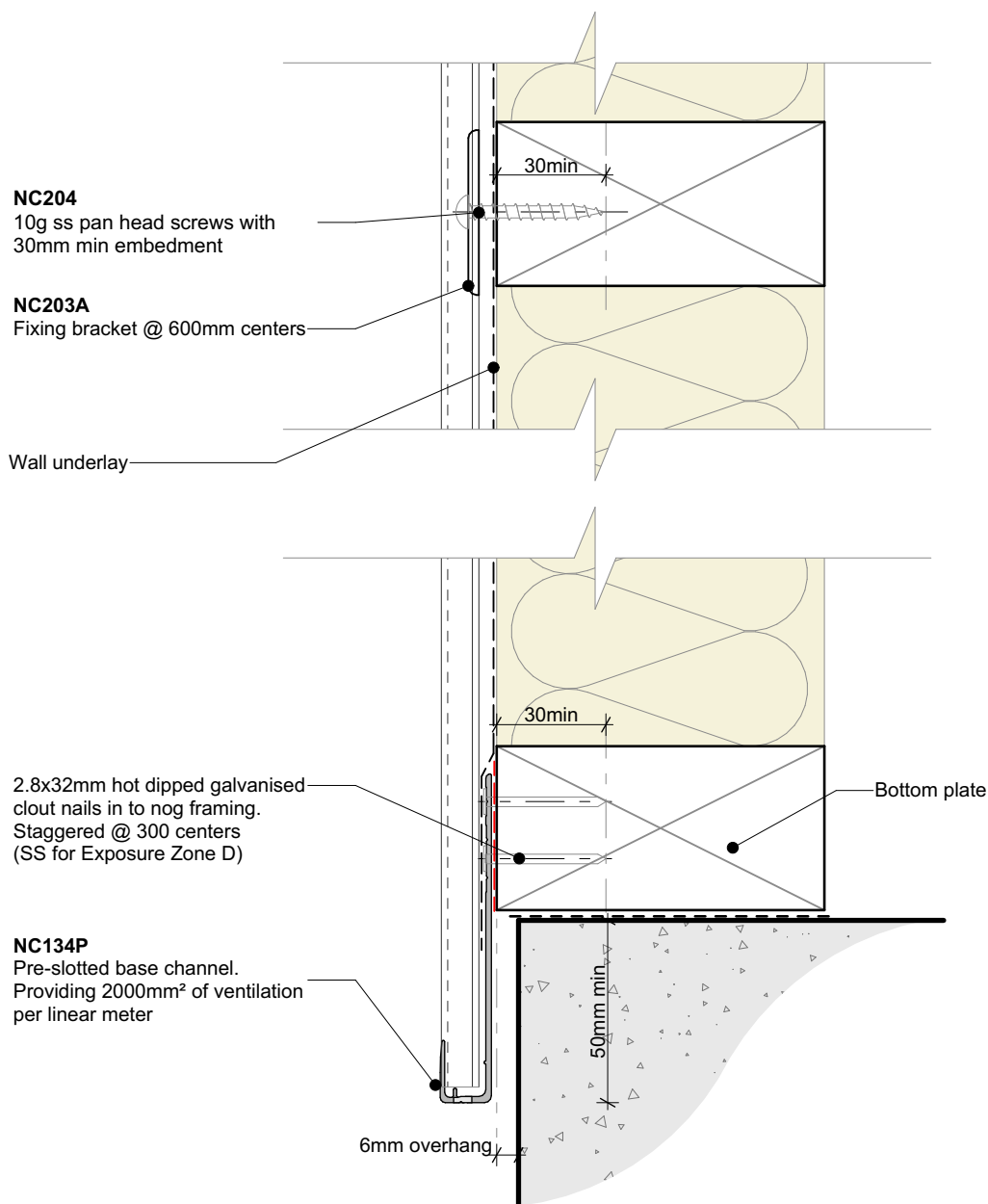




Nu-Wall Extruded Aluminium Cladding Installation CAD details - Vertical direct fix (VDF)

1	NW-VDF-001.02	Typical installation - Timber frame	02/07/2025
2	NW-VDF-002.02	Typical base channel fixing	02/07/2025
3	NW-VDF-003.02	Typical base channel over timber floor	02/07/2025
4	NW-VDF-004.02	Typical base channel over waterproof deck	02/07/2025
5	NW-VDF-004b.02	Typical base channel over concrete slab	02/07/2025
6	NW-VDF-005.02	Pre-Fabricated 90 deg base channel corner	02/07/2025
7	NW-VDF-006.02	Typical corner NC107X and NC109X assembly	02/07/2025
8	NW-VDF-007.02	Typical external 90 deg corner	02/07/2025
9	NW-VDF-008.02	Internal 90 deg corner using NC107X and NC109X	02/07/2025
10	NW-VDF-009.02	Typical inter storey or horizontal joint	02/07/2025
11	NW-VDF-010.02	Typical sill section - NC247 and NC248 assembly	02/07/2025
12	NW-VDF-011.02	Typical jamb section - NC247 and NC248 assembly	02/07/2025
13	NW-VDF-012.02	Typical jamb section with negative detail filler	02/07/2025
14	NW-VDF-013.02	Typical head section	02/07/2025
15	NW-VDF-014.02	Soaker installation to window jamb	02/07/2025
16	NW-VDF-015.02	Typical head flashing end detail	02/07/2025
17	NW-VDF-016a.03	Typical soffit trim	02/07/2025
18	NW-VDF-016b.03	Typical raking soffit	02/07/2025
19	NW-VDF-016c.03	Typical inverse raking soffit	02/07/2025
20	NW-VDF-017.02	Typical pipe penetration	02/07/2025
21	NW-VDF-018.02	Typical apron, roof to wall junction	02/07/2025
22	NW-VDF-019.02	Typical parapet to wall	02/07/2025
23	NW-VDF-020.02	Typical deck to wall junction	02/07/2025
24	NW-VDF-021.02	Typical roof and gutter to wall junction	02/07/2025
25	NW-VDF-022.02	Notching board around window jamb	02/07/2025
26	NW-VDF-023.03	Ripped board to end of wall junction	02/07/2025
27	NW-VDF-024.03	Typical Nu-Wall fascia to soffit	02/07/2025
28	NW-VDF-025.03	Typical Nu-Wall to fascia - soffit - wall (with alternative)	02/07/2025
29	NW-VDF-026.03	Typical garage door head - jamb (Timber reveal)	02/07/2025
30	NW-VDF-026b.03	Typical garage door head - jamb (Nu-Wall Reveal Profile)	02/07/2025
31	NW-VDF-027.03	Typical Nu-Wall to brick internal corner	02/07/2025
32	NW-VDF-028.03	Typical Nu-Wall to brick external corner	02/07/2025
33	NW-VDF-029.02	Typical Nu-Wall to brick horizontal junction	02/07/2025
34	NW-VDF-030.03	Typical Nu-Wall to brick vertical junction	02/07/2025
35	NW-VDF-031.03	Typical Nu-Wall to concrete masonry vertical junction	02/07/2025
36	NW-VDF-032.03	Typical Nu-Wall to concrete masonry external corner	02/07/2025
37	NW-VDF-033.03	Typical Nu-Wall to concrete masonry internal corner	02/07/2025



Note:
• Standard fixing specification. May vary depending on wind load



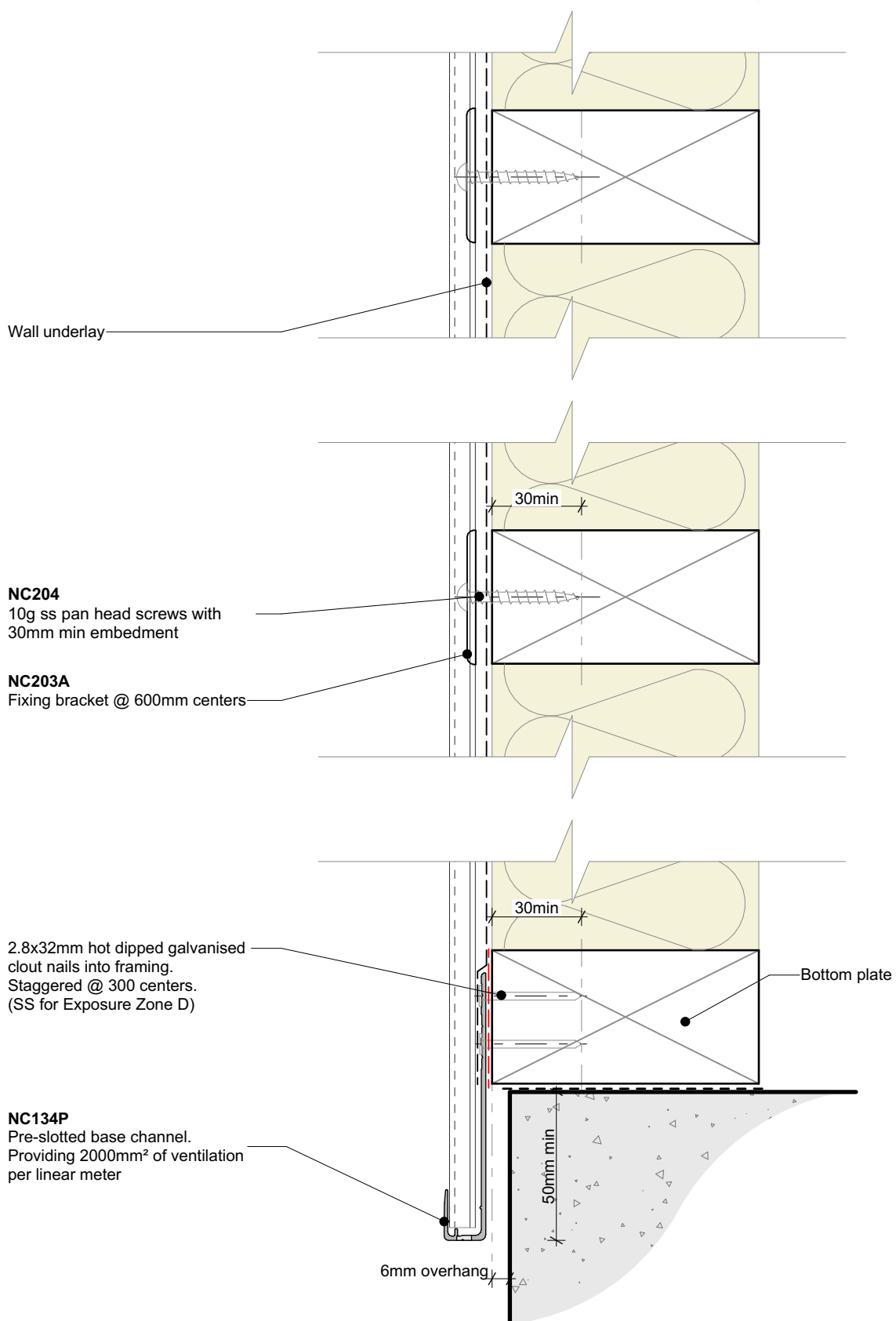
nu-wall
CLADDING

Nu-Wall cladding vertical direct fix Typical installation - Timber frame

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NW-VDF-001.02

Drawn by: Nu-Wall	Date: 02/07/2025
Checked by: RL, GT	Scale: 1:2 @ A4



Note:
• Standard fixing specification. May vary depending on wind load



nu-wall
CLADDING

Nu-Wall cladding vertical direct fix Typical base channel fixing

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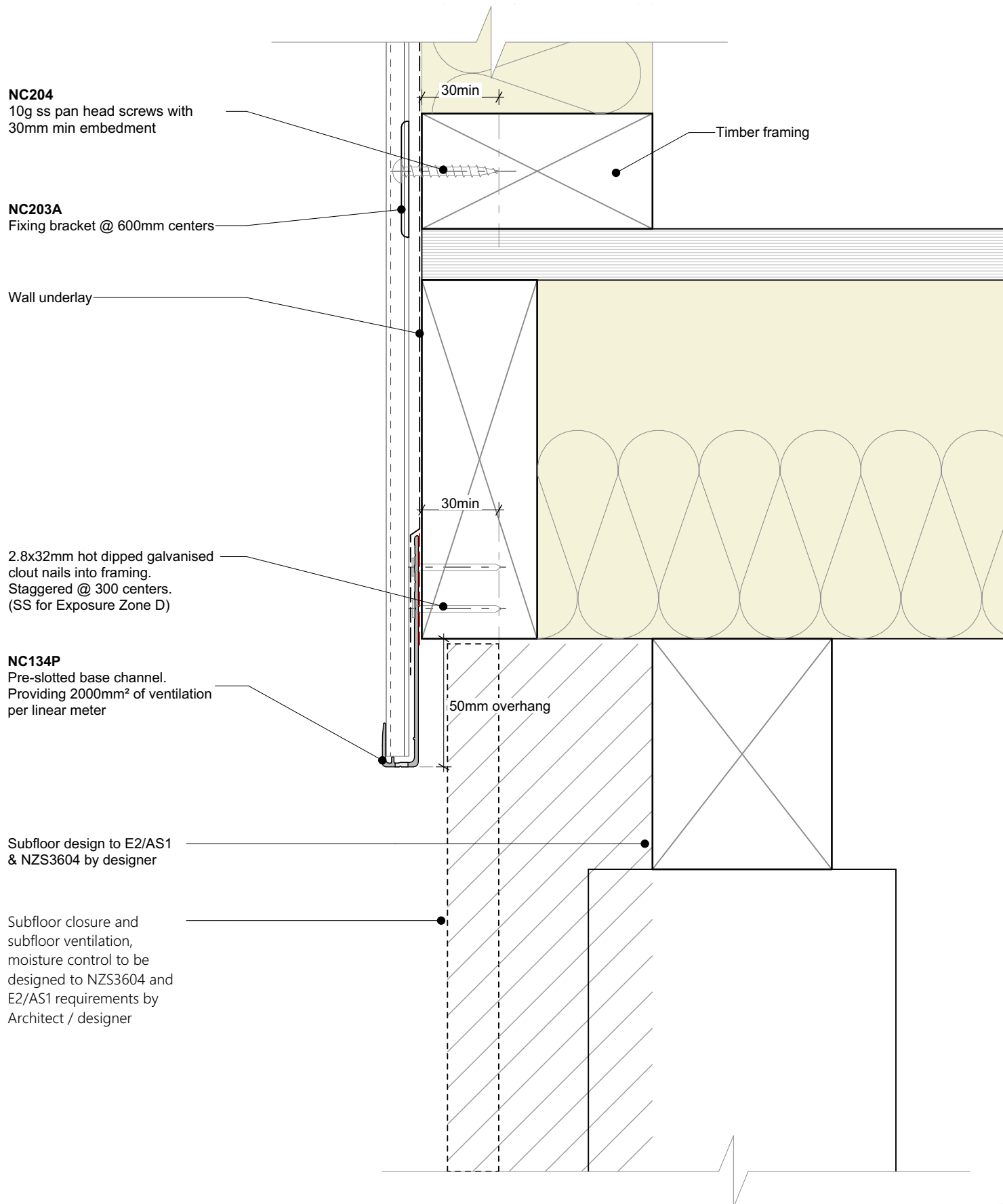
NW-VDF-002.02

