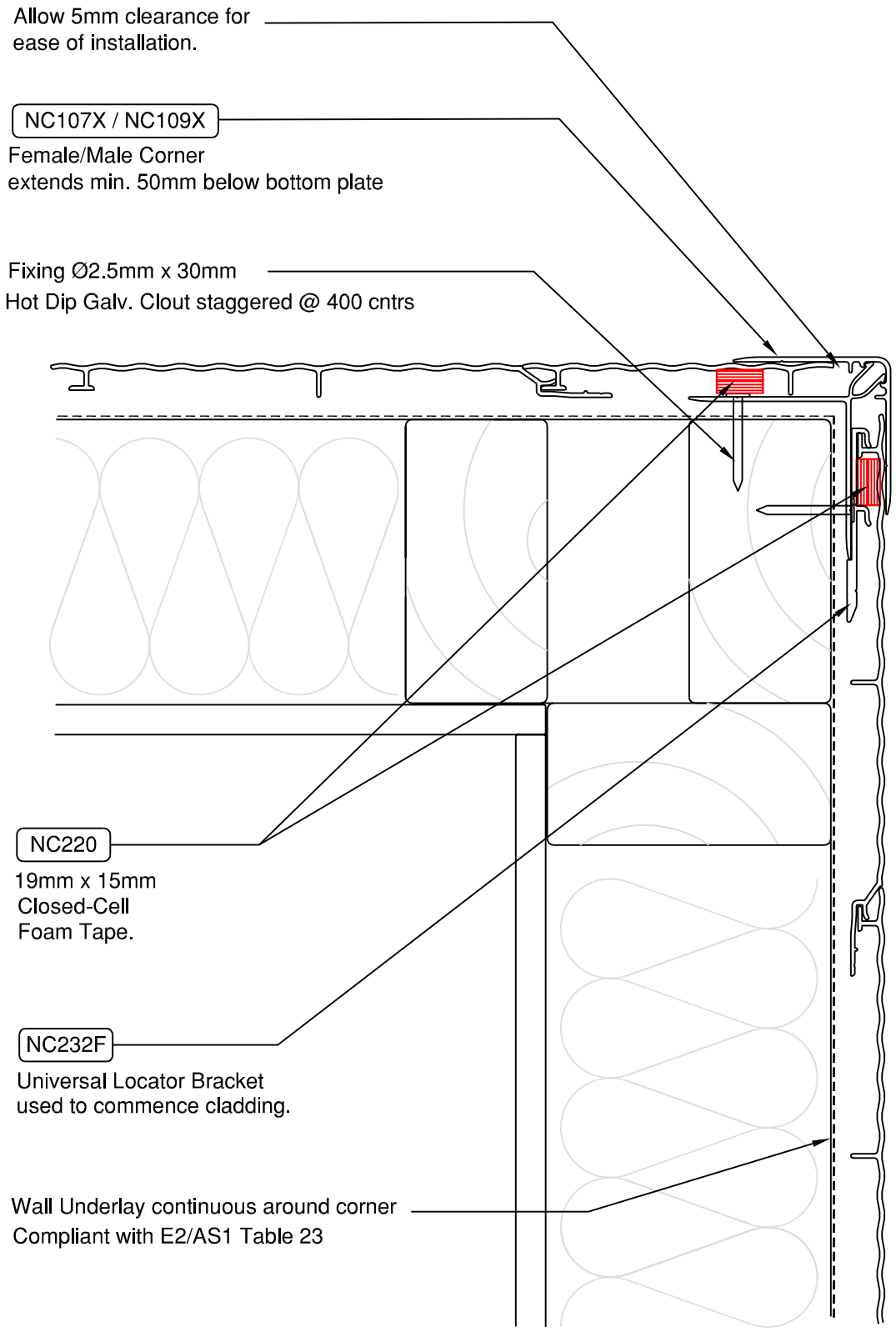

NW-V005 - Vertical Cladding ; Direct Fix - External 90° Corner
Scale 1:2

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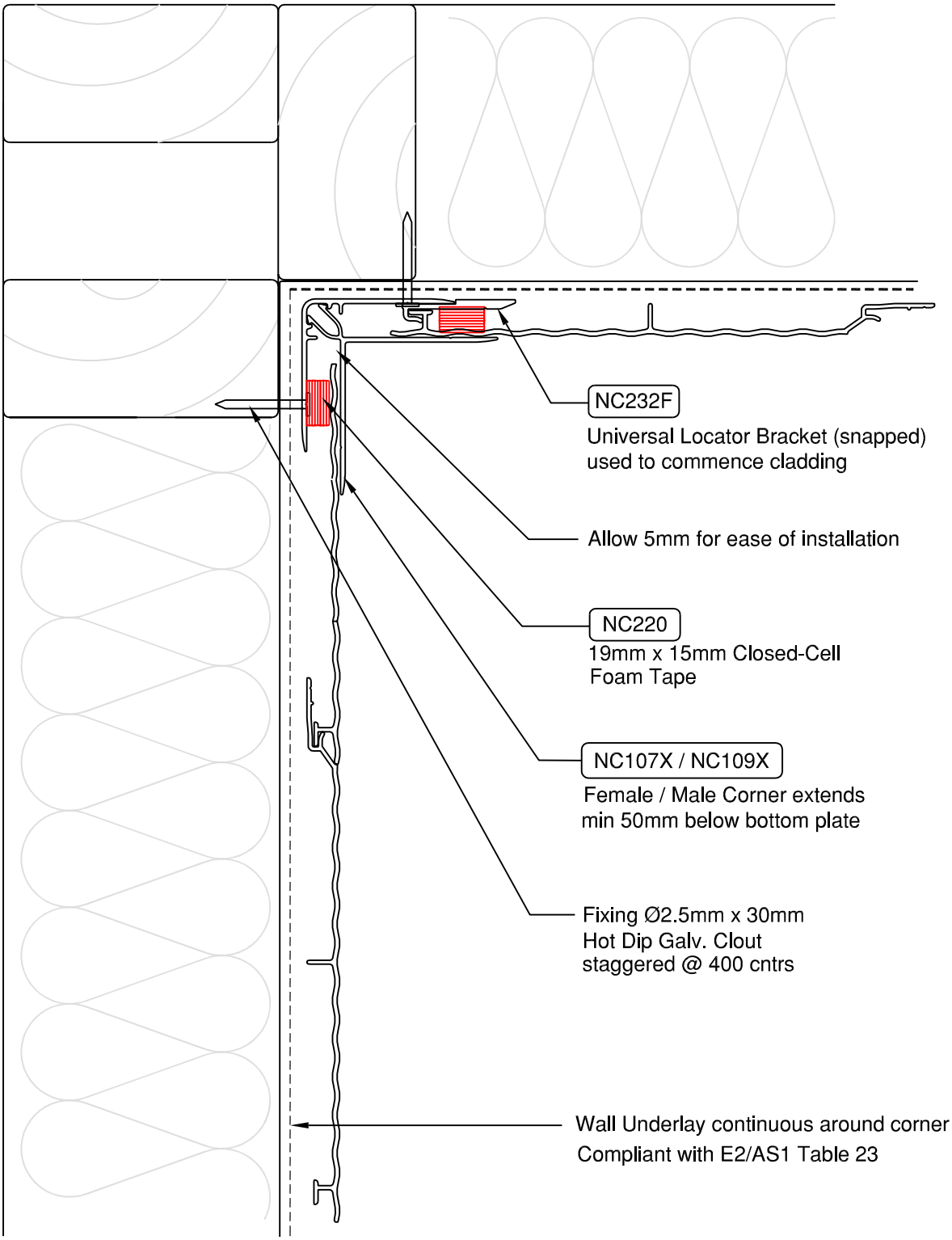