Drawn by: Nu-Wall

Date: 02/07/2025

Checked by: RL, GT

Scale: 1:2 @ A4



Note:
• Standard fixing specification. May vary depending on wind load



Nu-Wall cladding vertical direct fix Typical base channel over timber floor

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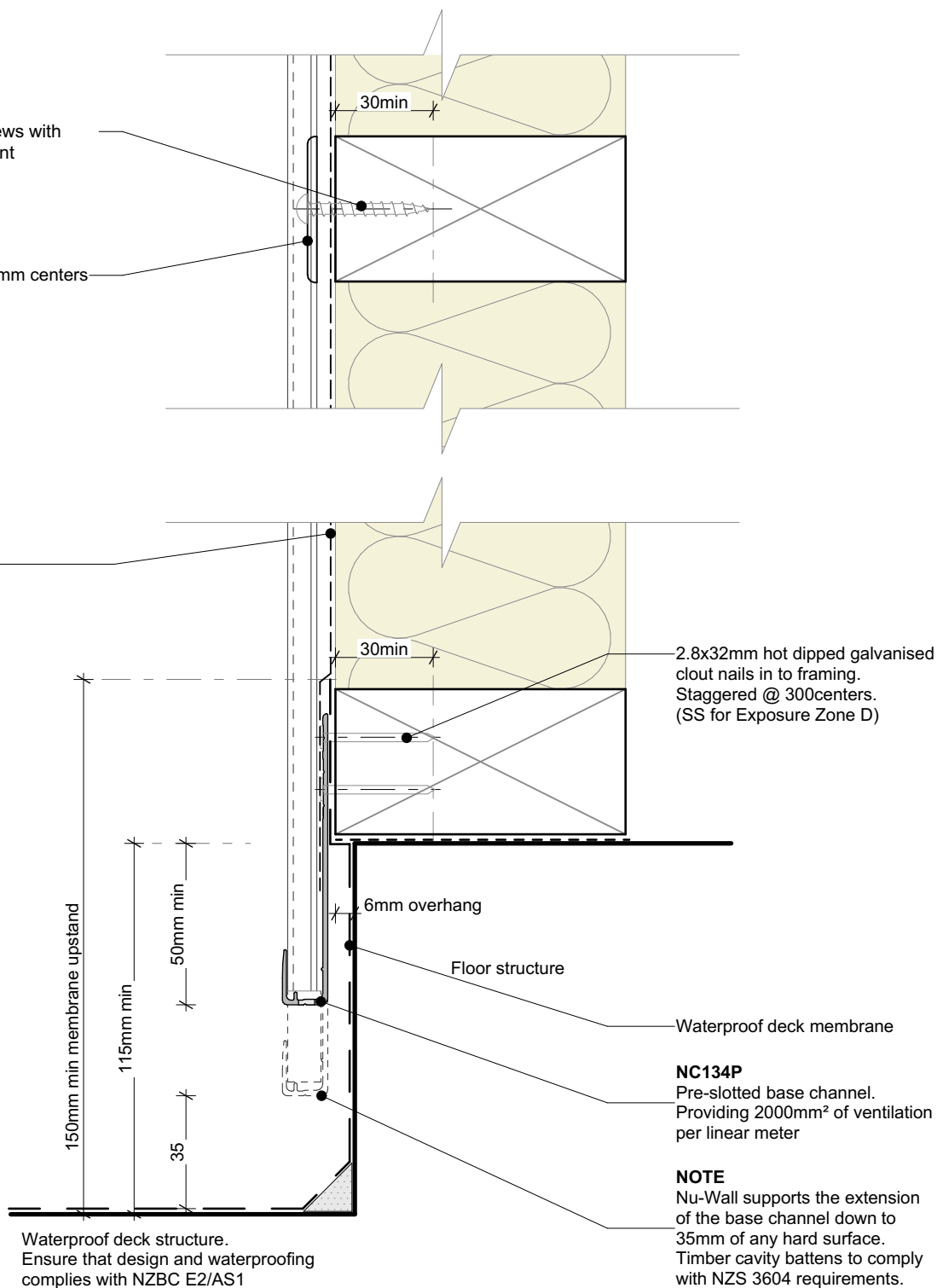
NW-VDF-003.02

Drawn by: Nu-Wall	Date: 02/07/2025
Checked by: RL, GT	Scale: 1:2 @ A4

NC204
10g ss pan head screws with
30mm min embedment

NC203A
Fixing bracket @ 600mm centers

Wall underlay



Note:
• Standard fixing specification. May vary depending on wind load



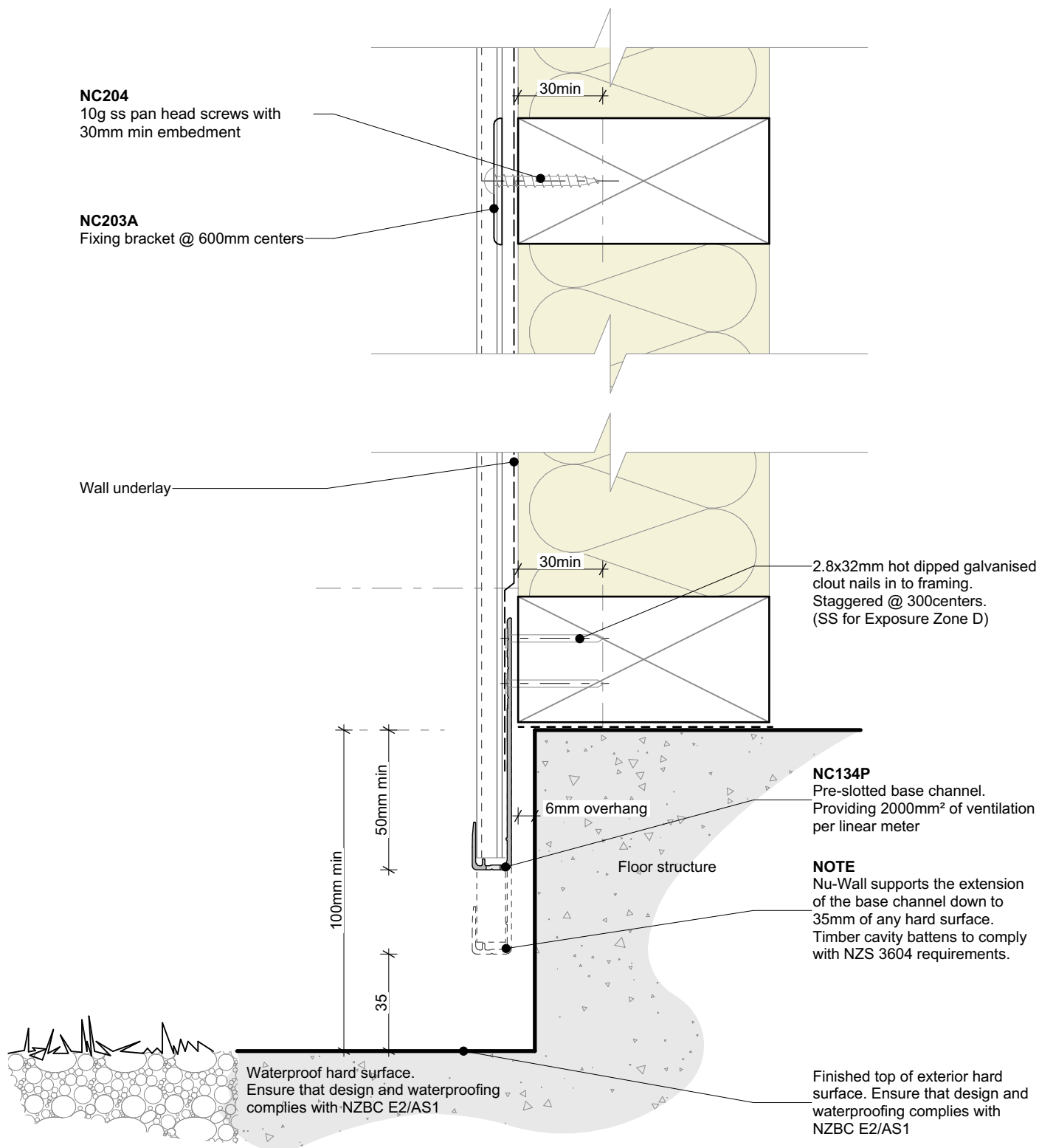
nu-wall
CLADDING

Nu-Wall cladding vertical direct fix Typical base channel over waterproof deck

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NW-VDF-004.02

Drawn by: Nu-Wall	Date: 02/07/2025
Checked by: RL, GT	Scale: 1:2 @ A4

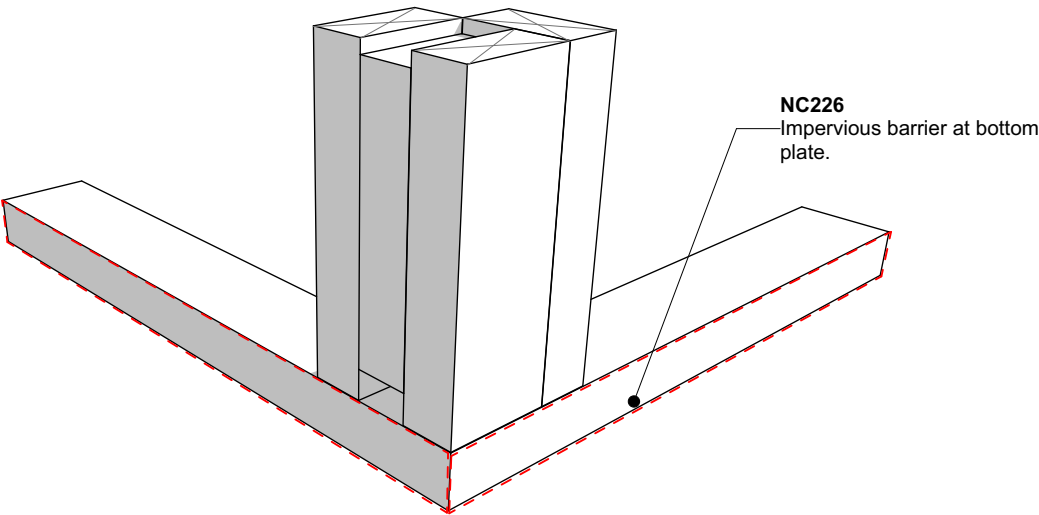


Note:
• Standard fixing specification. May vary depending on wind load

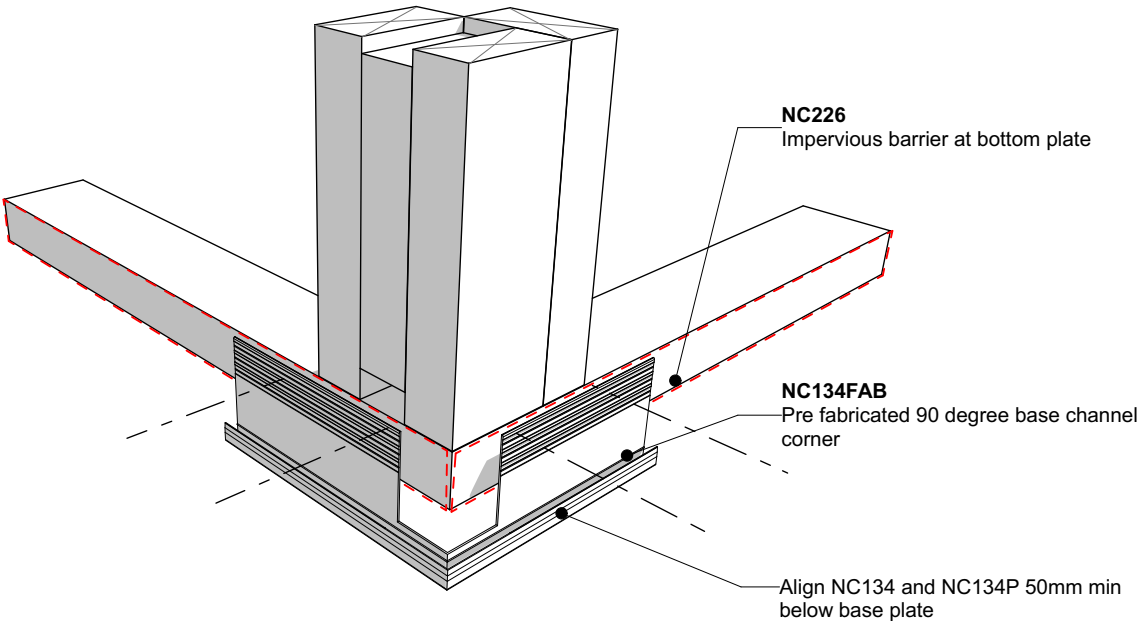


nu-wall CLADDING	Nu-Wall cladding vertical direct fix		NW-VDF-004b.02	
	Typical base channel over concrete slab		Drawn by: Nu-Wall	Date: 02/07/2025
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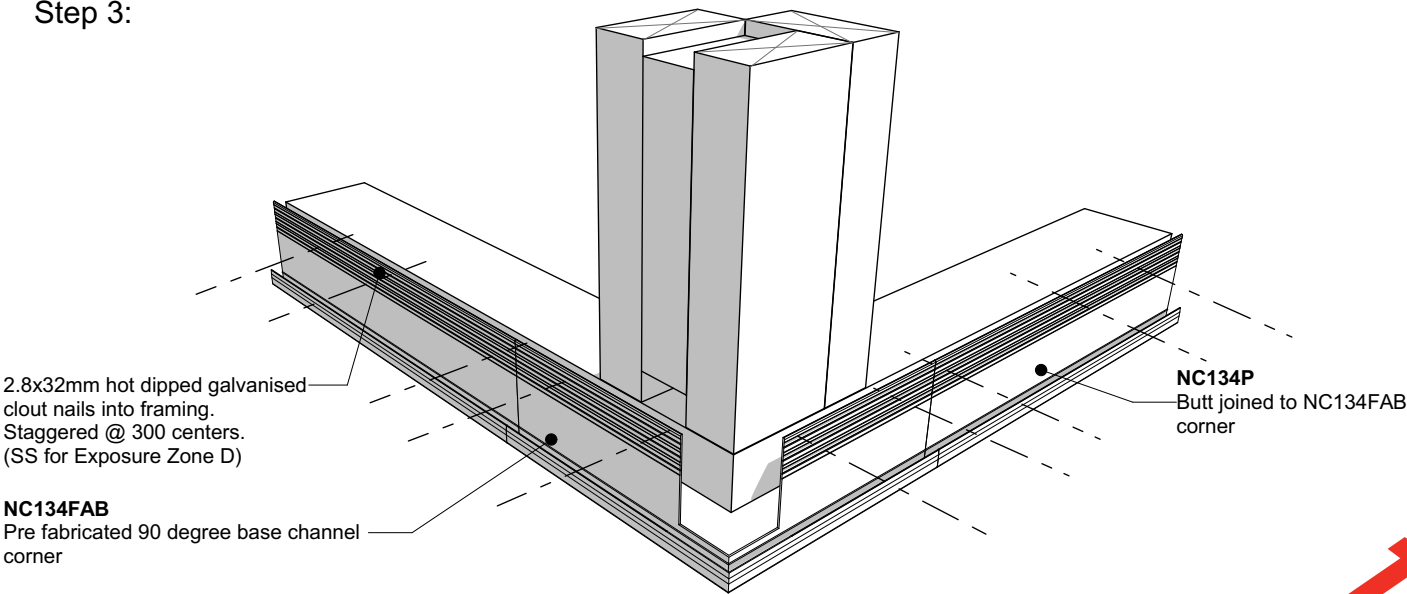
Step 1:



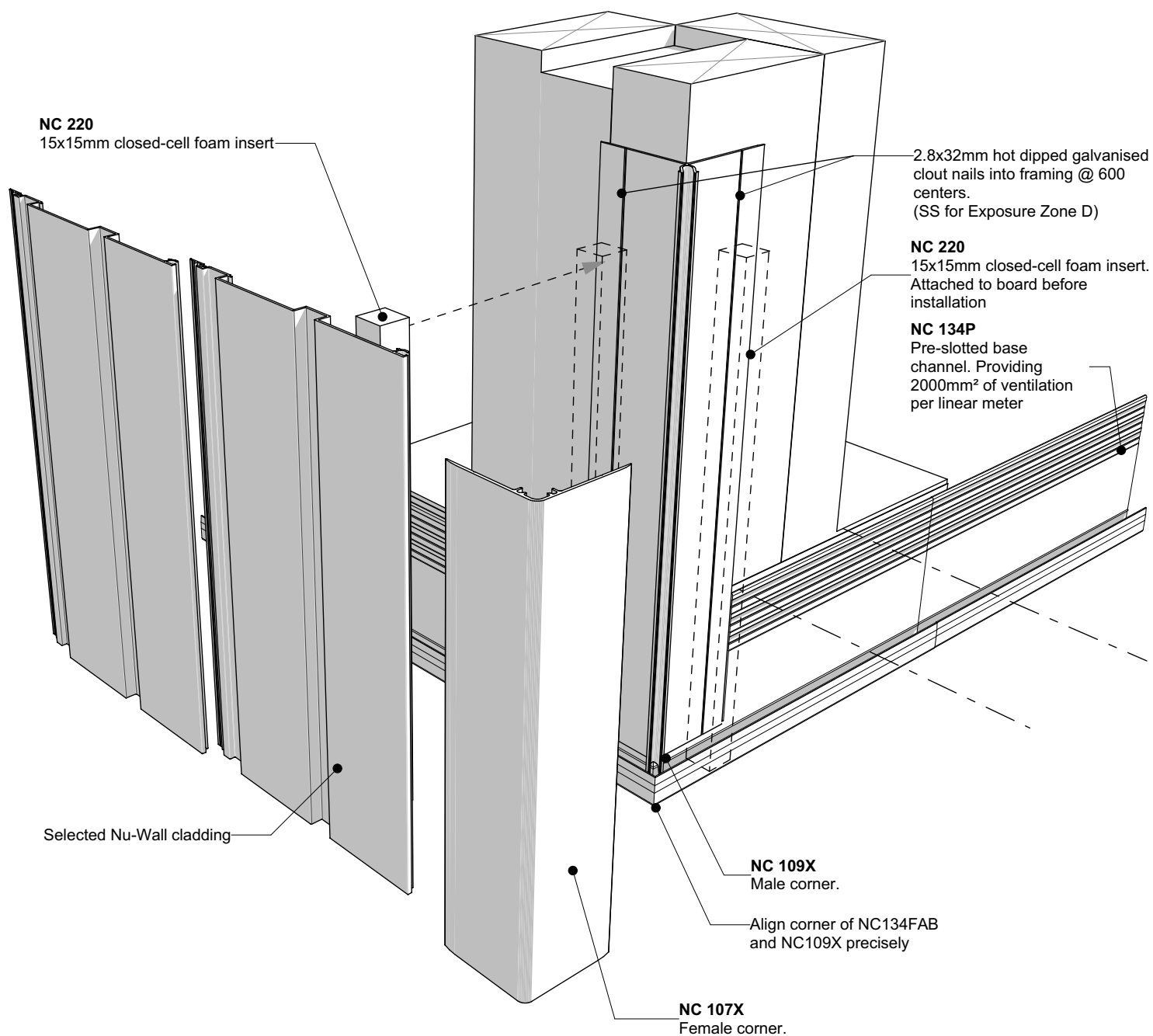
Step 2:



Step 3:



	Nu-Wall cladding vertical direct fix		NW-VDF-005.02	
	Pre-Fabricated 90 deg base channel corner		Drawn by: Nu-Wall	Date: 02/07/2025
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Nu-Wall cladding vertical direct fix Typical corner NC107X and NC109X assembly

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NW-VDF-006.02

Drawn by: Nu-Wall	Date: 02/07/2025
Checked by: RL, GT	Scale: NTS

2.8x32mm hot dipped galvanised clout
nails @ 600 centers.
(SS for Exposure Zone D)

NC203A
fixing clip @ 600 centers

Direction of installation

Last board ripped to fit

NC 204
10g ss csk screws with 30mm min
embedment through anti-crush packer
(by others)

NC 107X / NC 109X
Female/Male corner. Extends 50mm
below bottom plate

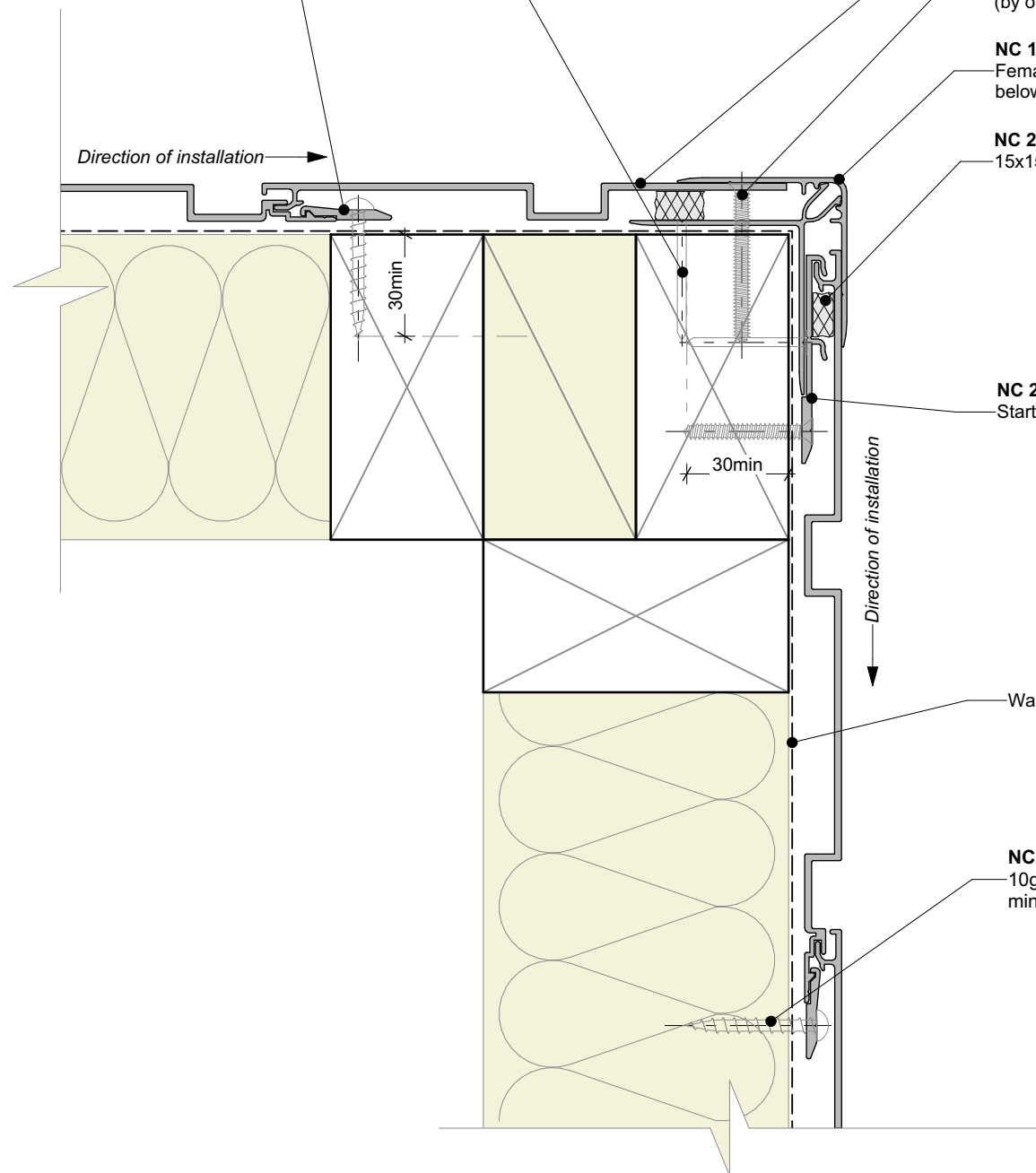
NC 220
15x15mm closed-cell foam insert

NC 232 F
Starter bracket

Direction of installation

Wall underlay

NC204
10g ss pan head screws with 30mm
min embedment



nu-wall
CLADDING

Nu-Wall cladding vertical direct fix Typical external 90 deg corner

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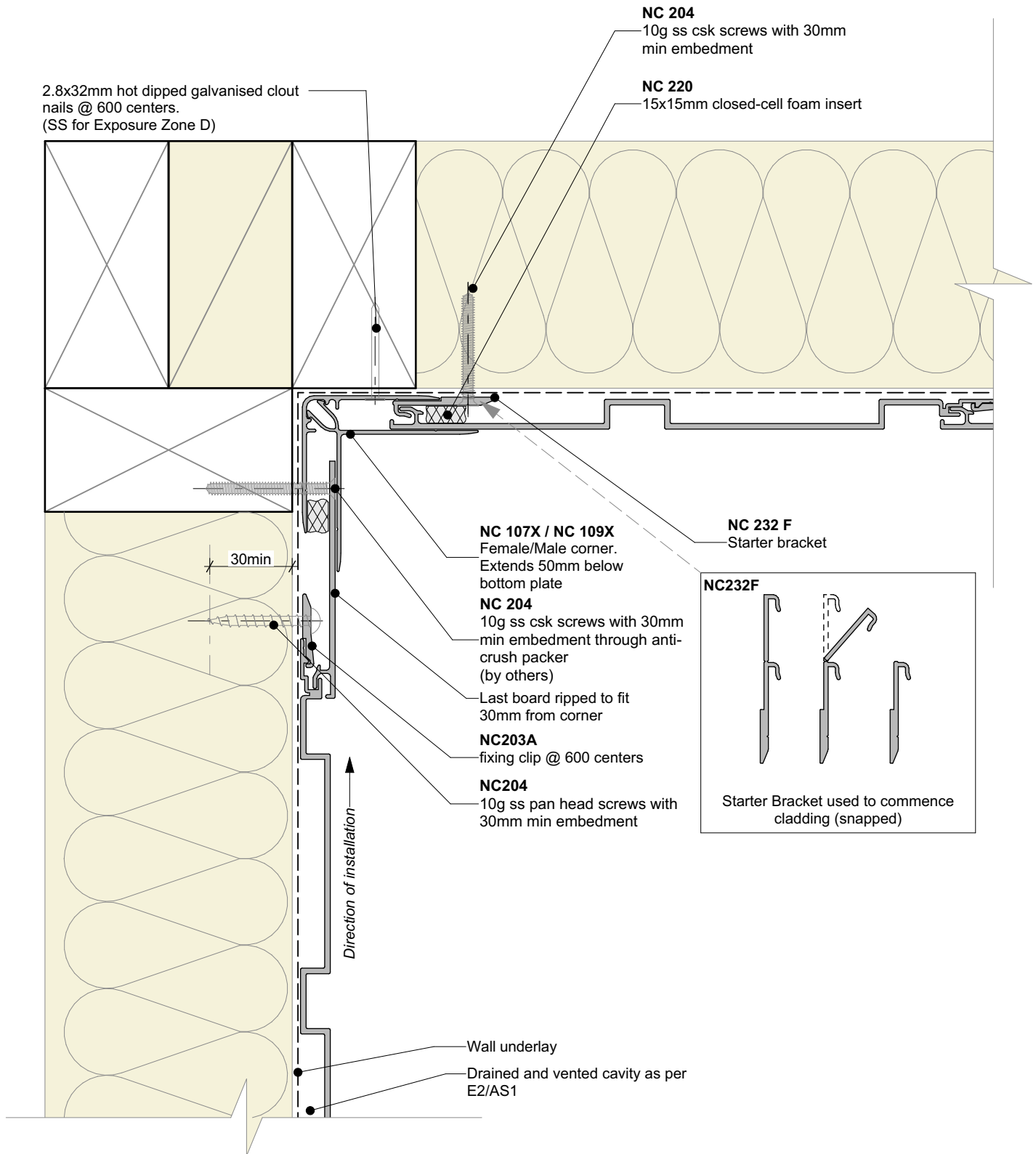
NW-VDF-007.02

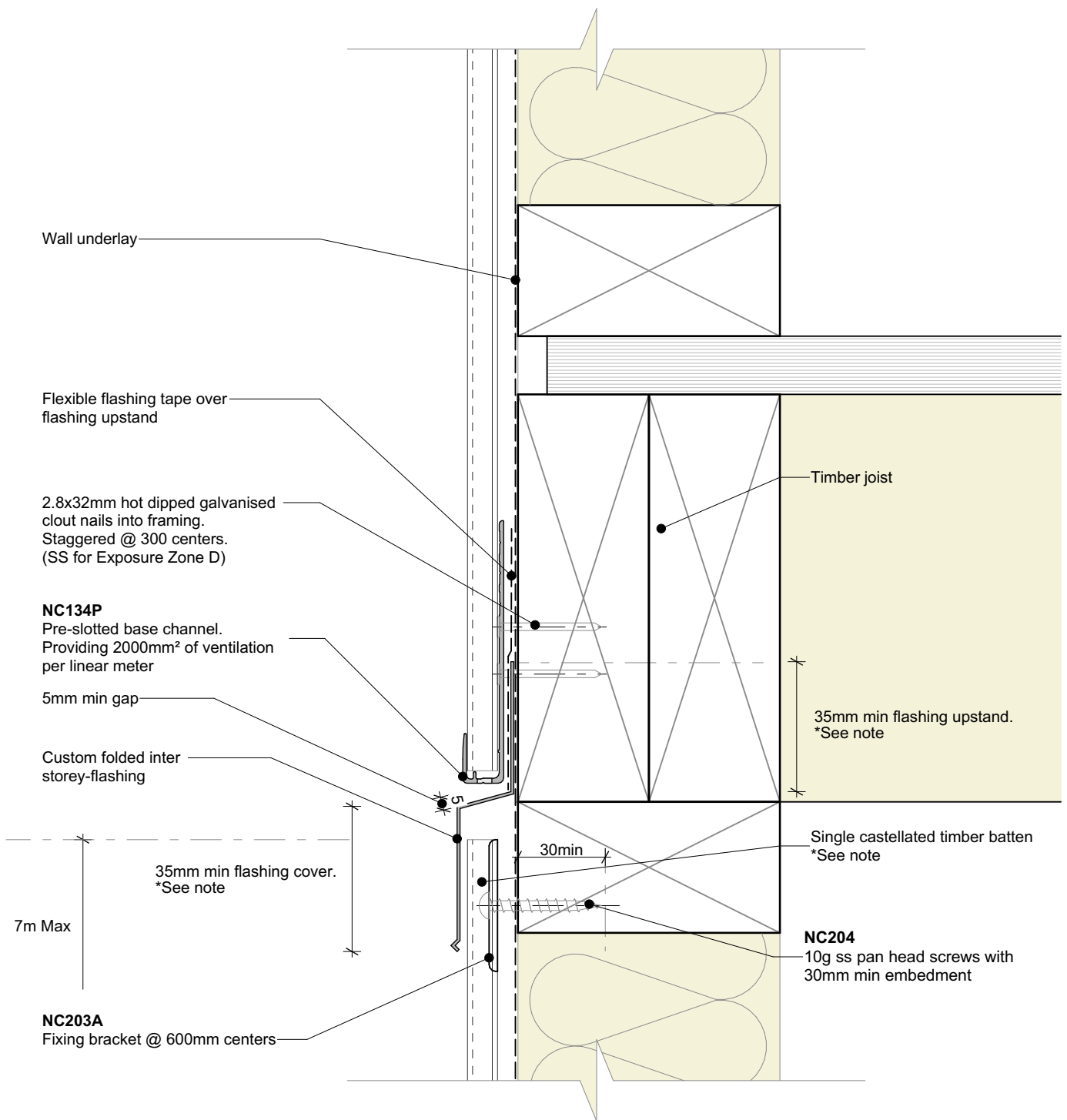
Drawn by: Nu-Wall

Date: 02/07/2025

Checked by: RL, GT

Scale: 1:2 @ A4





General note:

- This detail is to be used to limit continuous cavities to the lesser of two storeys or 7meters. Refer E2/AS1 Table 7 for flashing cover requirements

Inter storey flashing note:

- Nu-Wall offers pre-fabricated internal, external and stop-end sections. Contact Nu-Wall for assistance



nu-wall
CLADDING

Nu-Wall cladding vertical direct fix
Typical inter storey or horizontal joint

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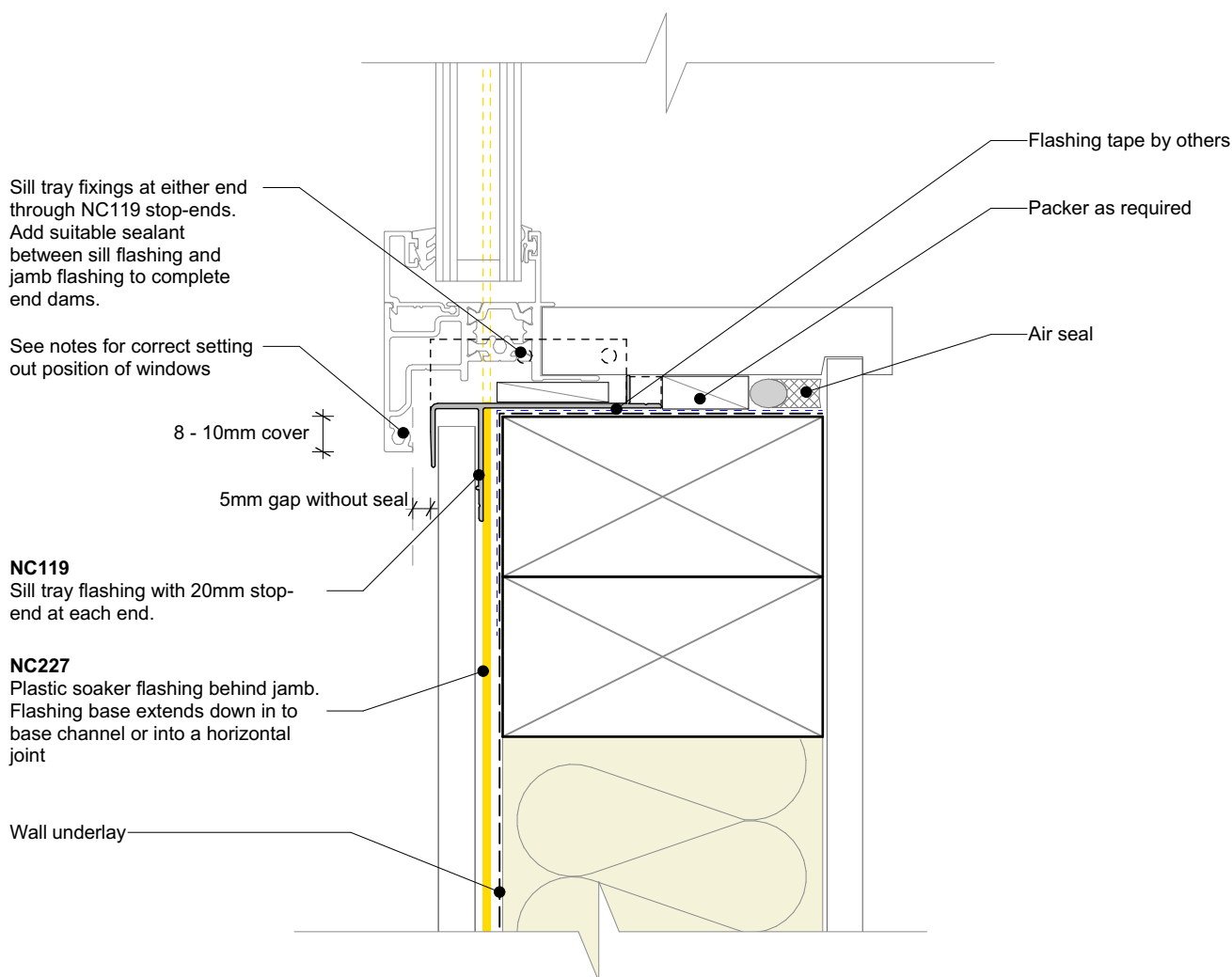
NW-VDF-009.02

Drawn by: Nu-Wall

Date: 02/07/2025

Checked by: RL, GT

Scale: 1:2 @ A4



General note:

- Cladding fixings omitted for clarity

Window setting out notes: (from face of air barrier)

- 24mm from wall underlay to window fin



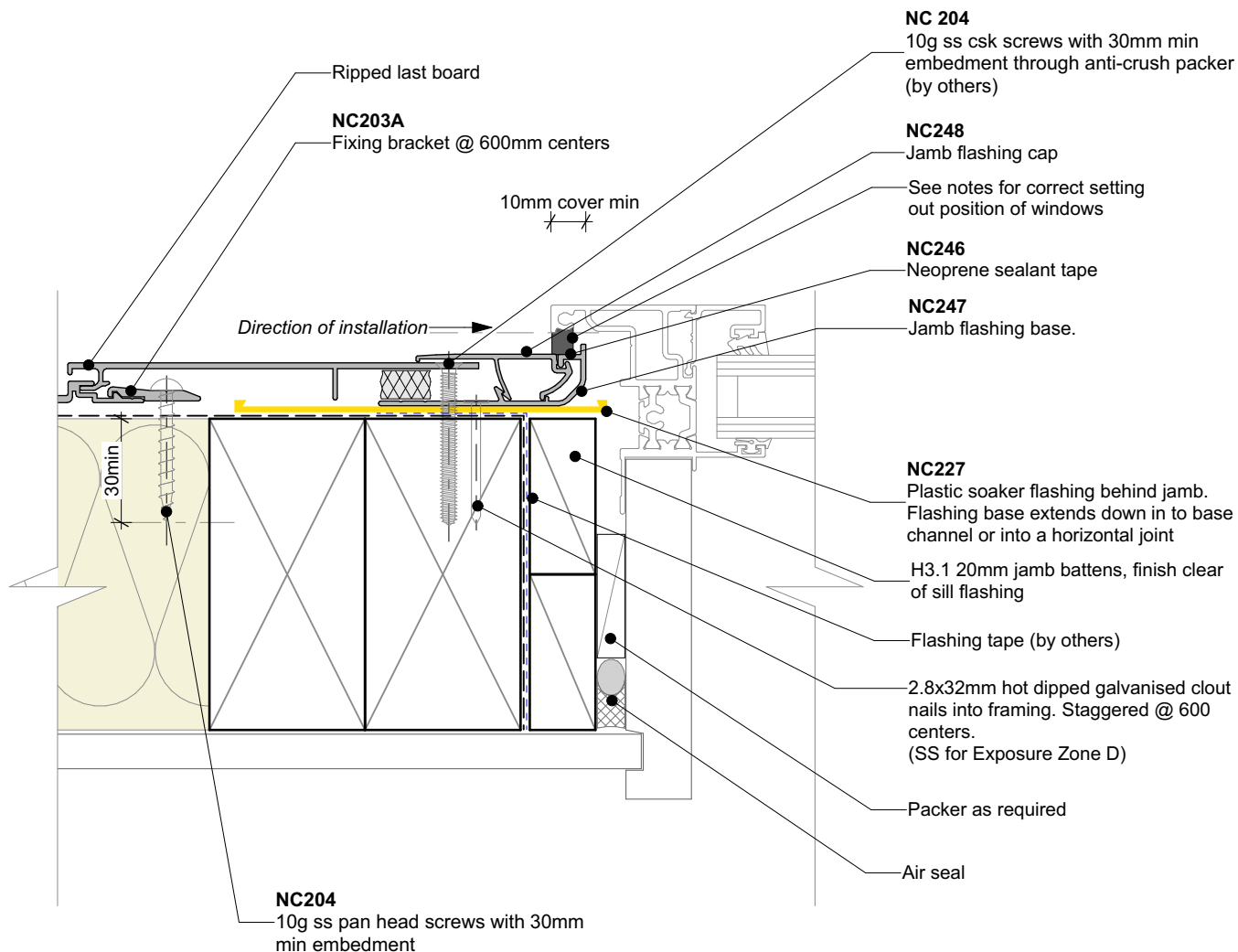
nu-wall
CLADDING

Nu-Wall cladding vertical direct fix
Typical sill section - NC247 and NC248 assembly

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NW-VDF-010.02

Drawn by: Nu-Wall	Date: 02/07/2025
Checked by: RL, GT	Scale: 1:2 @ A4



General note:

- Cladding fixings omitted for clarity

Window setting out notes: (from face of air barrier)

- 24mm from underlay to window fin



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CLADDING

Nu-Wall cladding vertical direct fix

Typical jamb section - NC247 and NC248 assembly

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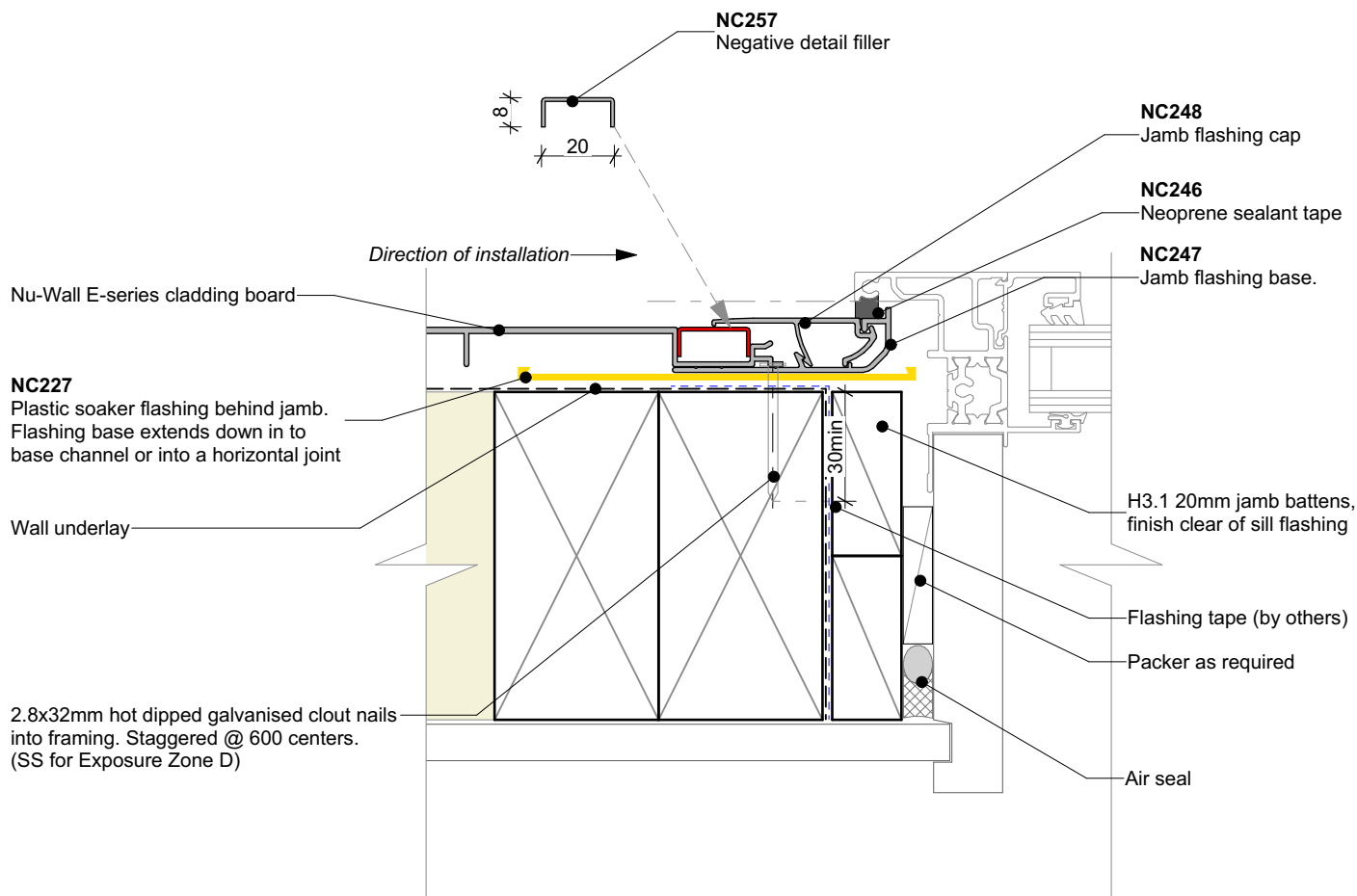
NW-VDF-011.02

Drawn by: Nu-Wall

Date: 02/07/2025

Checked by: RL, GT

Scale: 1:2 @ A4



General note:

- Cladding fixings omitted for clarity

Window setting out notes: (from face of air barrier)

- 24mm from underlay to window fin



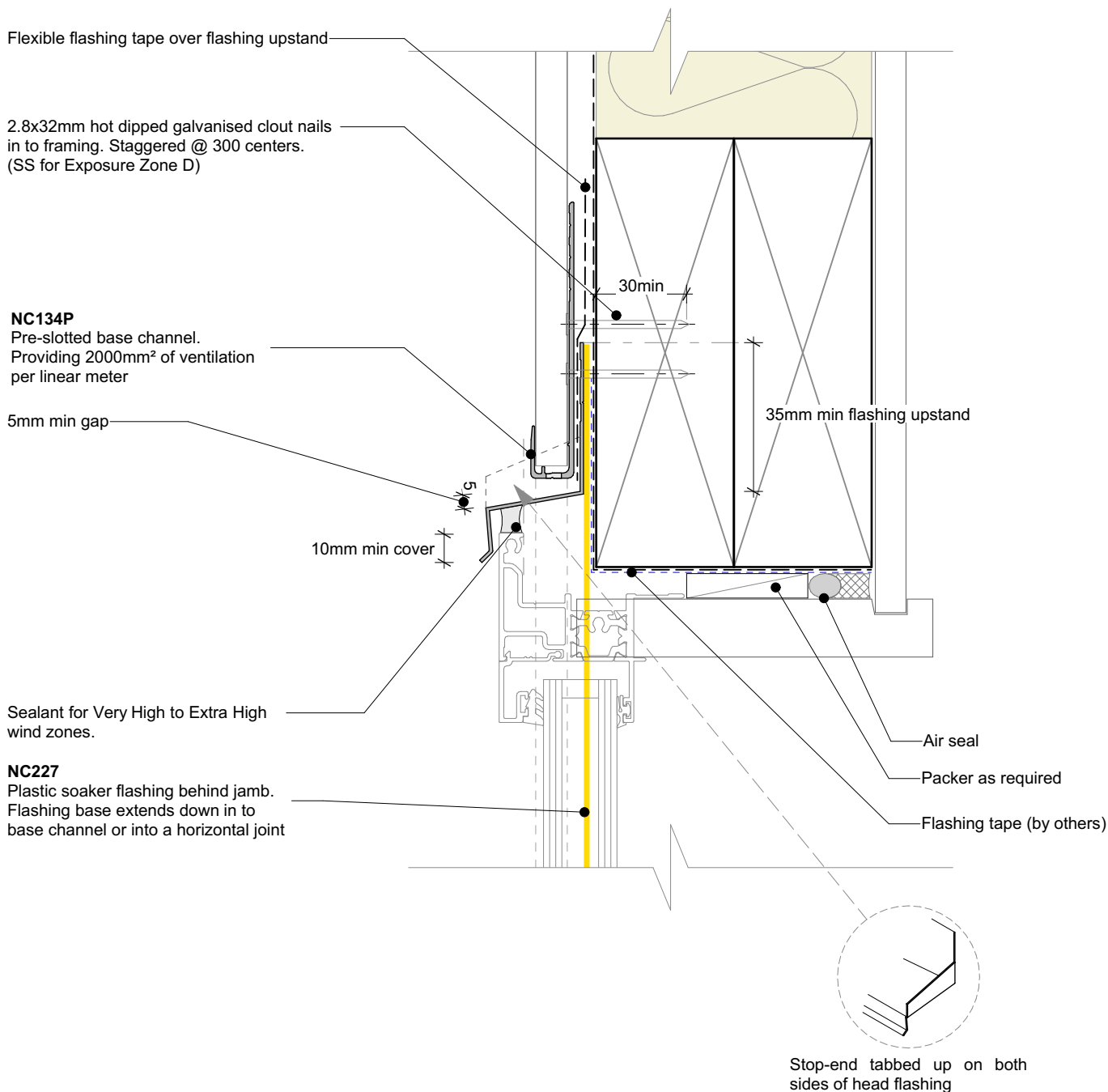
nu-wall
CLADDING

Nu-Wall cladding vertical direct fix
Typical jamb section with negative detail filler

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NW-VDF-012.02

Drawn by: Nu-Wall	Date: 02/07/2025
Checked by: RL, GT	Scale: 1:2 @ A4



General note:

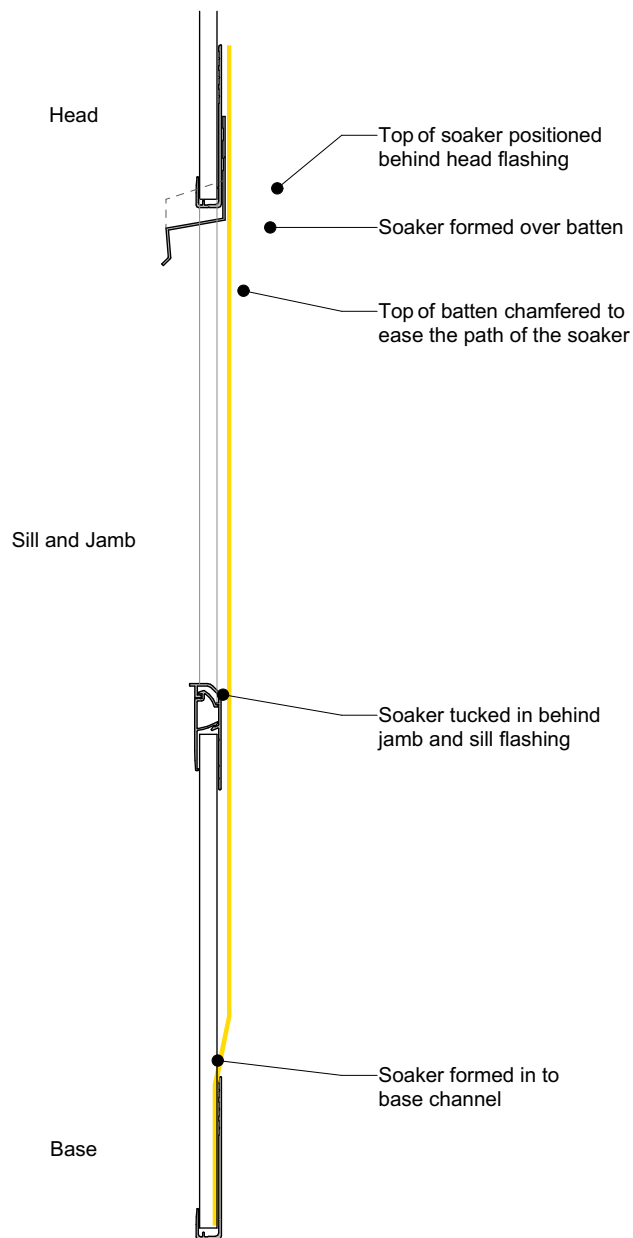
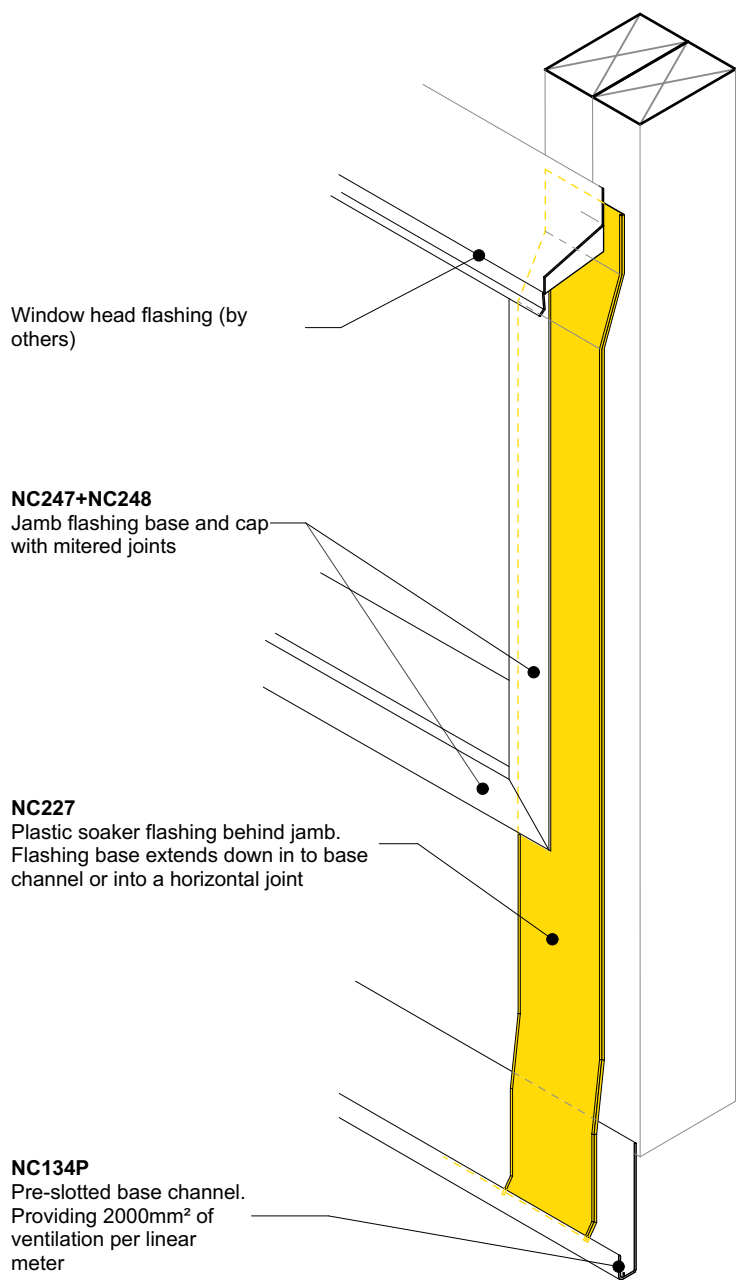
- Cladding fixings omitted for clarity

Window setting out notes: (from face of air barrier)

- 24mm from underlay to window fin



	Nu-Wall cladding vertical direct fix		NW-VDF-013.02	
	Typical head section		Drawn by: Nu-Wall	Date: 02/07/2025
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CLADDING

Nu-Wall cladding vertical direct fix Soaker installation to window jamb

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NW-VDF-014.02

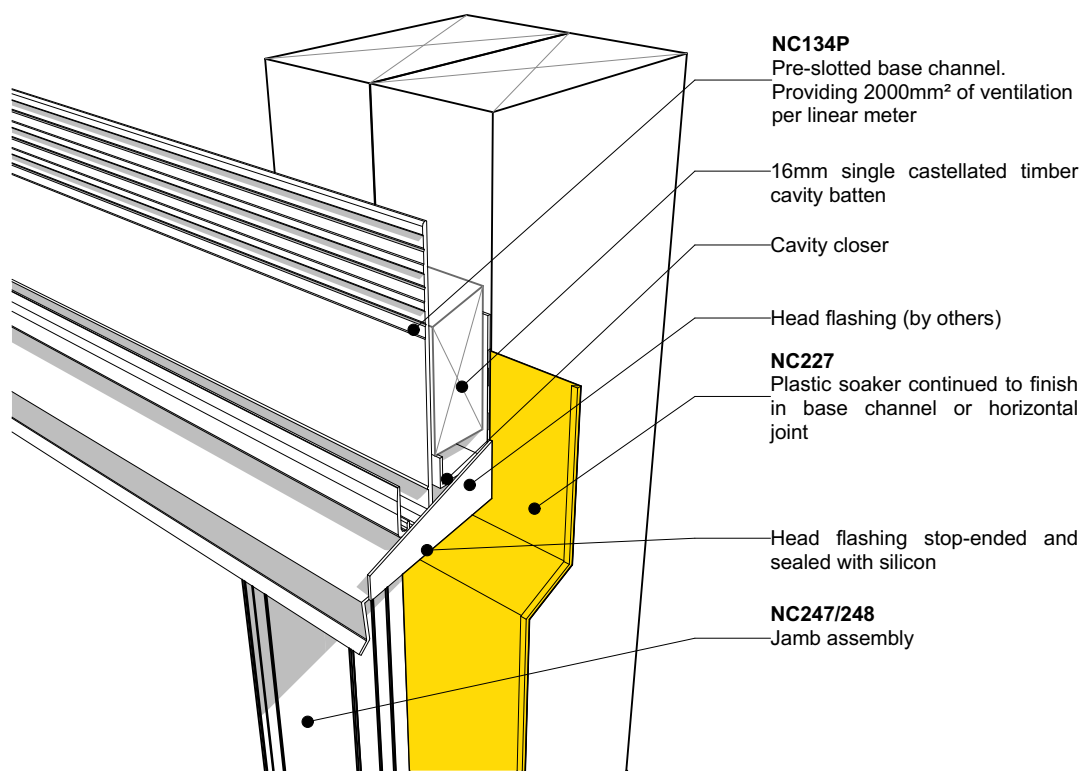
Drawn by: Nu-Wall

Date: 02/07/2025

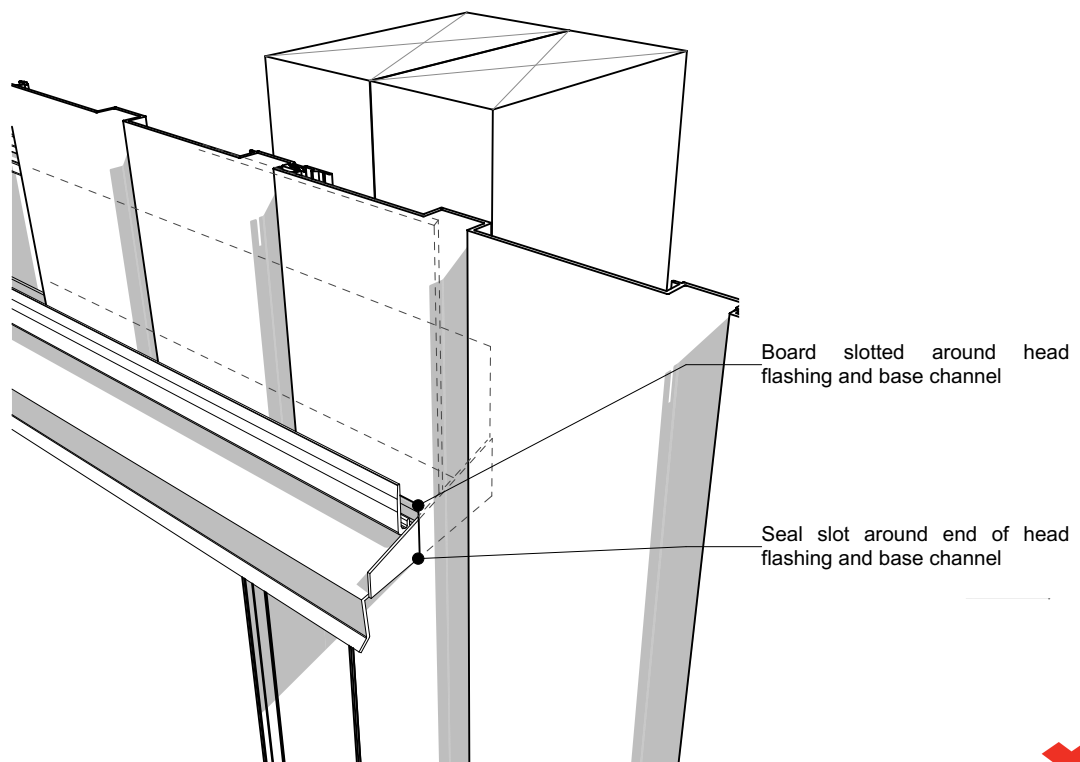
Checked by: RL, GT

Scale: 1:2 @ A4

Junction prior to cladding around window head



Junction after cladding around window head



Nu-Wall cladding vertical direct fix
Typical head flashing end detail

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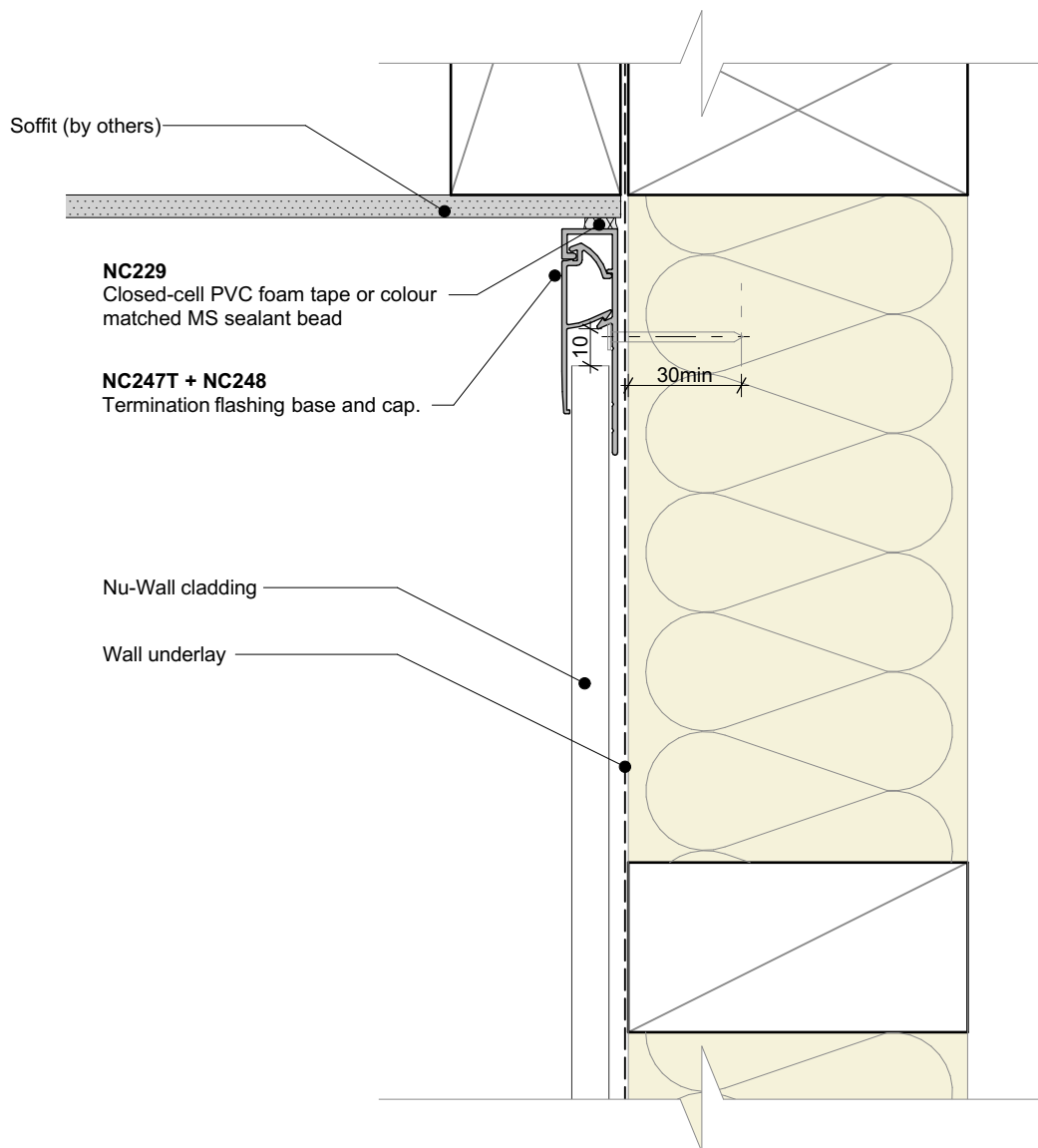
NW-VDF-015.02

Drawn by: Nu-Wall

Date: 02/07/2025

Checked by: RL, GT

Scale: NTS



General note:

- Cladding fixings omitted for clarity



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**Nu-Wall cladding vertical direct fix
Typical soffit trim**

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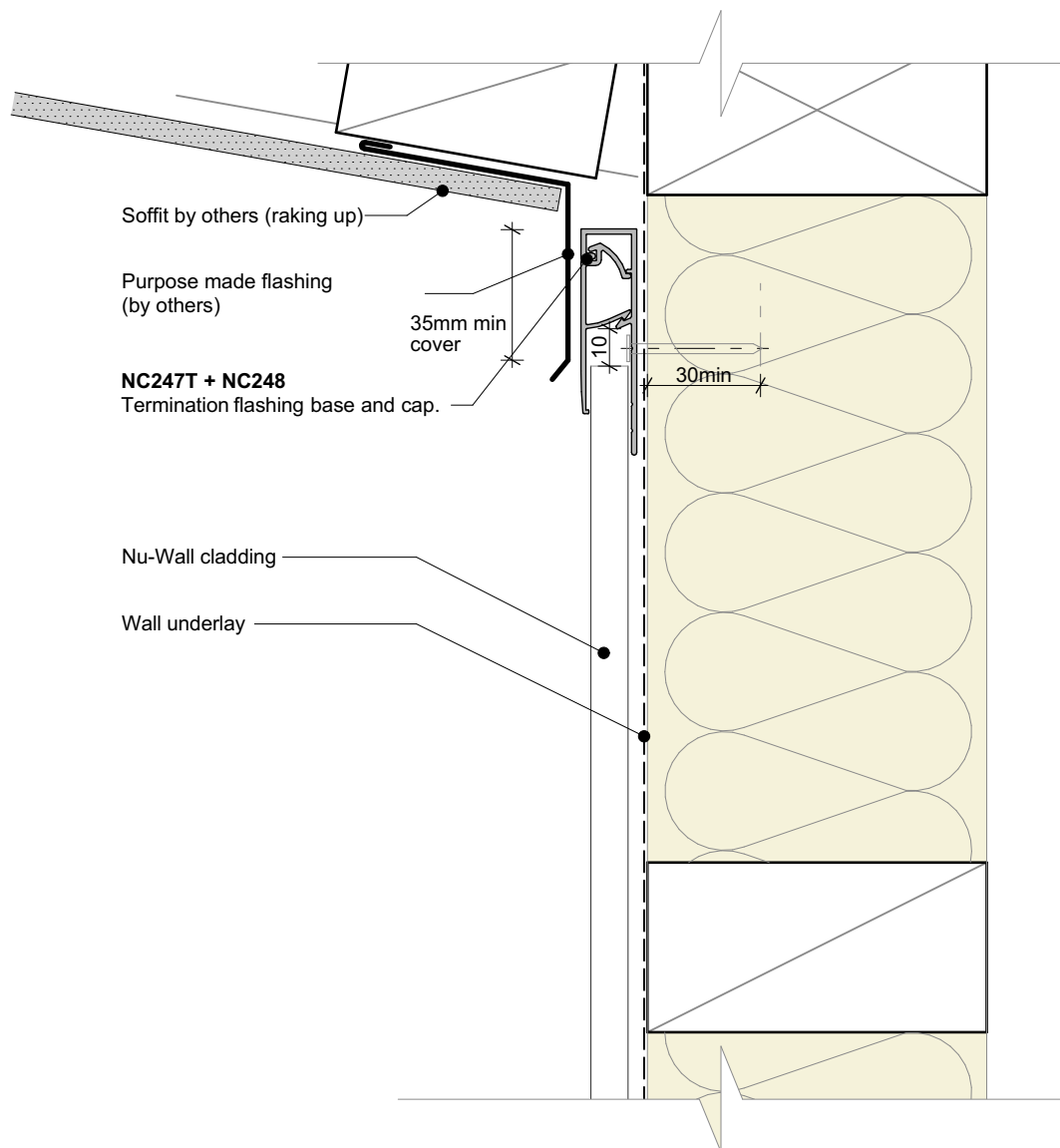
NW-VDF-016a.03