NW-V006 - Vertical Cladding ; Direct Fix - Internal 90° Corner
Scale 1:2

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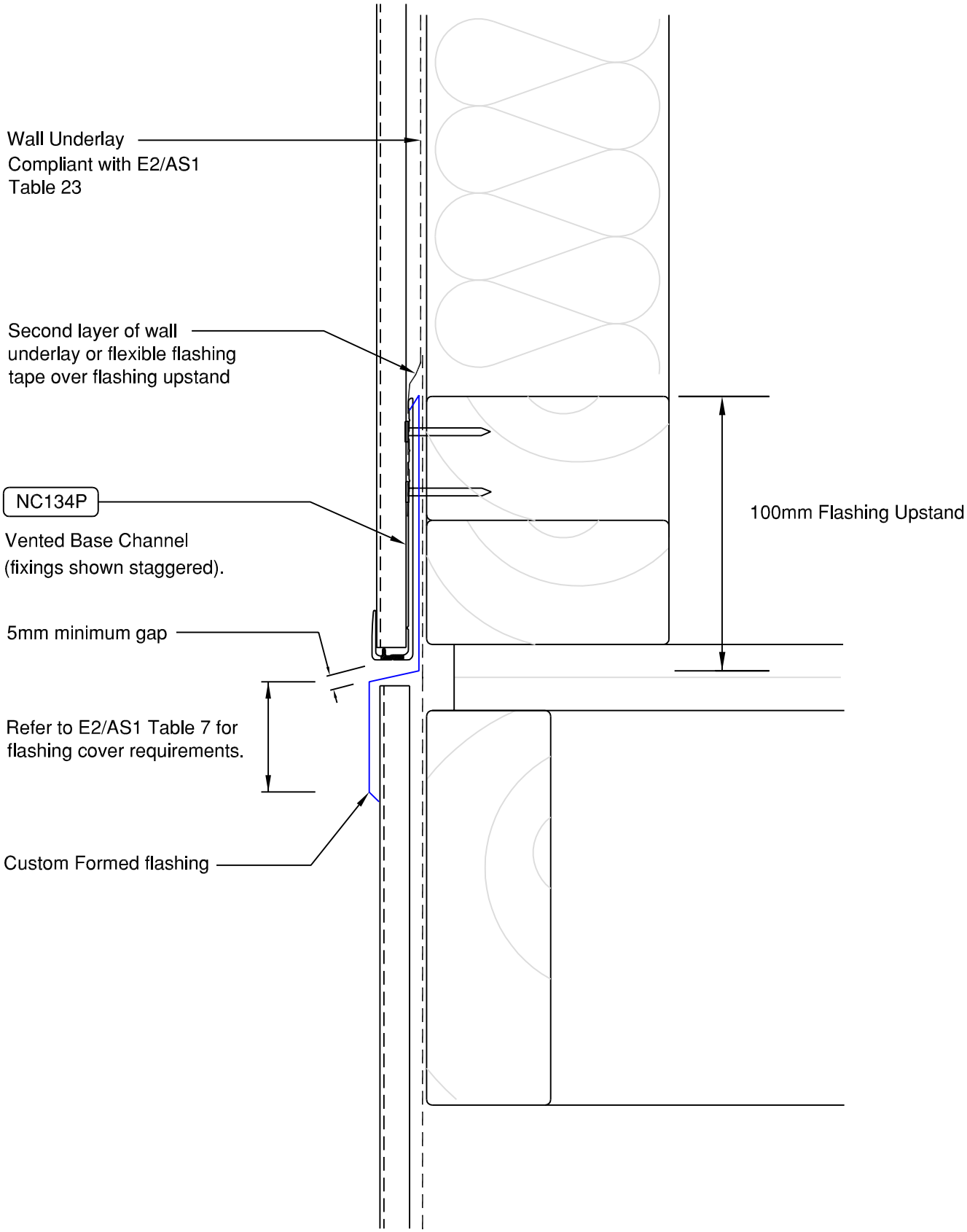

NW-V007 - Vertical Cladding ; Direct Fix - Horizontal Joint
Scale 1:2

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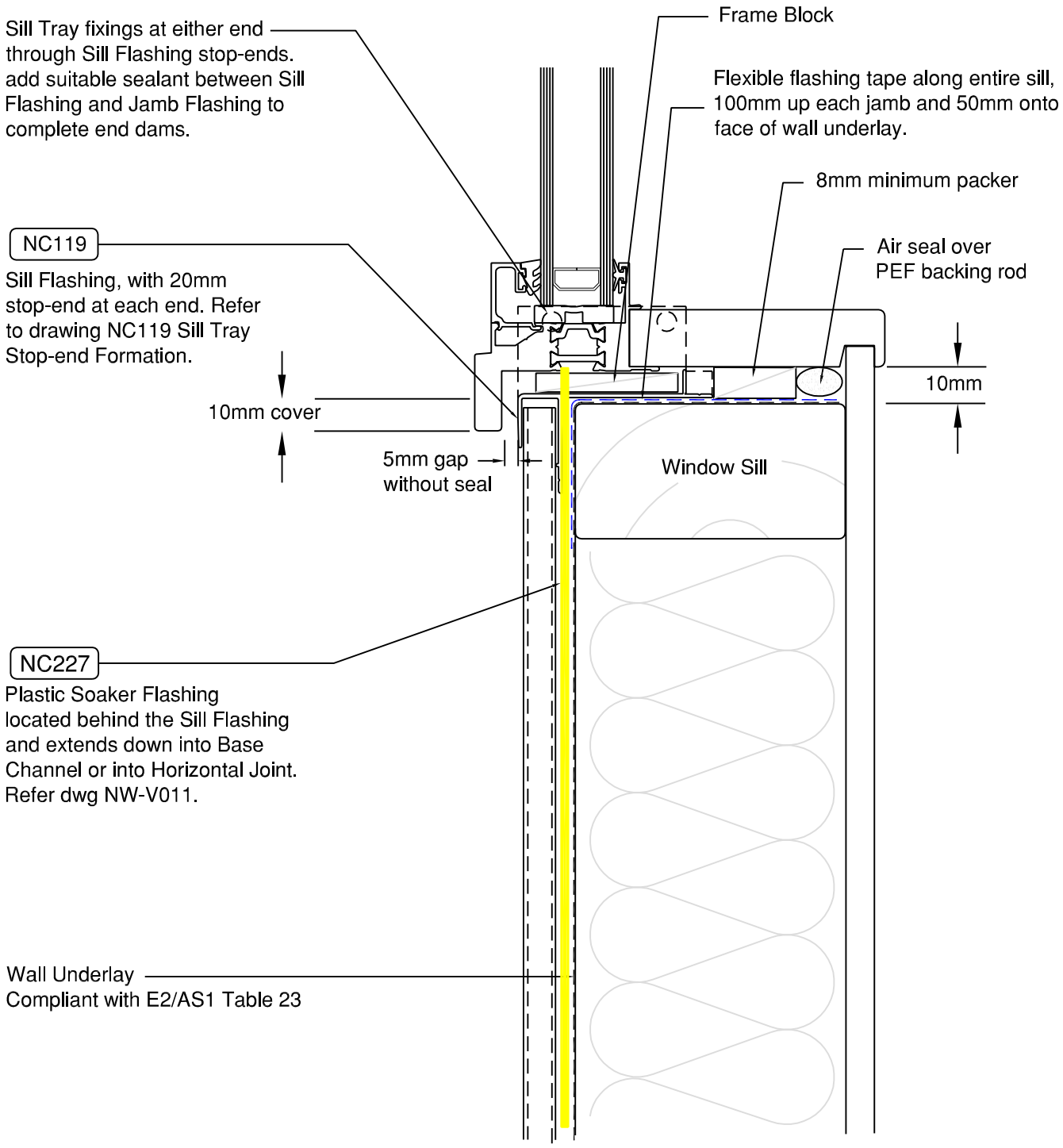

NW-V008 - Vertical Cladding ; Direct Fix - Window Sill
Scale 1:2

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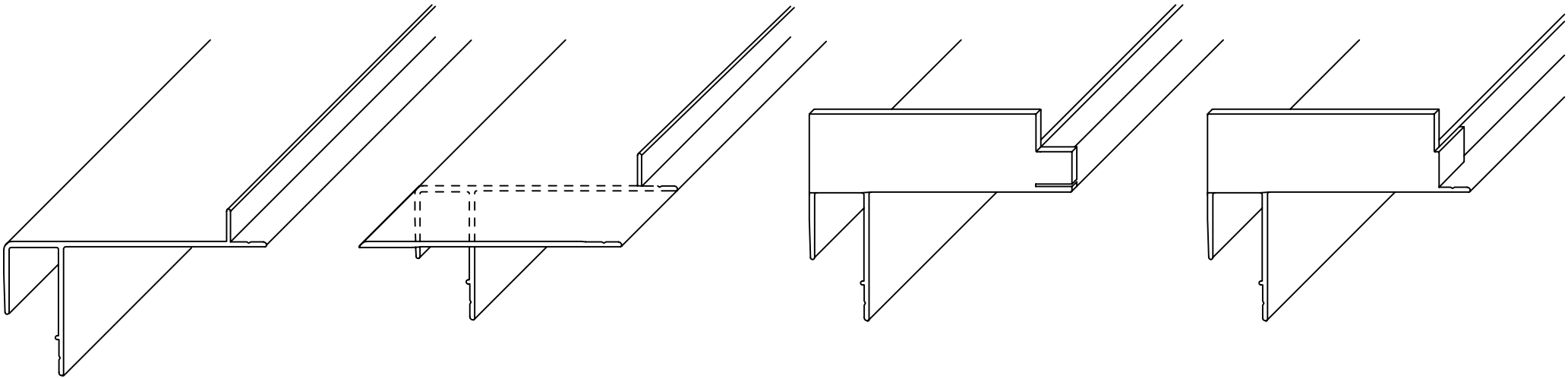

Cut back lower legs and upstand of profile 20mm.

Fold up to form stopend. Notch corner to the height of the upstand and cut along to the base of upstand to form a tab.

Fold the tab around the upstand. Use suitable sealant both sides of tab and upstand.