Drawn by: Nu-Wall

Date: 02/07/2025

Checked by: RL, GT

Scale: 1:2 @ A4

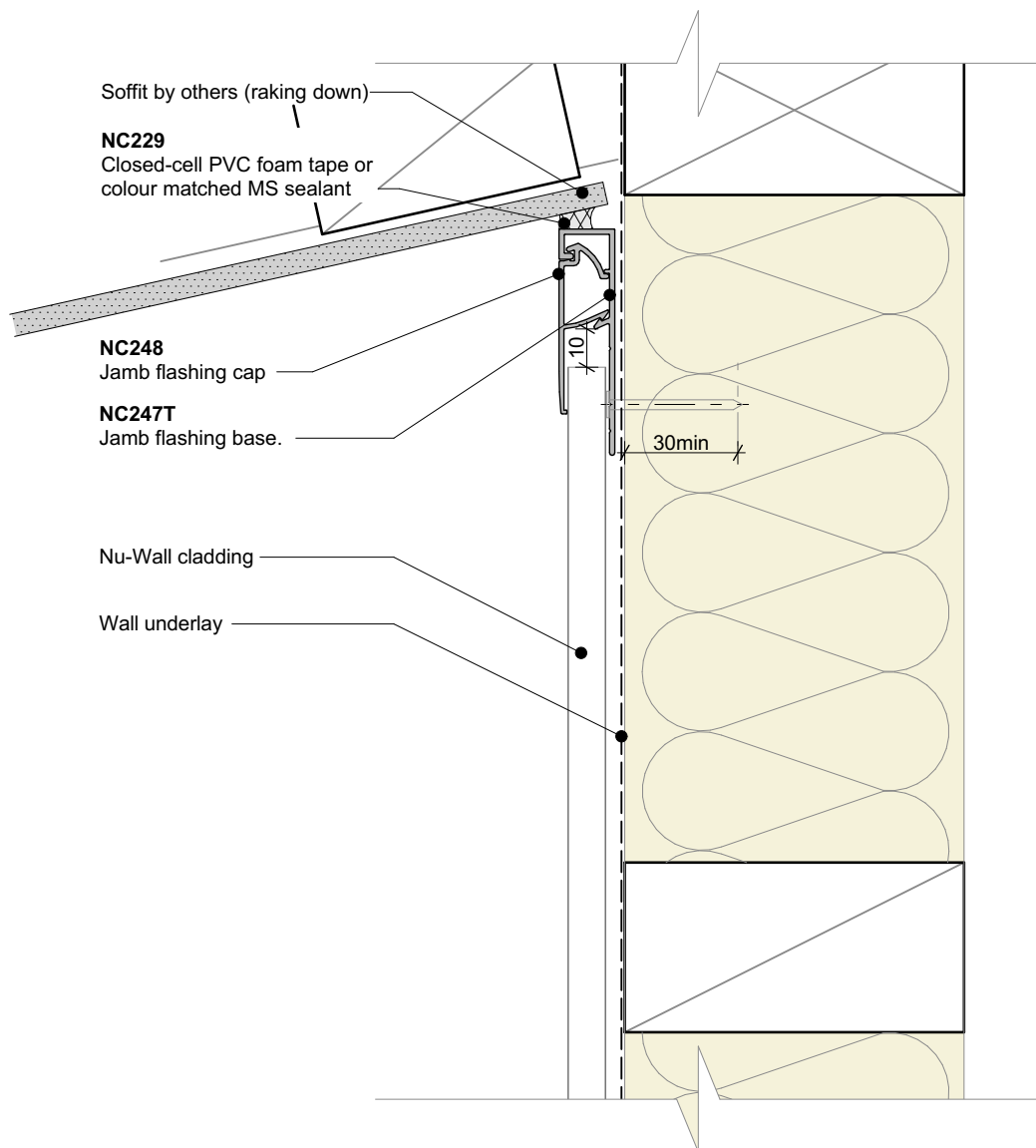


General note:

- Cladding fixings omitted for clarity



	Nu-Wall cladding vertical direct fix		NW-VDF-016b.03	
	Typical raking soffit		Drawn by: Nu-Wall	Date: 02/07/2025
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General note:

- Cladding fixings omitted for clarity



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CLADDING

Nu-Wall cladding vertical direct fix
Typical inverse raking soffit

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NW-VDF-016c.03

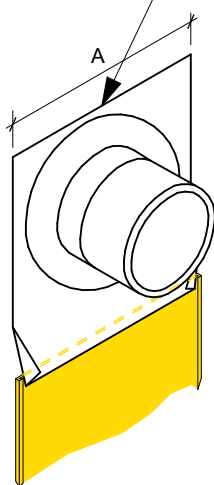
Drawn by: Nu-Wall

Date: 02/07/2025

Checked by: RL, GT

Scale: 1:2 @ A4

A = Pipe diameter
+ 100mm



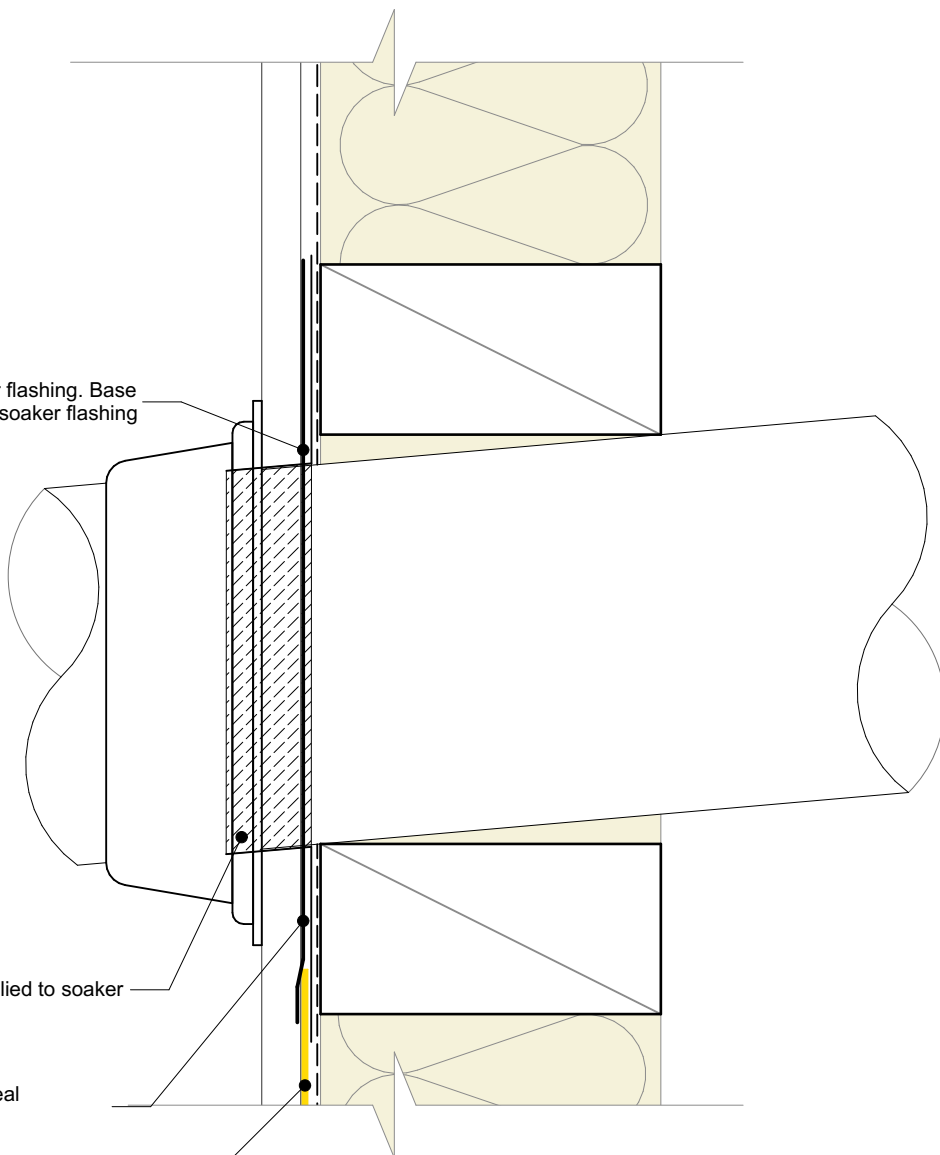
0.7mm Aluminium soaker flashing. Base tapered to fit in to plastic soaker flashing

Flexible flashing tape applied to soaker and pipe

Proprietary penetration seal (by others)

NC227

Plastic soaker flashing. Base extends down in to base channel.



General note:

- Cladding fixings omitted for clarity



nu-wall
CLADDING

**Nu-Wall cladding vertical direct fix
Typical pipe penetration**

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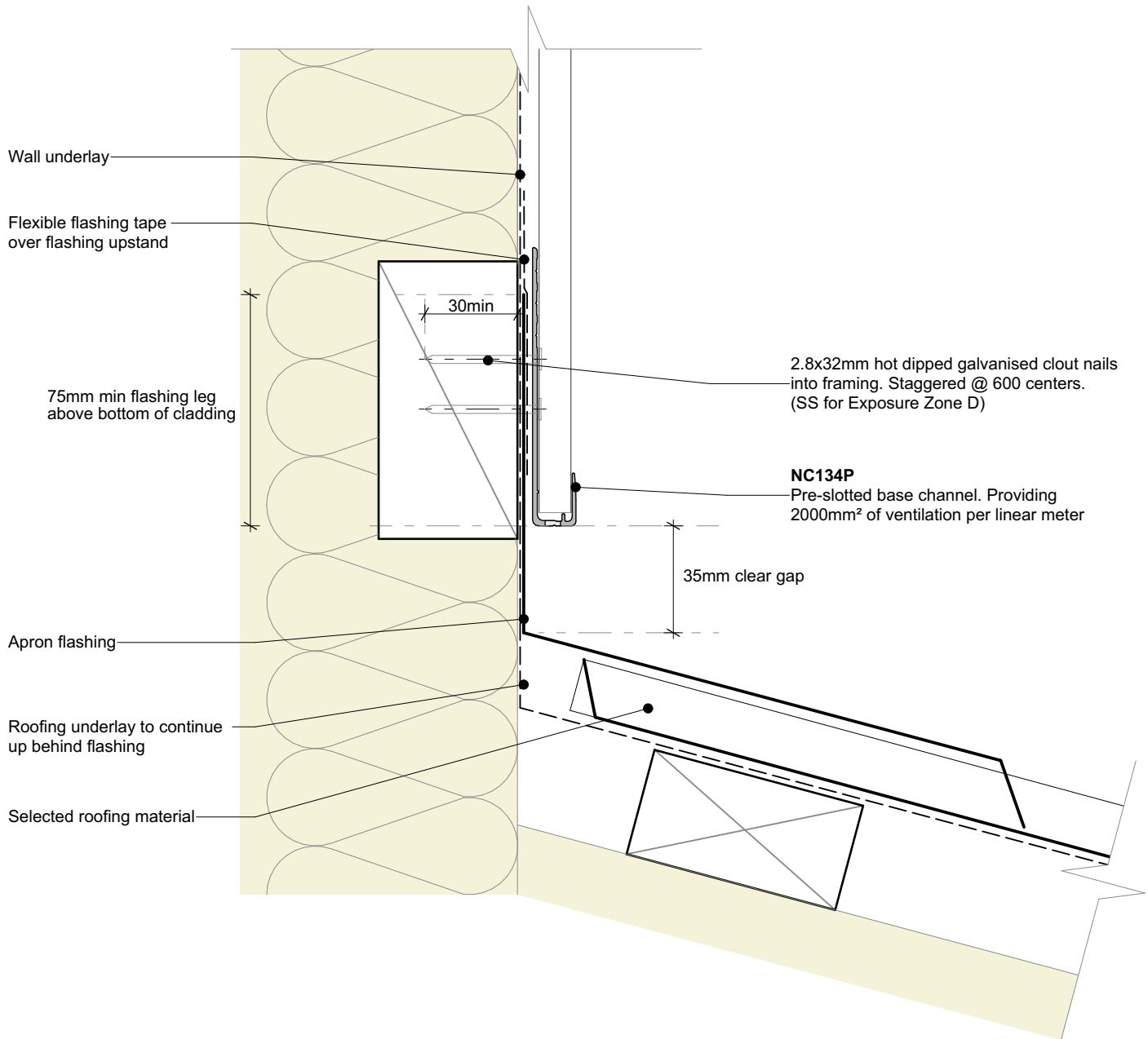
NW-VDF-017.02

Drawn by: Nu-Wall

Date: 02/07/2025

Checked by: RL, GT

Scale: 1:2 @ A4



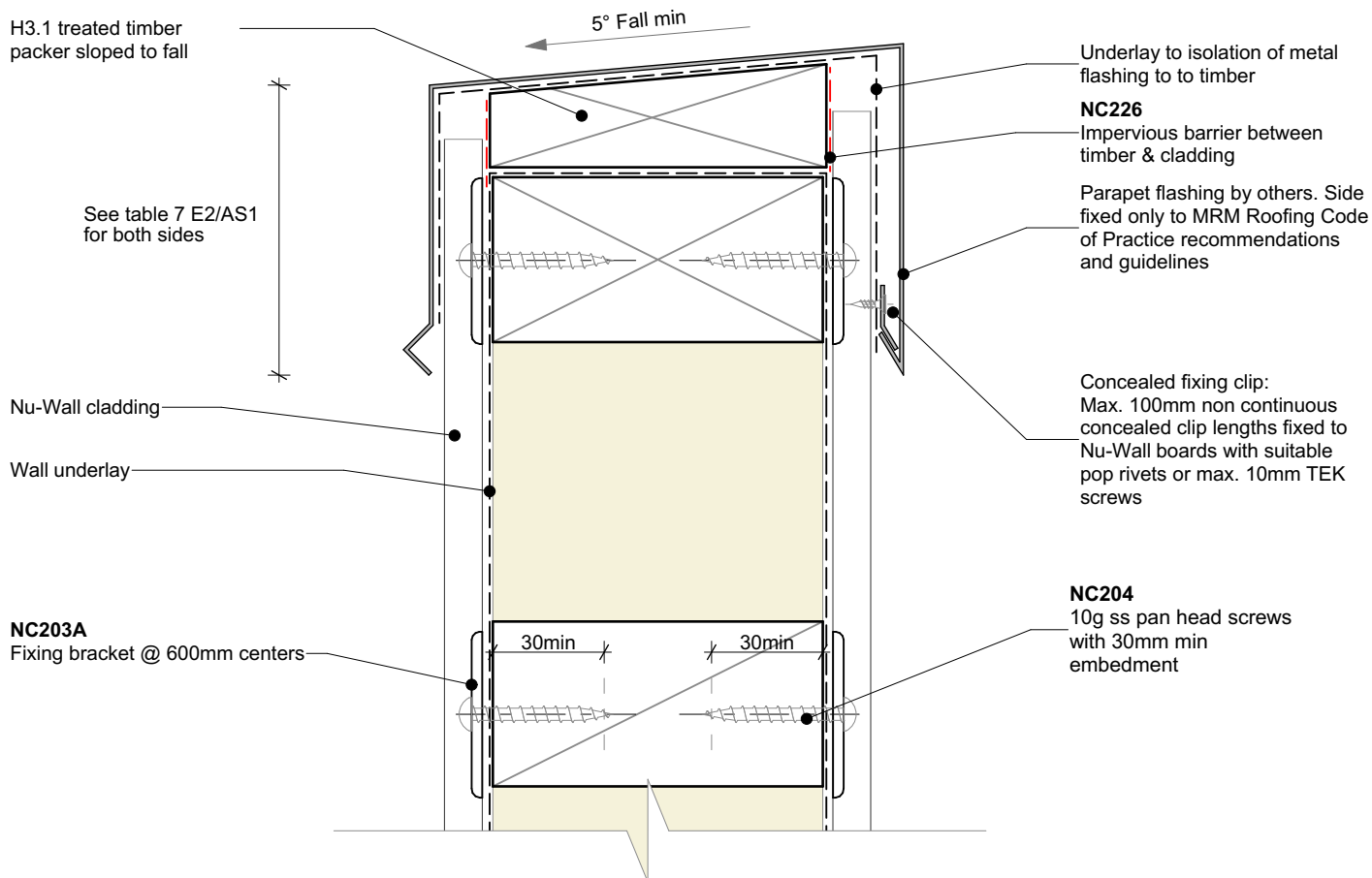
General note:
 • Cladding fixings omitted for clarity