NW-S001 - NC119 Sill Flashing Stop-end Formation
Scale NTS

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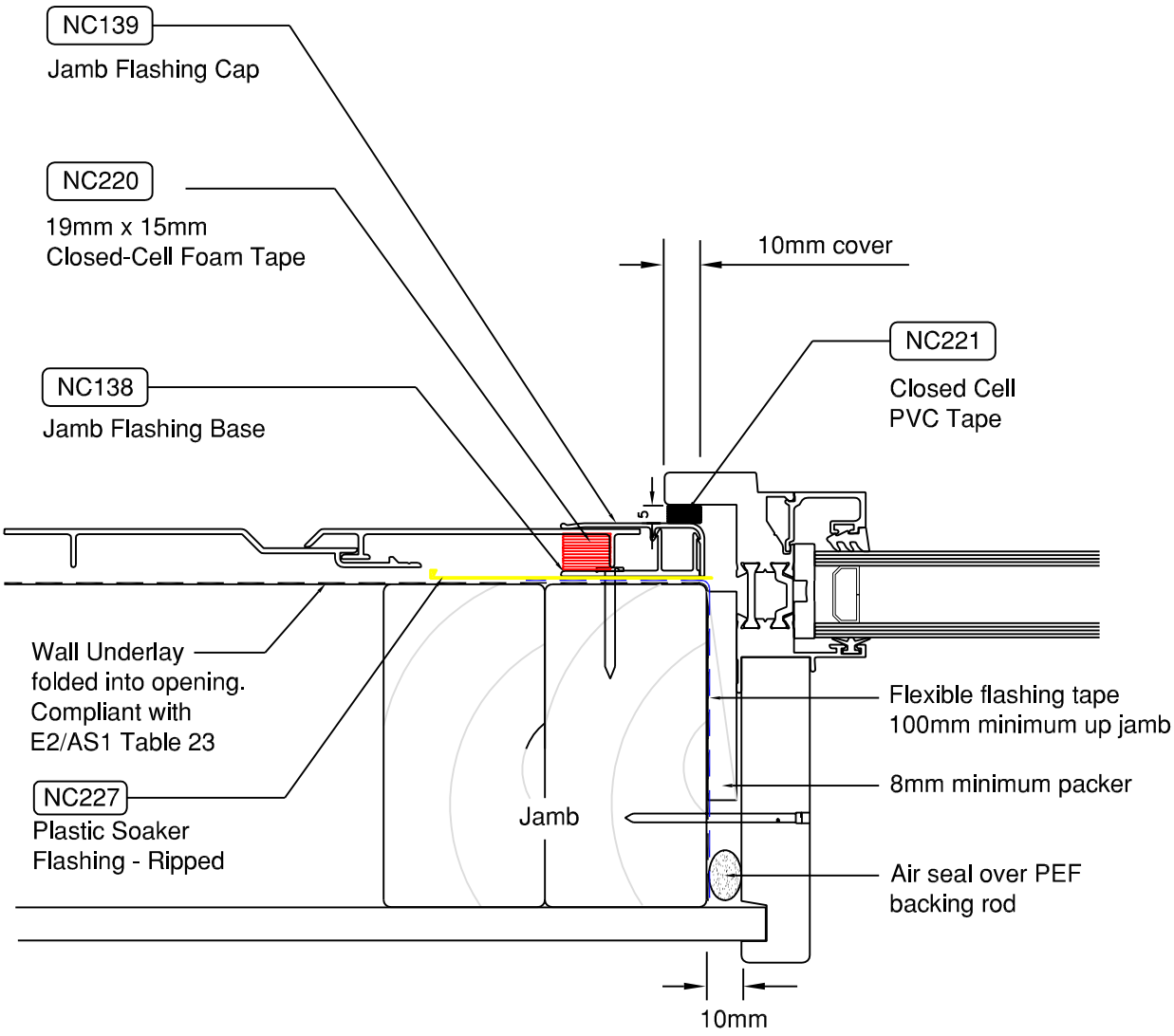

NW-V009 - Vertical Cladding ; Direct Fix - Window Jamb
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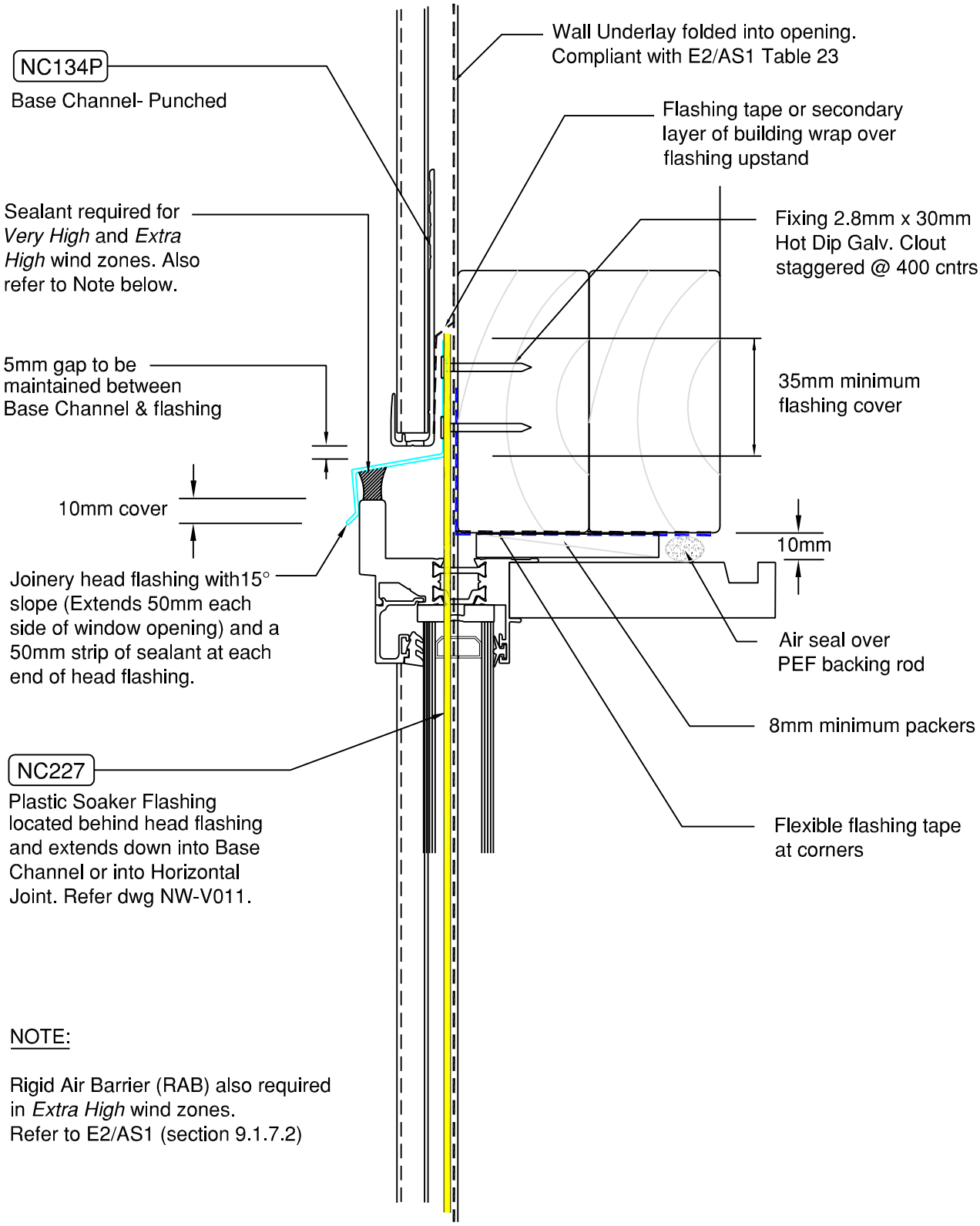

NOTE:

Rigid Air Barrier (RAB) also required
in *Extra High* wind zones.
Refer to E2/AS1 (section 9.1.7.2)

NW-V010 - Vertical Cladding ; Direct Fix - Window Head - Notched Board
Scale 1:2

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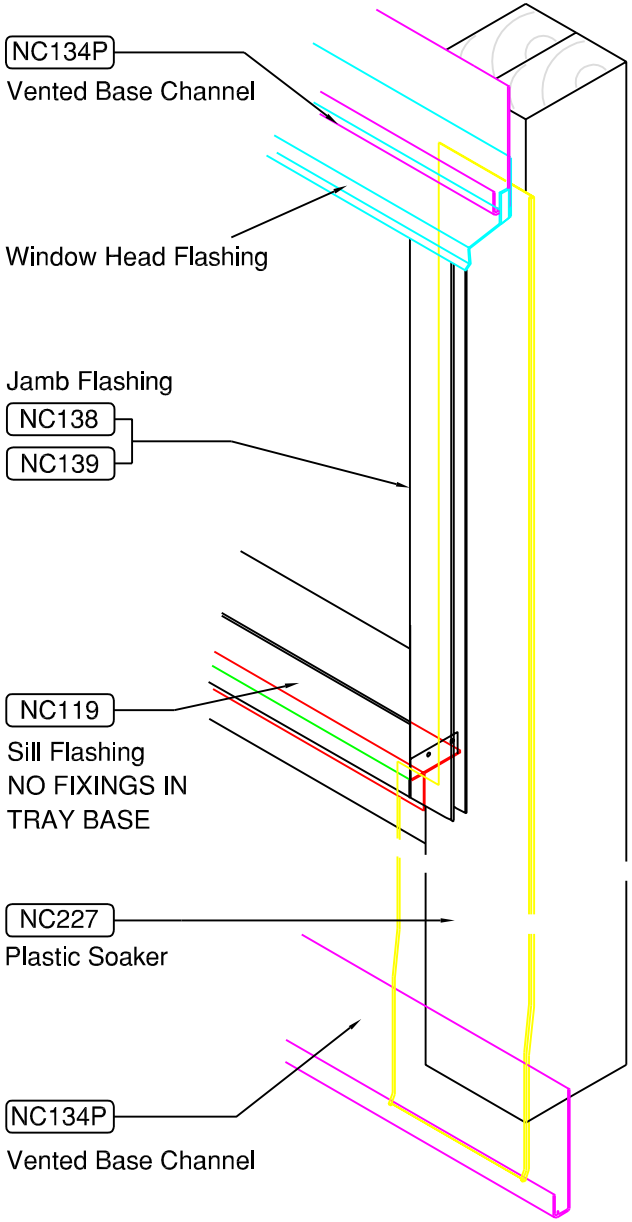
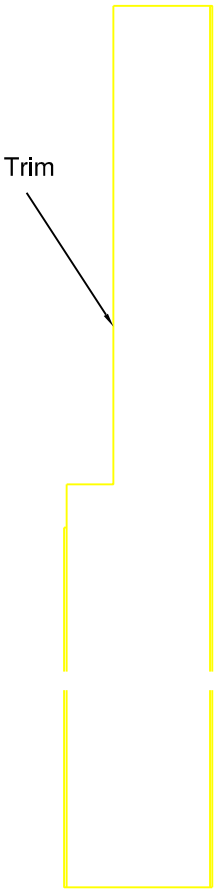
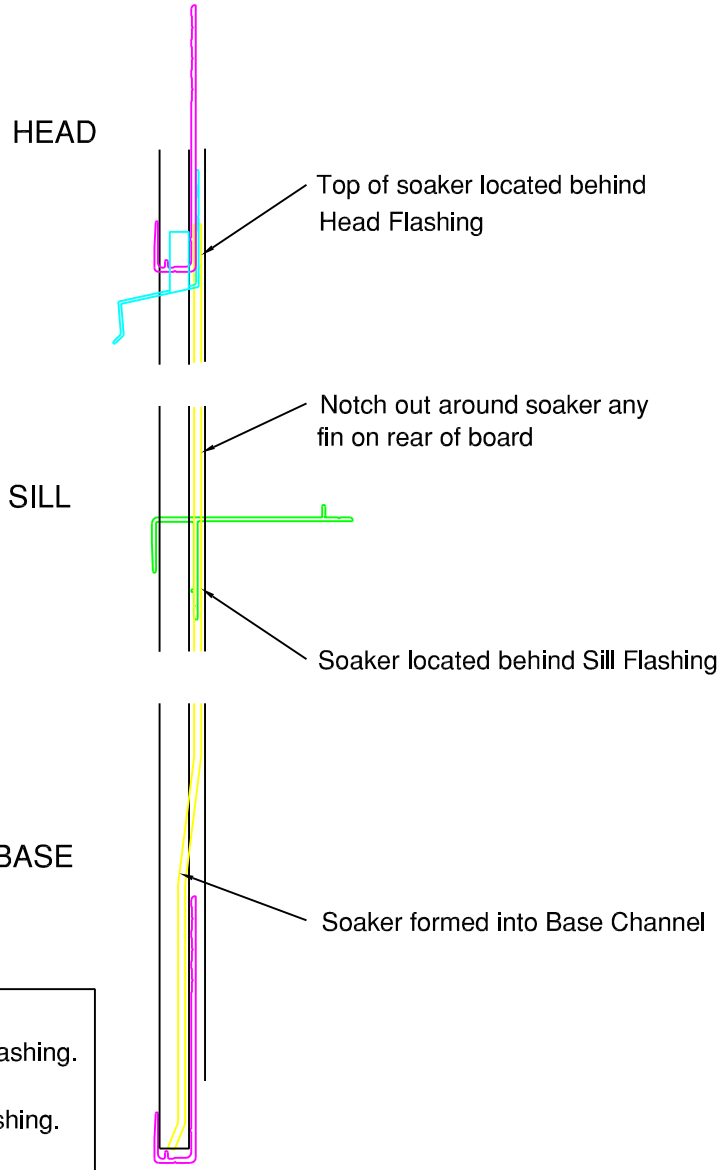




Cut Soakers to length

Trim to suit

Form into Base Channel at bottom of cladding



TO ENSURE CONTROL OF FAILURE WATER:

1. Before fitting the first board around the window. Fit Sill Flashing.
2. Slip Plastic Soaker Flashing up behind Jamb Flashing.
3. Silicone Seal between the Sill upstand and the Jamb Flashing.
4. Fit Jamb Flashing Base.
5. Continue Plastic Soaker Flashing to finish into the Vented Base Channel or horizontal joint

NW-V011 - Vertical Cladding ; Direct Fix - Window Head, Jamb & Sill Soaker Detail
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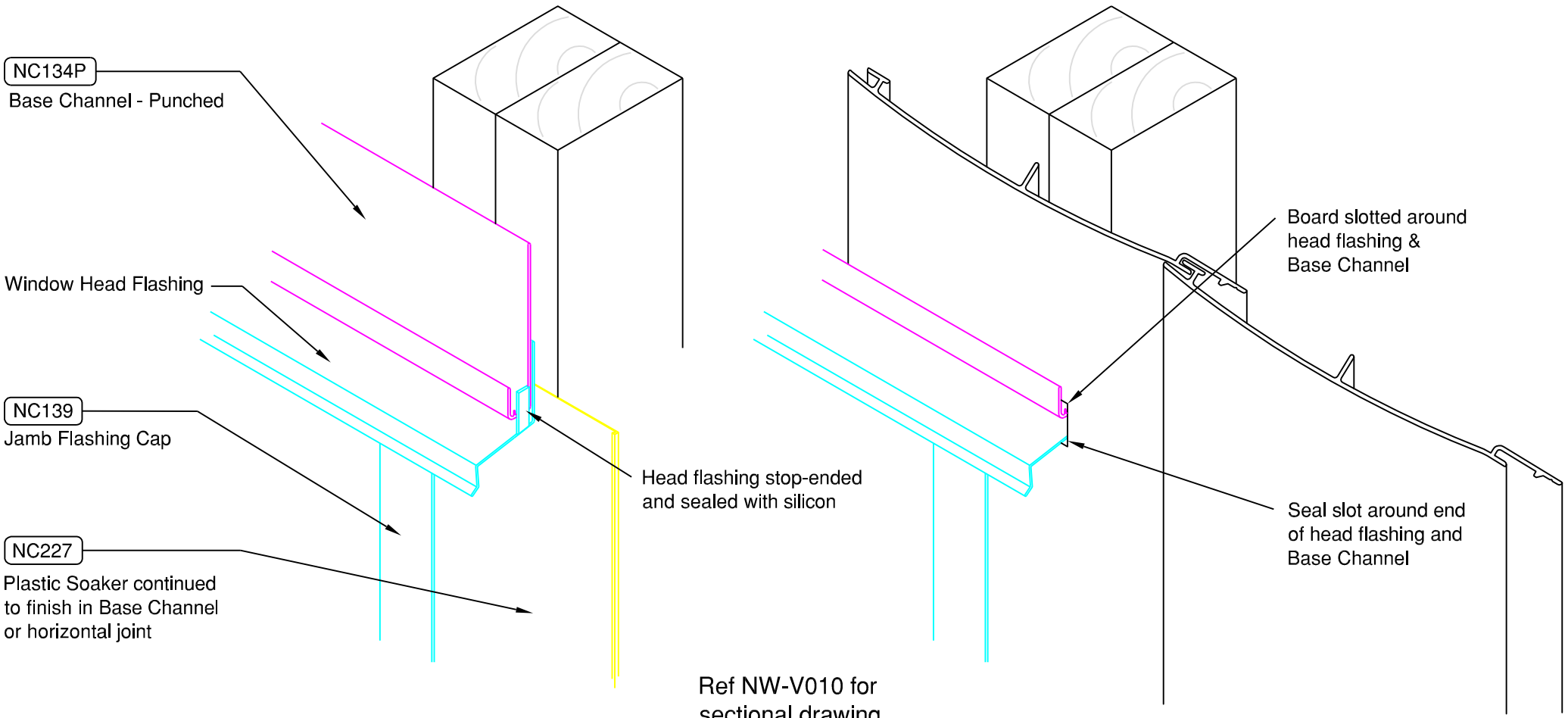
Junction prior to cladding around window head