Nu-Wall cladding vertical direct fix Typical apron, roof to wall junction

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NW-VDF-018.02	
Drawn by: Nu-Wall	Date: 02/07/2025
Checked by: RL, GT	Scale: 1:2 @ A4

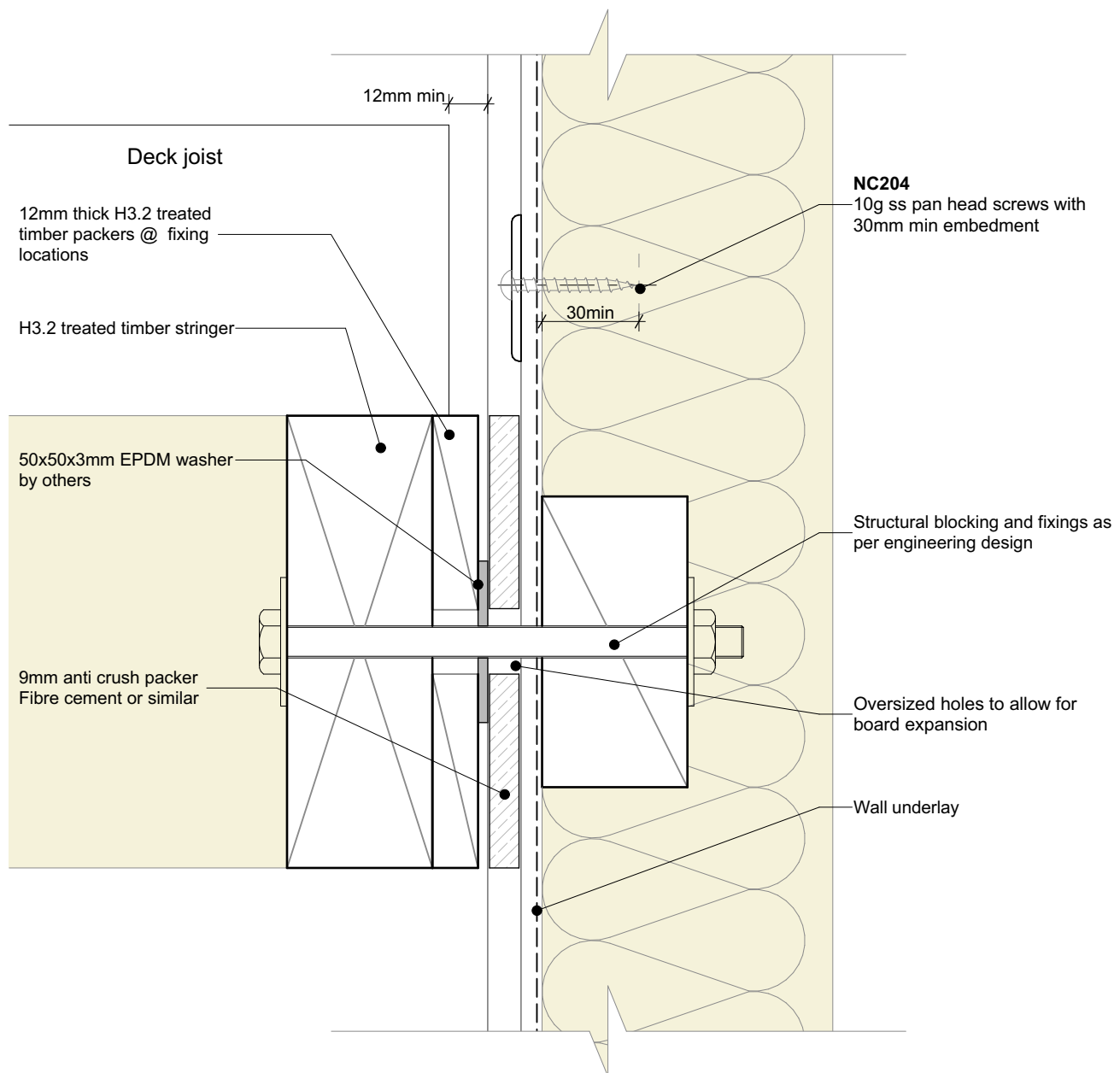


General note:

- Cladding fixings omitted for clarity



	Nu-Wall cladding vertical direct fix		NW-VDF-019.02	
	Typical parapet to wall		Drawn by: Nu-Wall	Date: 02/07/2025
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Important:

- Nu-Wall is a hollow profile and requires packers to prevent crushing under pressure

General note:

- Cladding fixings omitted for clarity



nu-wall
CLADDING

Nu-Wall cladding vertical direct fix
Typical deck to wall junction

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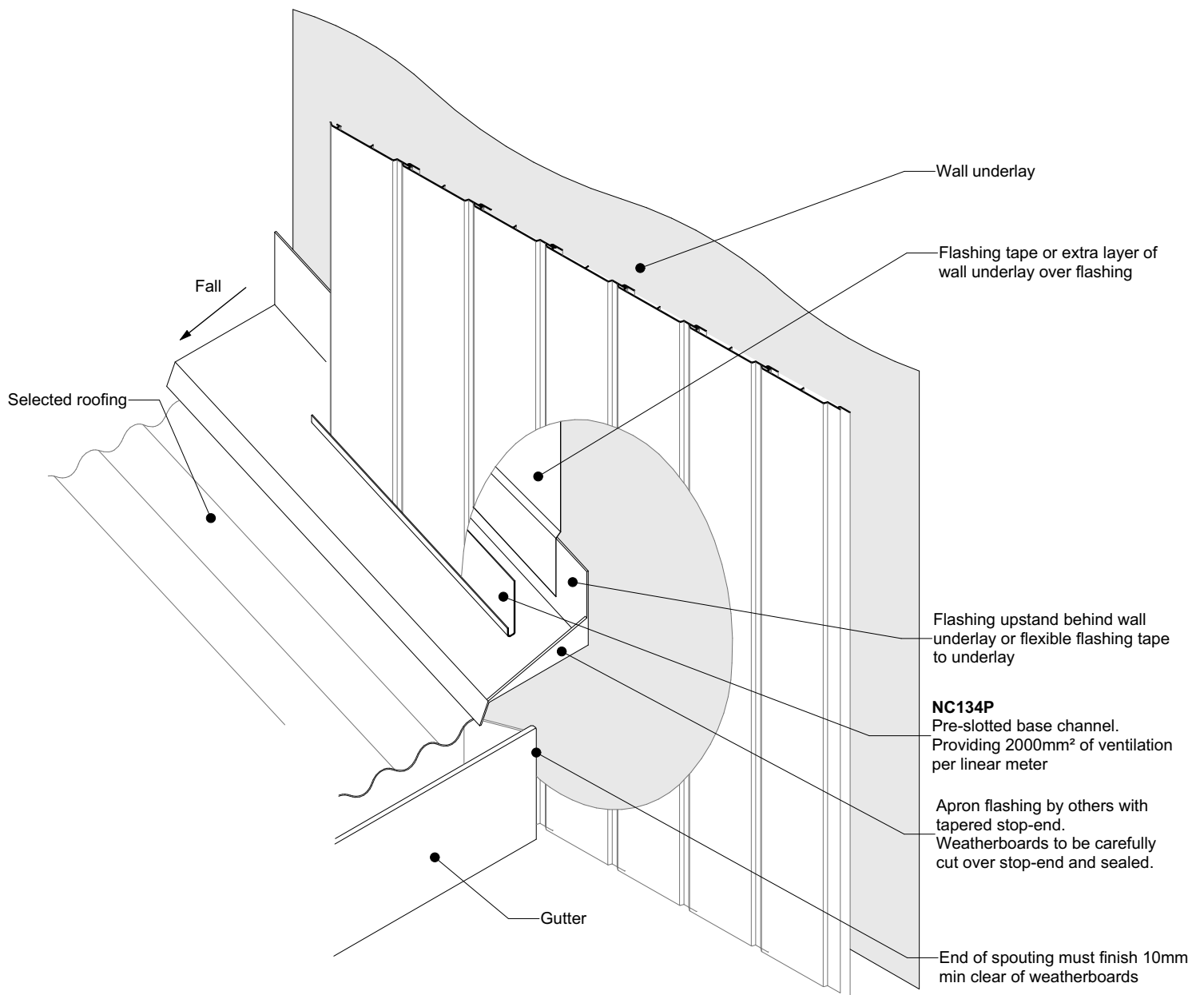
NW-VDF-020.02