Junction after cladding around window head



Ref NW-V010 for
sectional drawing

NW-V012 - Vertical Cladding ; Direct Fix - Head Flashing End Detail
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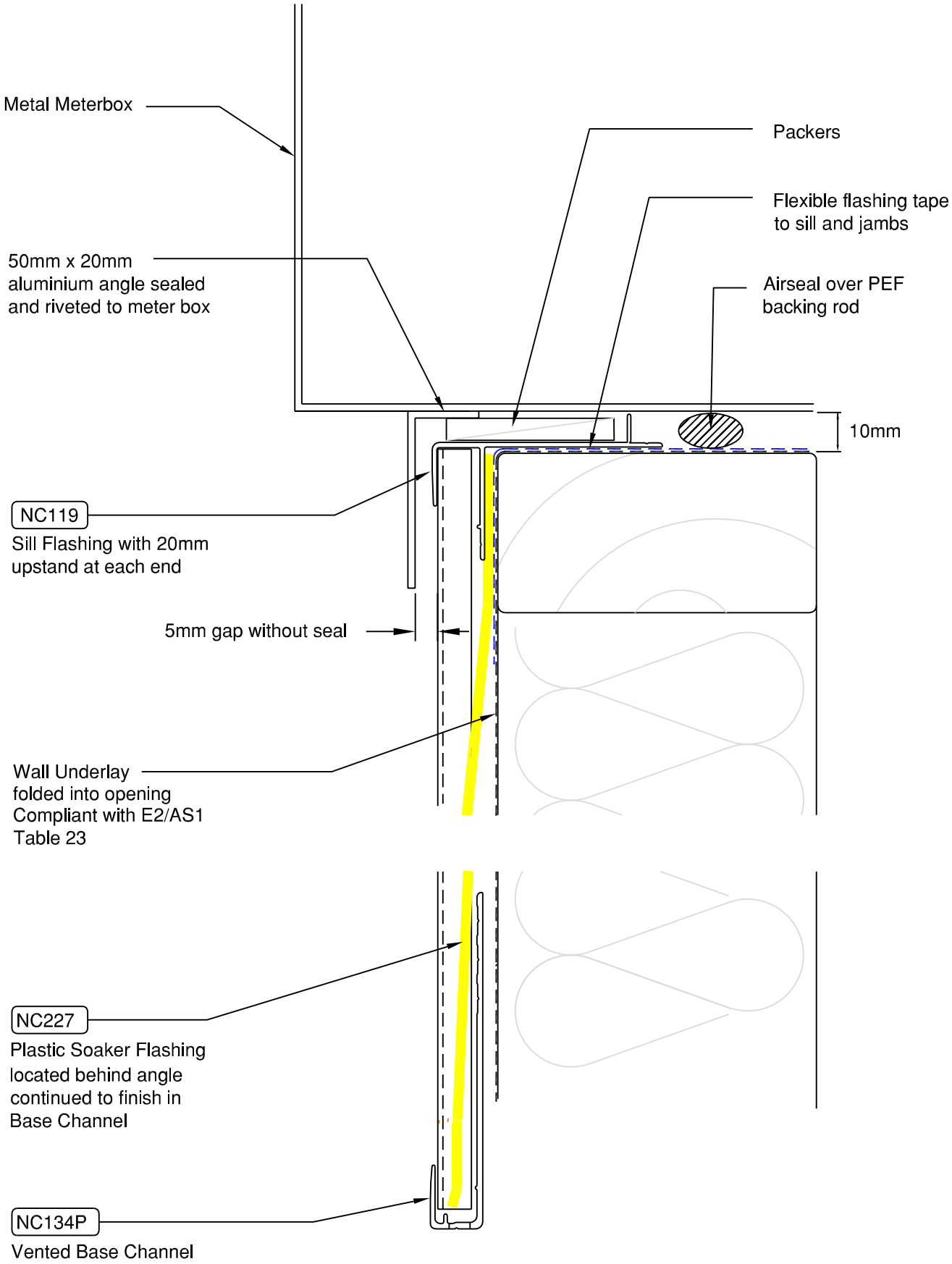

NW-V013 - Vertical Cladding ; Direct Fix - Meter Box Sill Detail
Scale NTS

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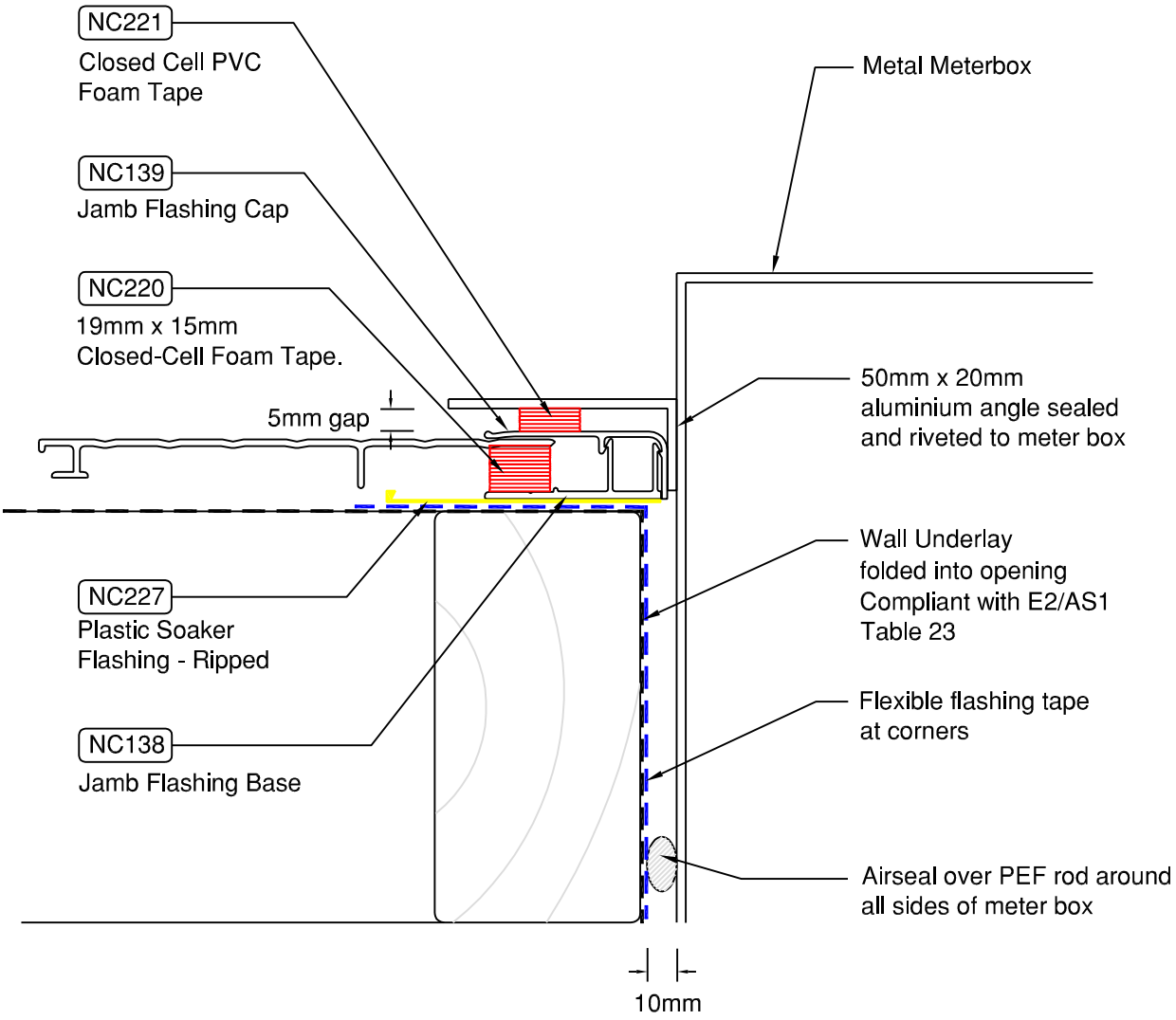

NW-V014 - Vertical Cladding ; Direct Fix - Meter Box Jamb Detail
Scale NTS

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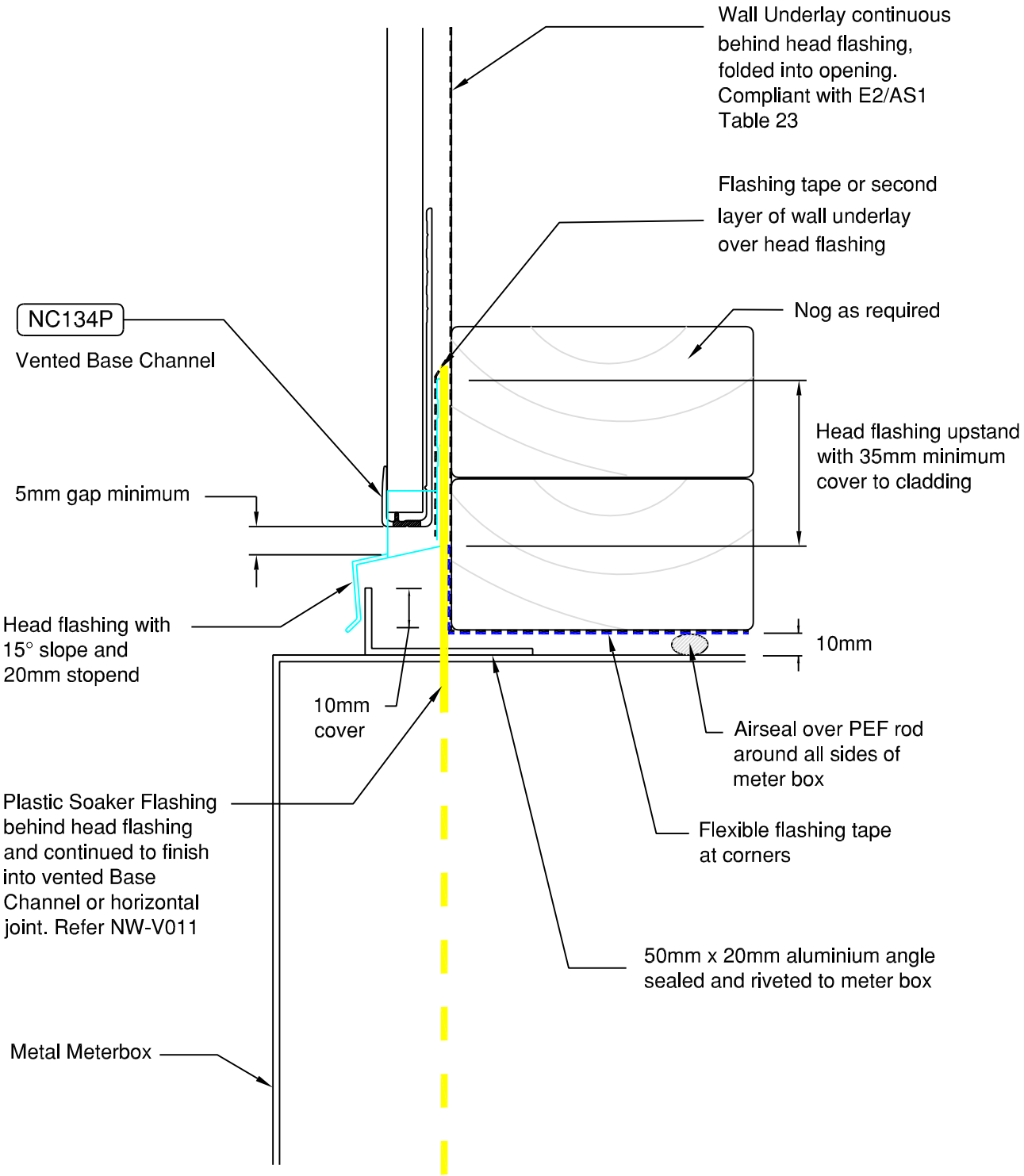

NOTE:
Refer to NW-V012 for head flashing detail

NW-V015 - Vertical Cladding ; Direct Fix - Meter Box Head Detail
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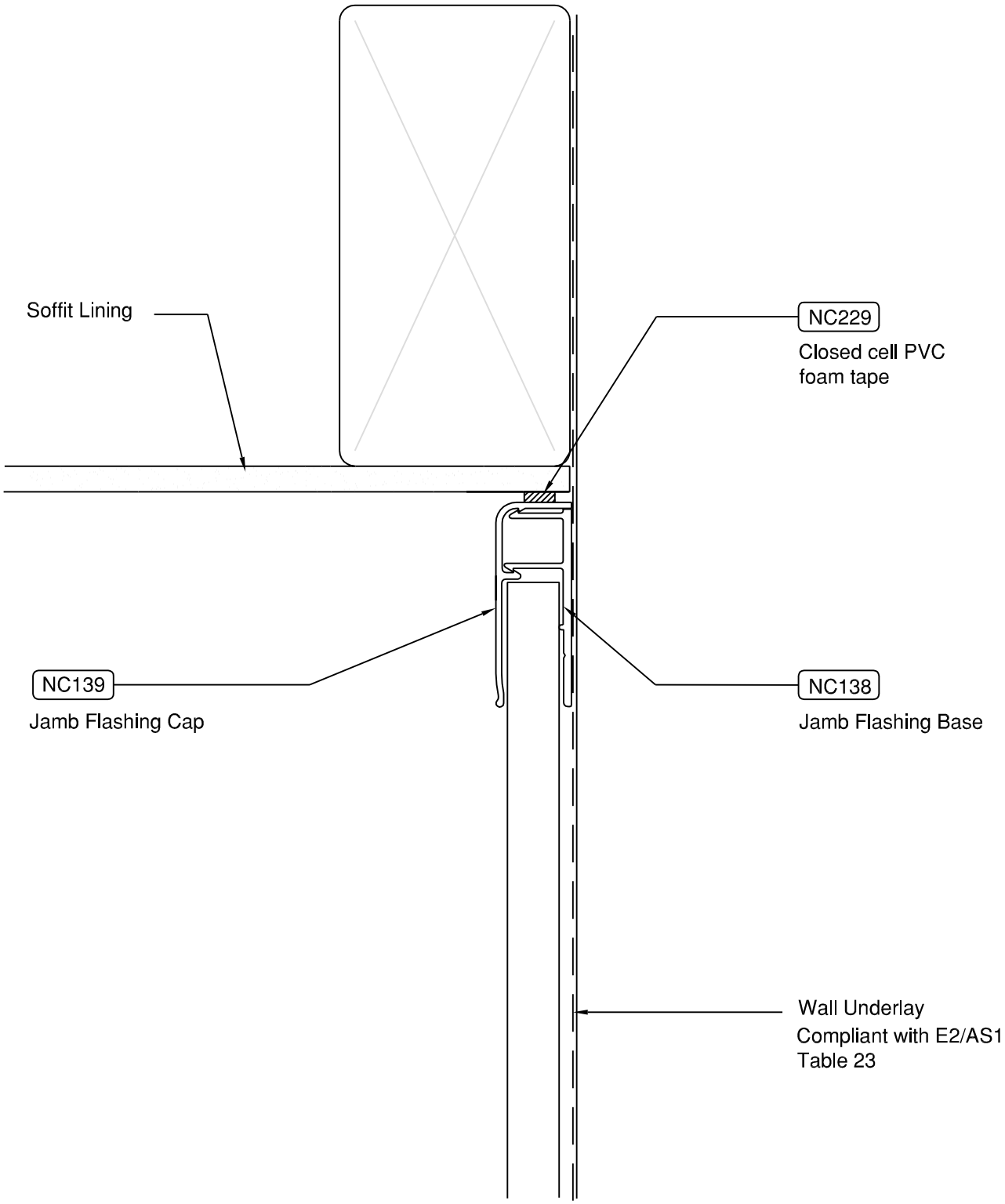

NW-V016 - Vertical Cladding ; Direct Fix - Soffit Trim
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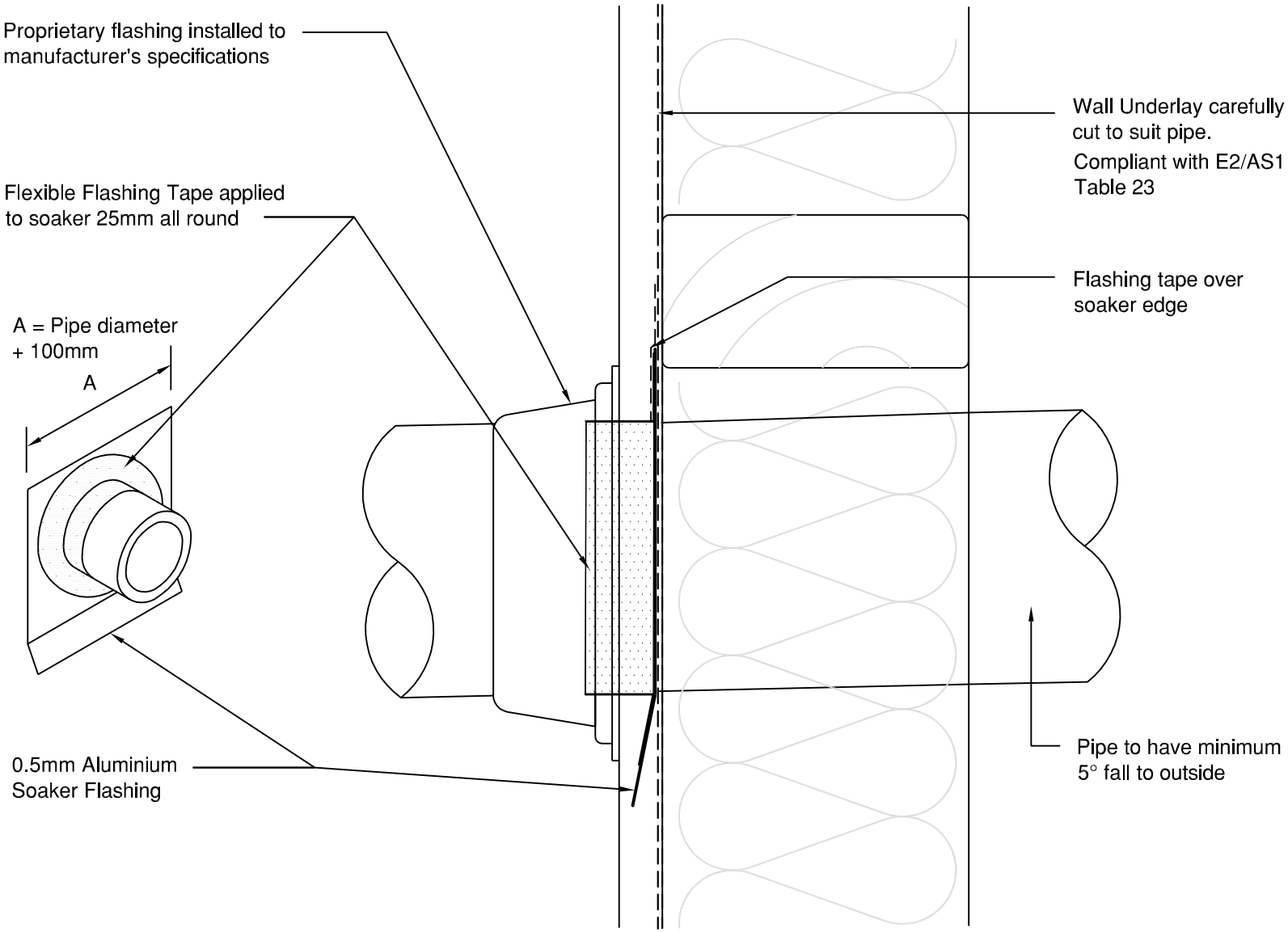

NW-V017 - Vertical Cladding ; Direct Fix - Pipe Penetration
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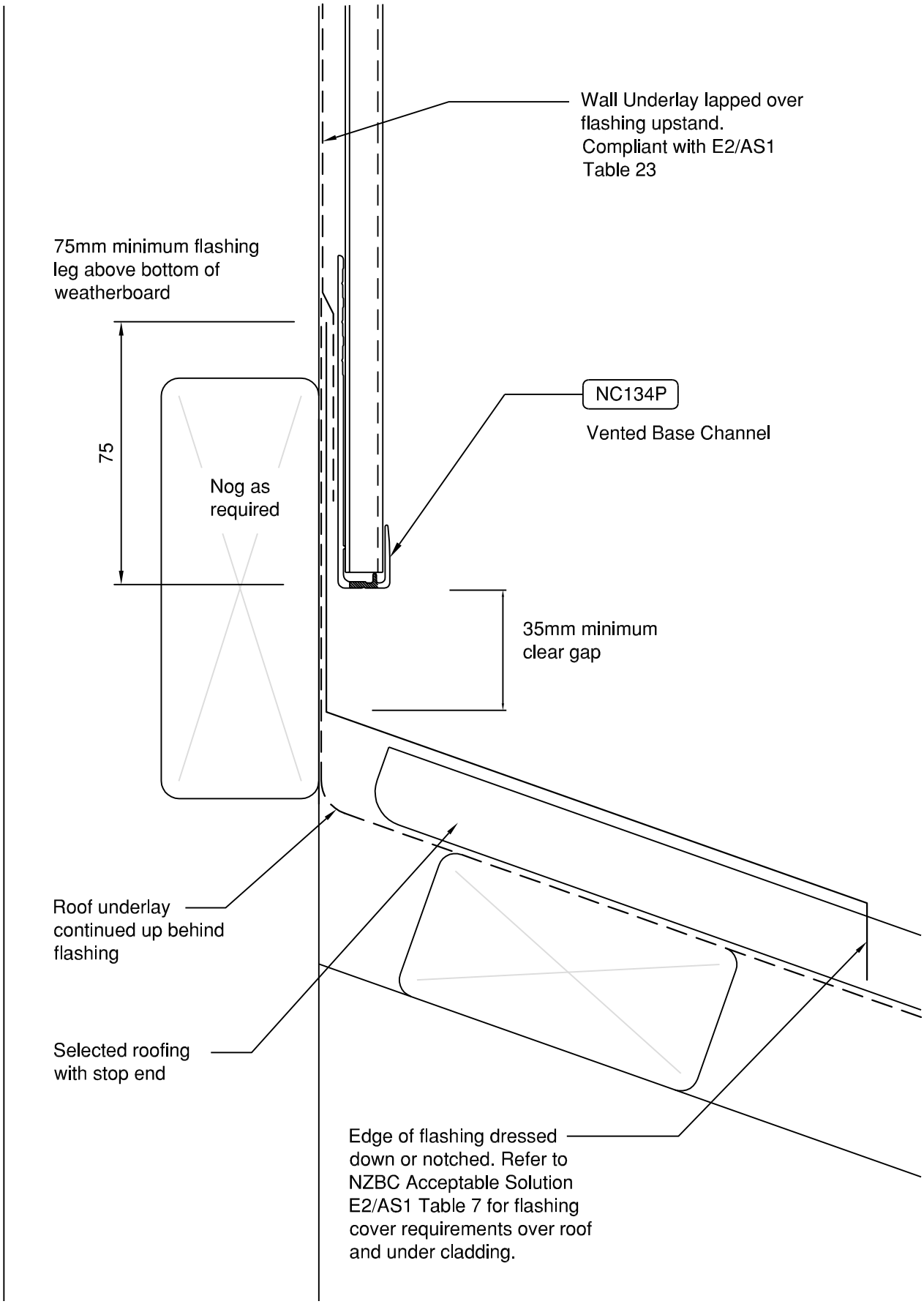

NW-V018 - Vertical Cladding ; Direct Fix - Roof / Wall Junction
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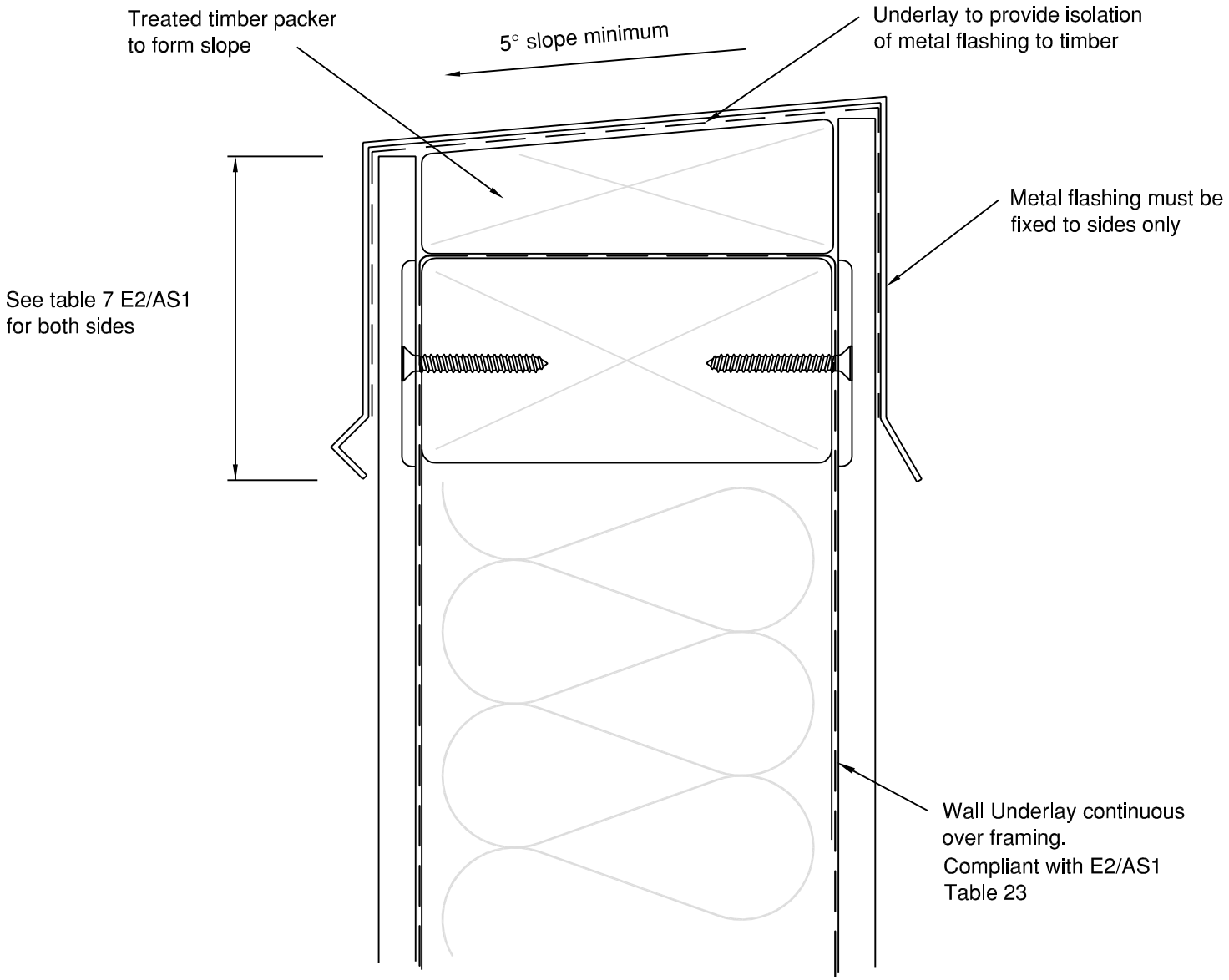
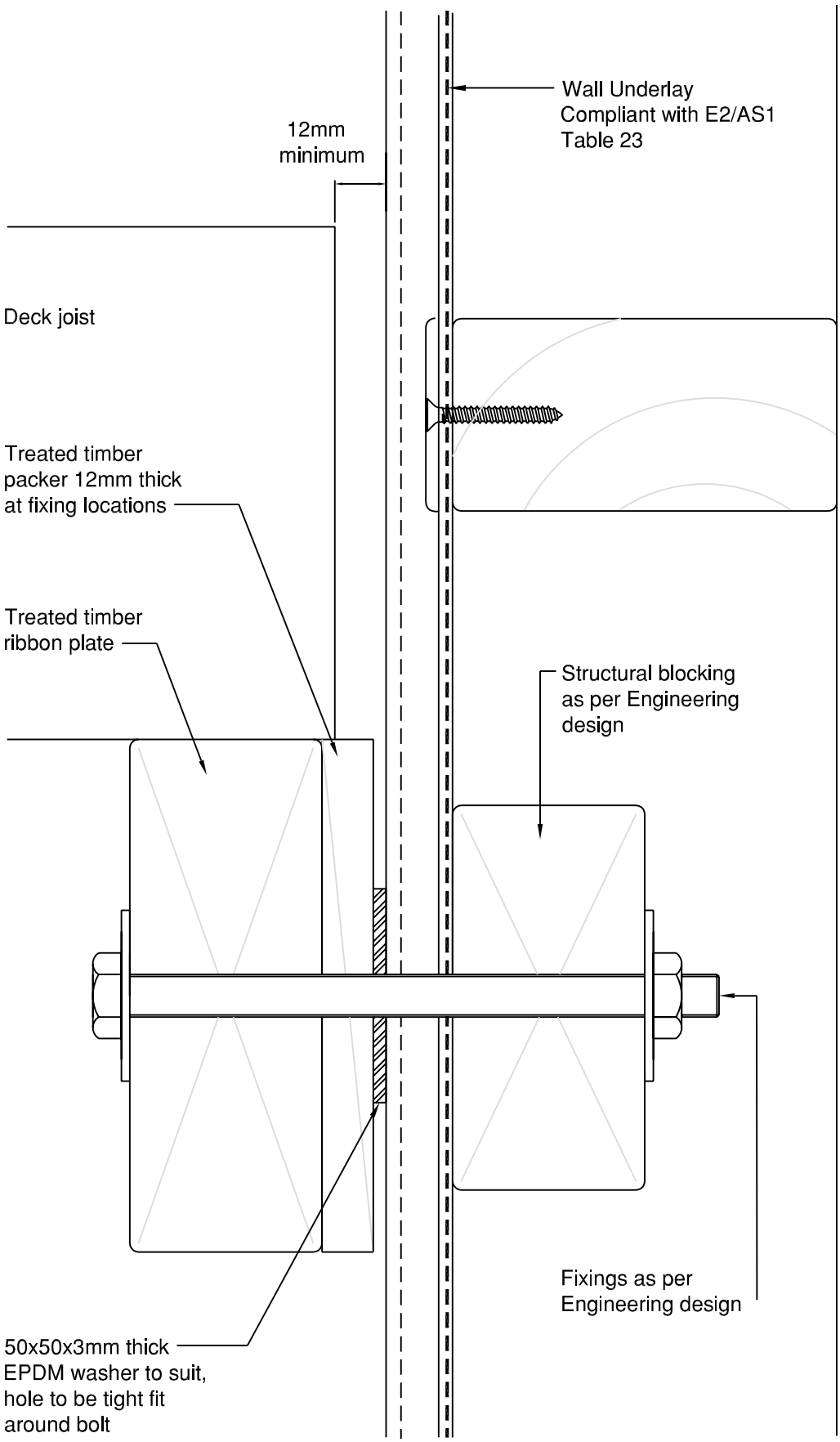


NW-V019 - Vertical Cladding Direct Fix - Parapet Flashing
Scale NTS



NW-V020 - Vertical Cladding ; Direct Fix - Deck Junction
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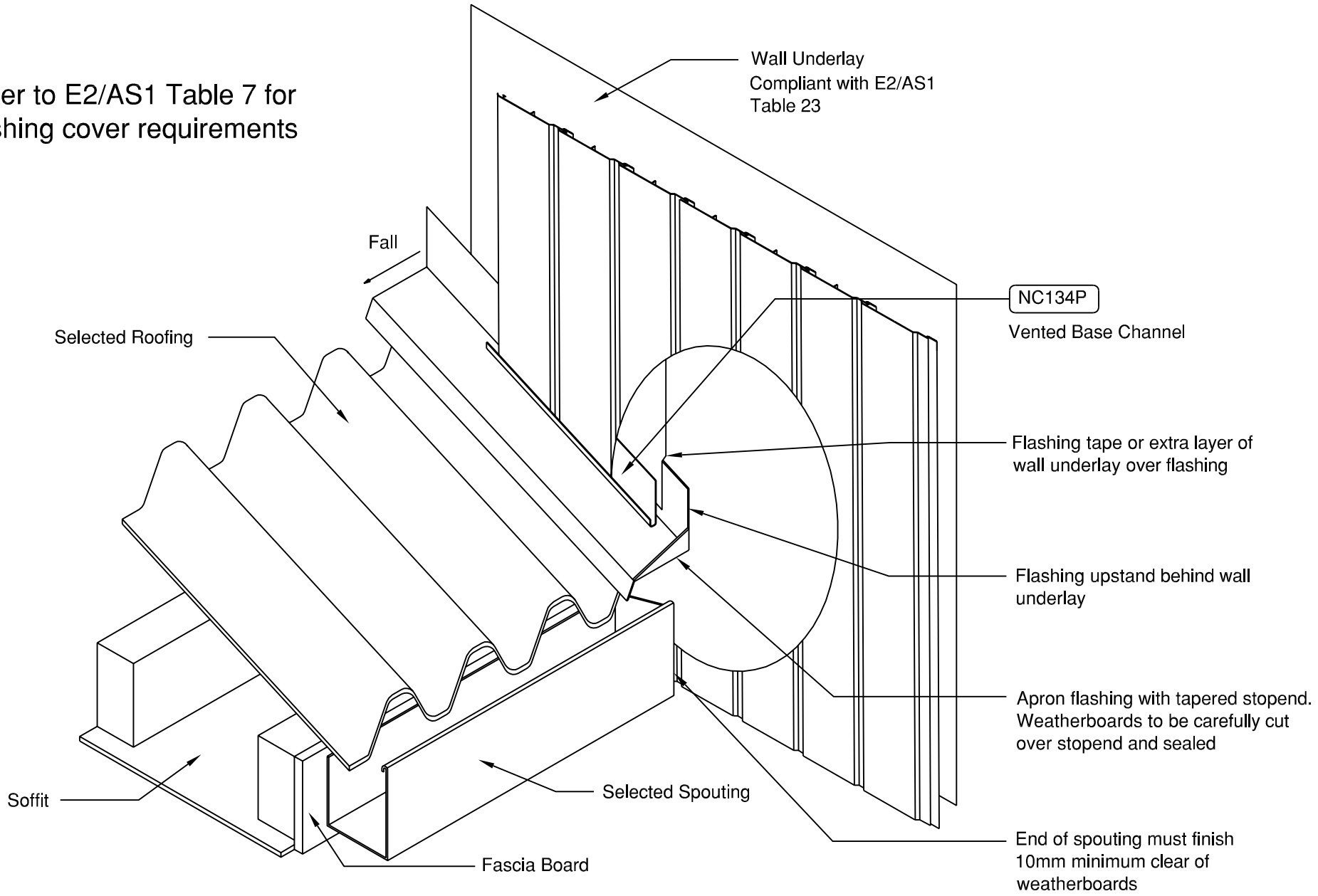
Refer to E2/AS1 Table 7 for flashing cover requirements



NW-V021 - Vertical Cladding ; Direct Fix - Gutter / Wall Junction
Scale NTS

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