Drawn by: Nu-Wall

Date: 02/07/2025

Checked by: RL, GT

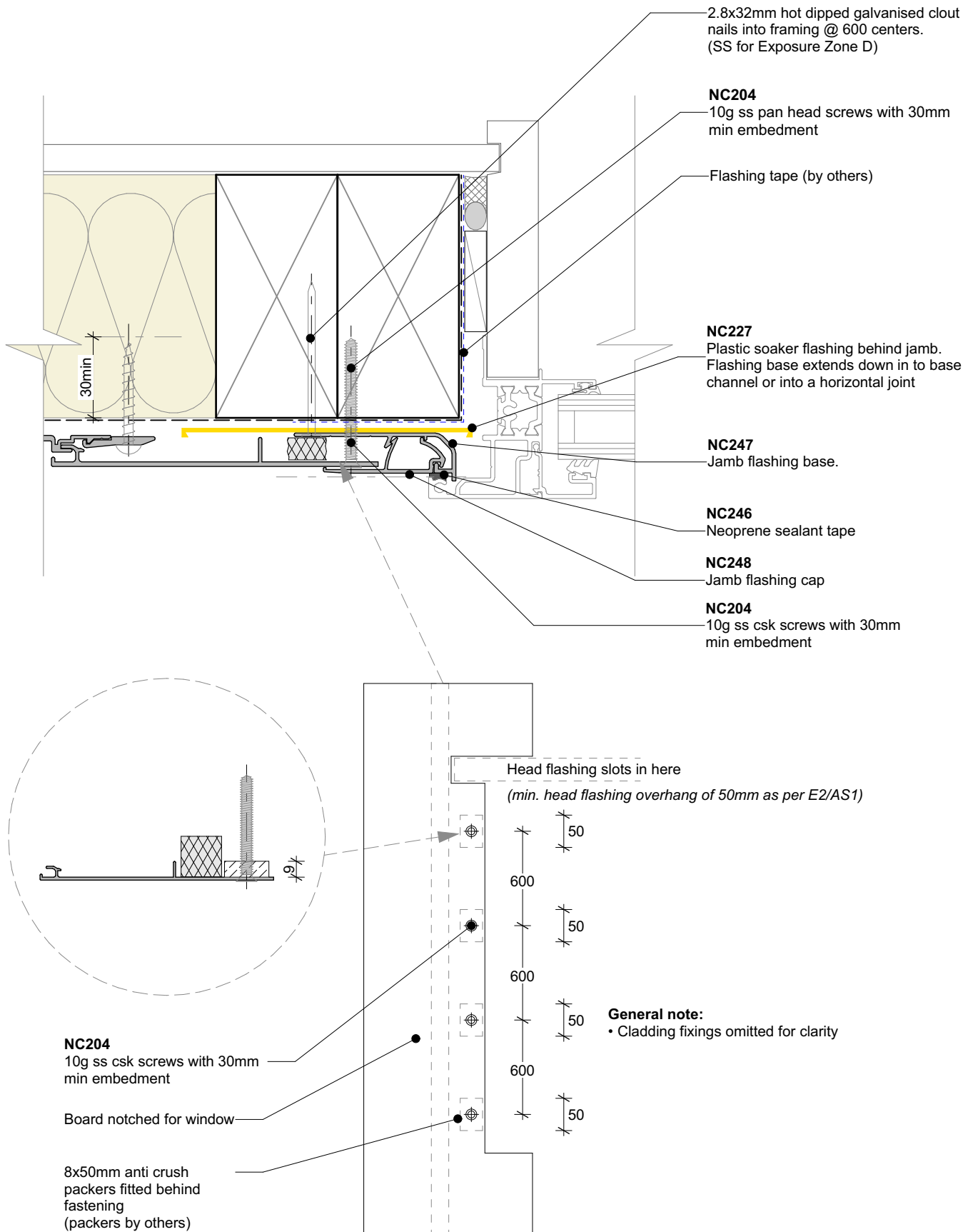
Scale: 1:2 @ A4

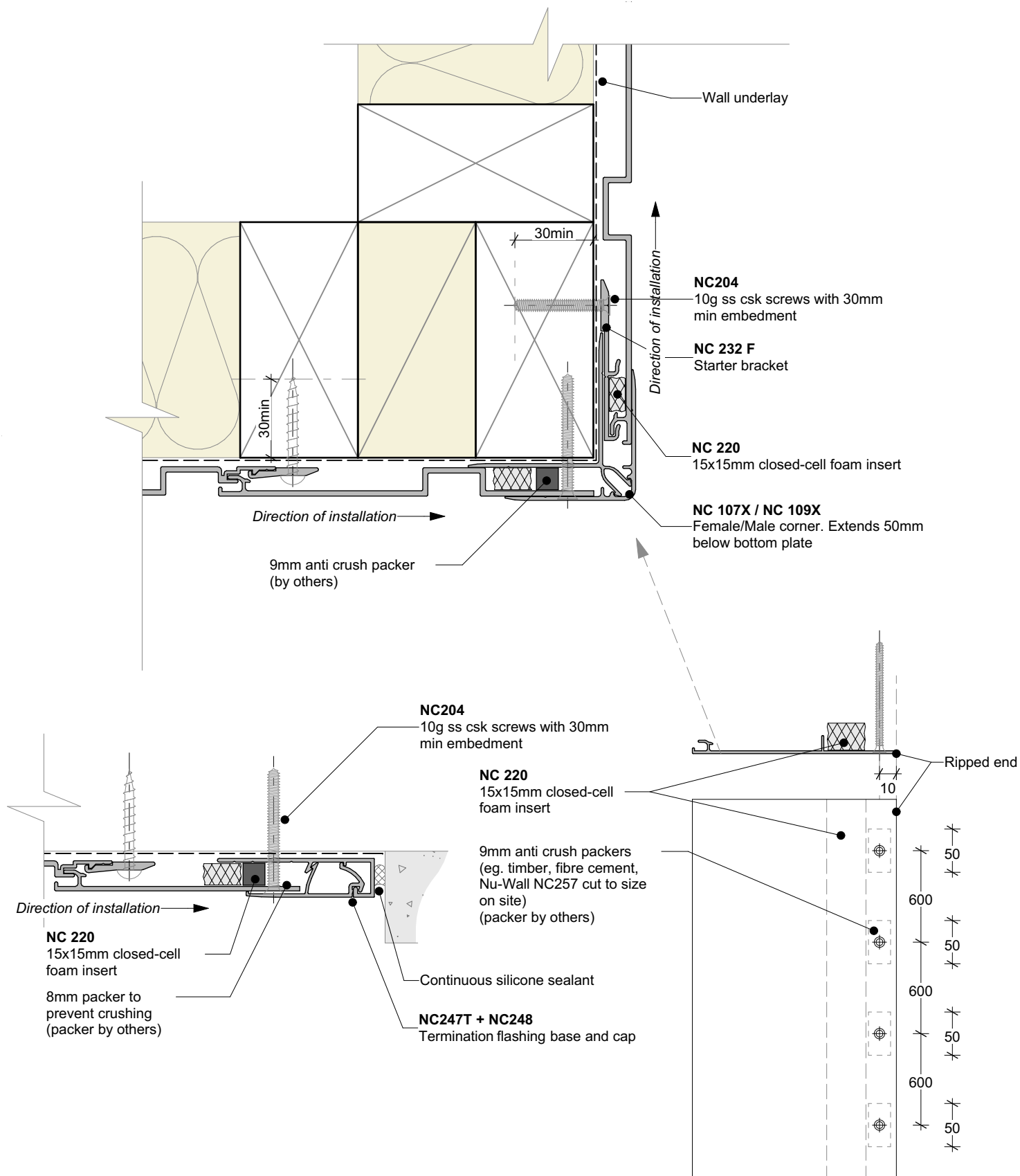


General note:
• Cladding fixings omitted for clarity



	Nu-Wall cladding vertical direct fix		NW-VDF-021.02	
	Typical roof and gutter to wall junction		Drawn by: Nu-Wall	Date: 02/07/2025
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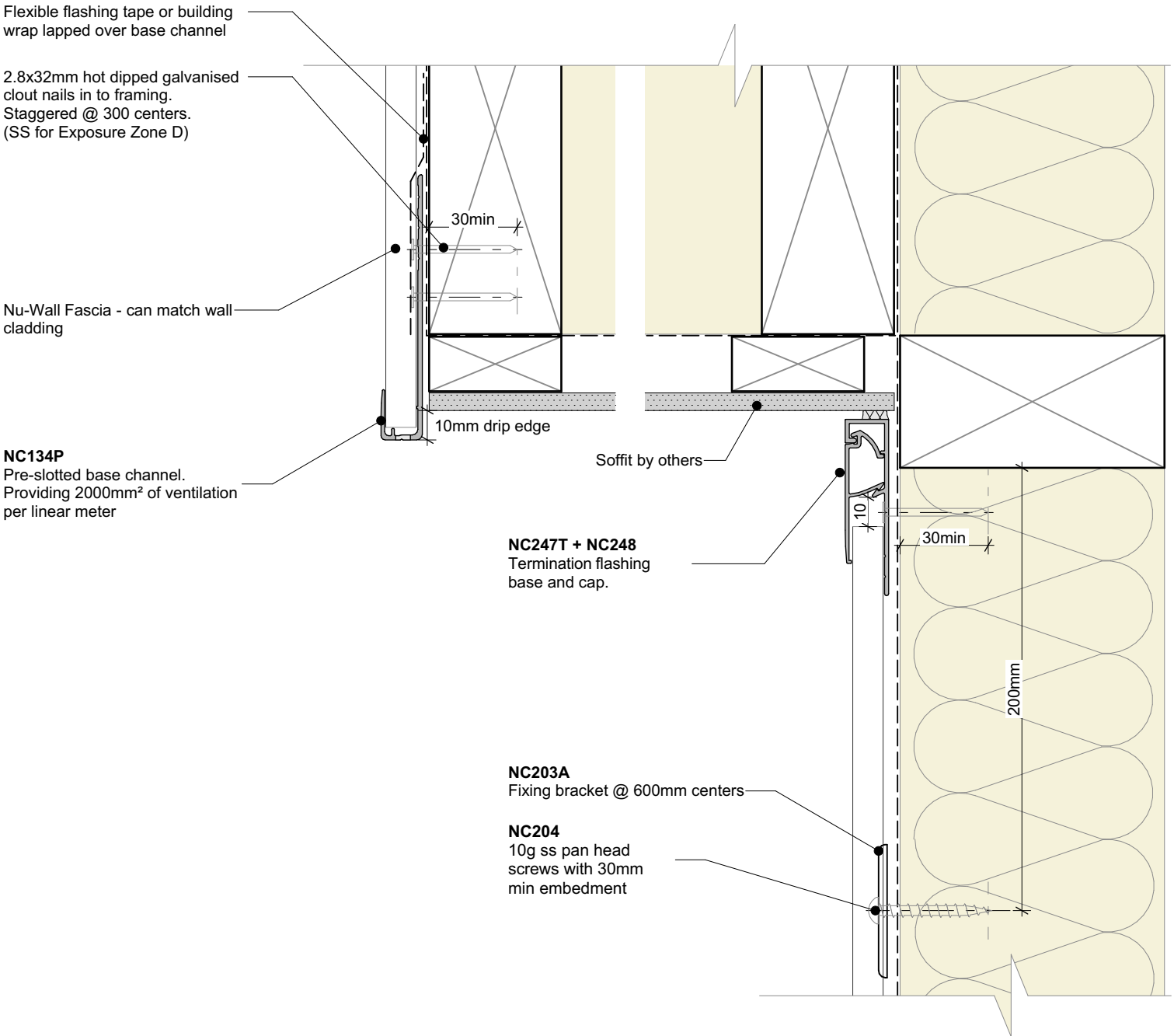


General note:

- Cladding fixings omitted for clarity
- When finishing a wall with a ripped board, the board must be fixed with a counter sunk screw @ 600mm centres



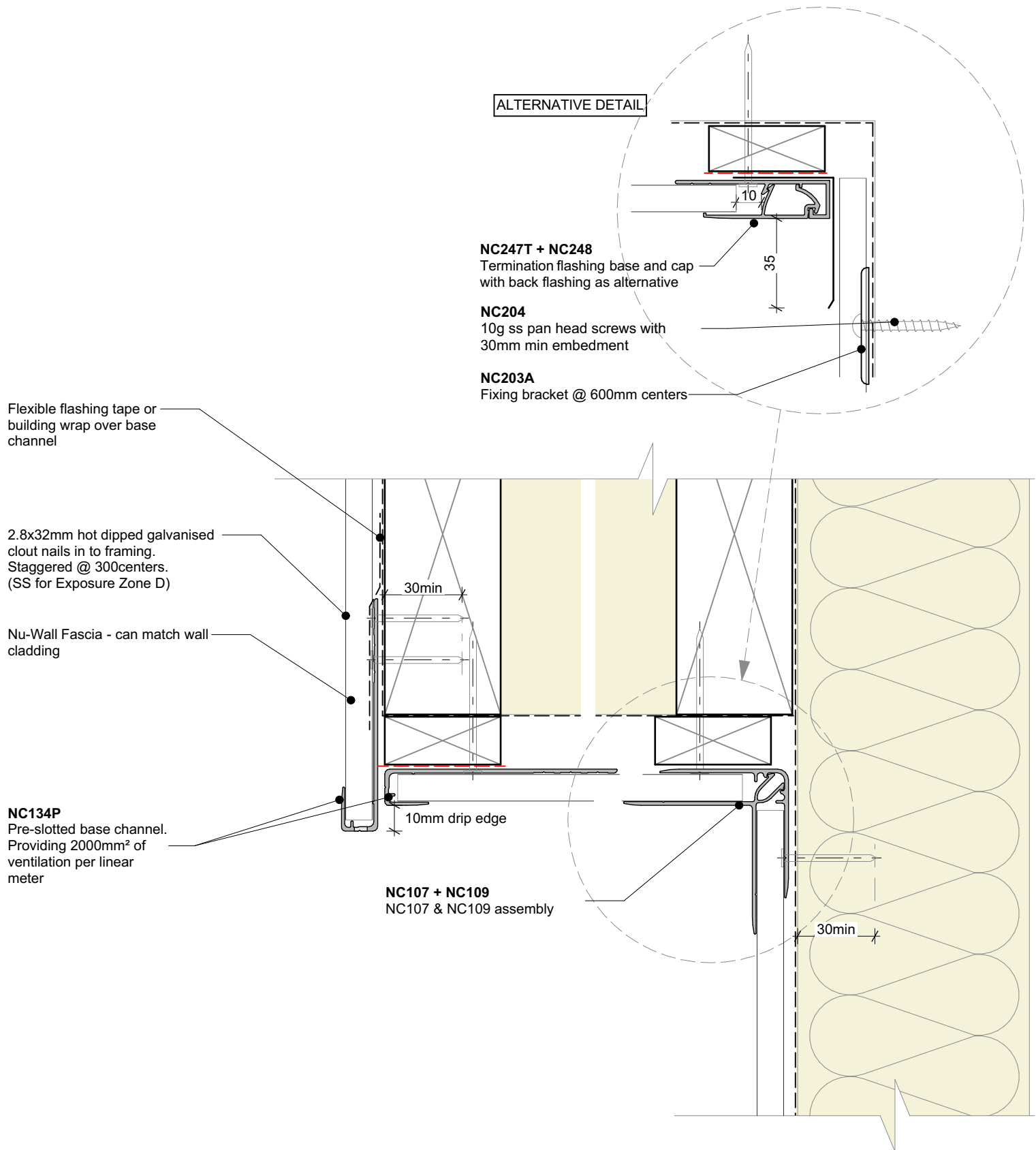
nu-wall CLADDING	Nu-Wall cladding vertical direct fix		NW-VDF-023.03	
	Ripped board to end of wall junction		Drawn by: Nu-Wall	Date: 02/07/2025
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General note:
• Cladding fixings omitted for clarity



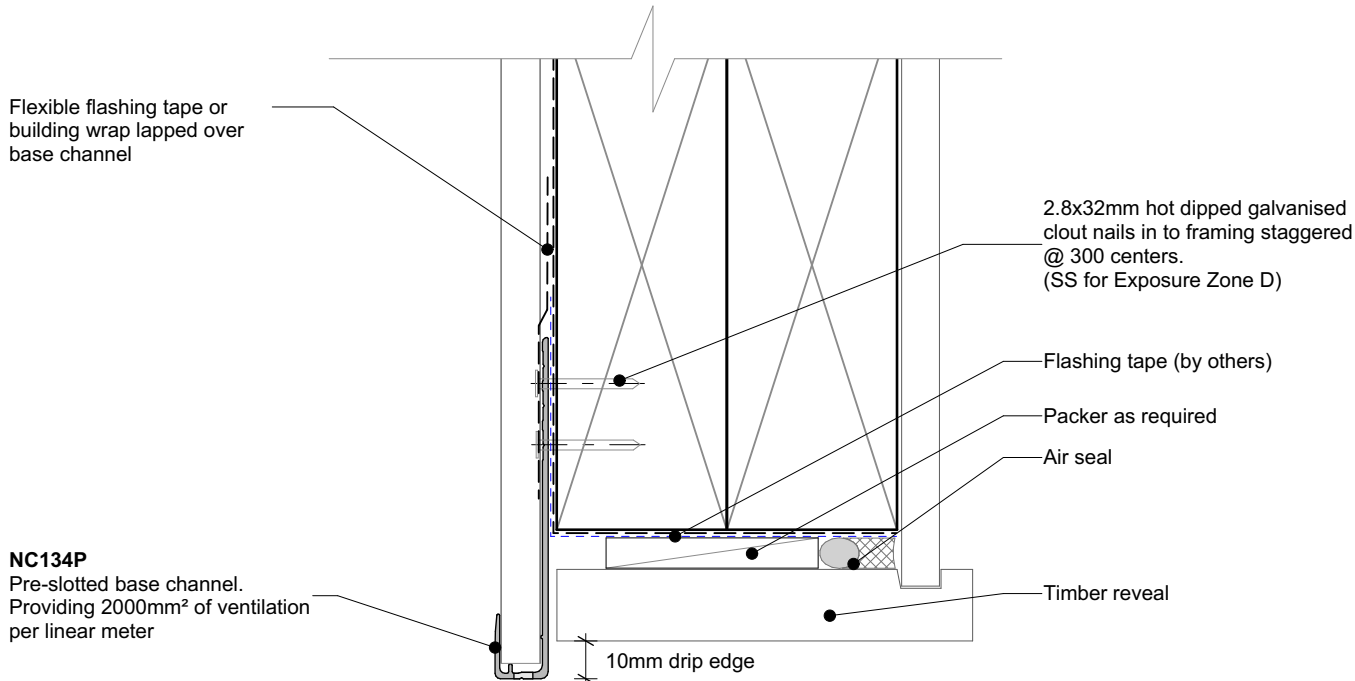
	Nu-Wall cladding vertical direct fix		NW-VDF-024.03	
	Typical Nu-Wall fascia to soffit		Drawn by: Nu-Wall	Date: 02/07/2025
	© 2021 copyright in this document is the property of Nu-Wall Aluminium Cladding Limited. All rights reserved. Nu-Wall is a registered trademark of Aluminium Product Brands NZ Limited		Checked by: RL, GT	Scale: 1:2 @ A4



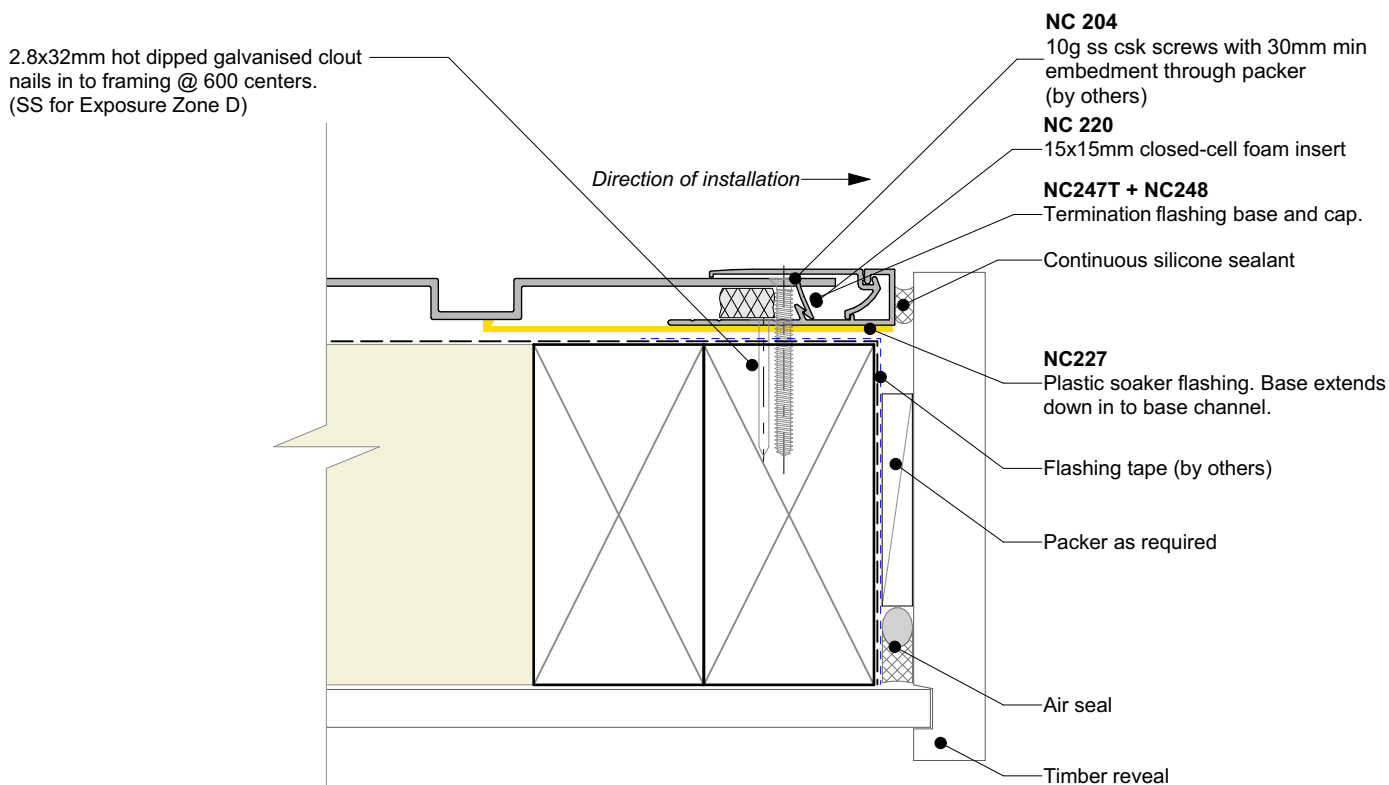
General note:
• Cladding fixings omitted for clarity



	Nu-Wall cladding vertical direct fix		NW-VDF-025.03	
	Typical Nu-Wall to fascia - soffit - wall (with alternative)		Drawn by: Nu-Wall	Date: 02/07/2025
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GARAGE DOOR HEAD (Timber reveal)



GARAGE DOOR JAMB (Timber reveal)



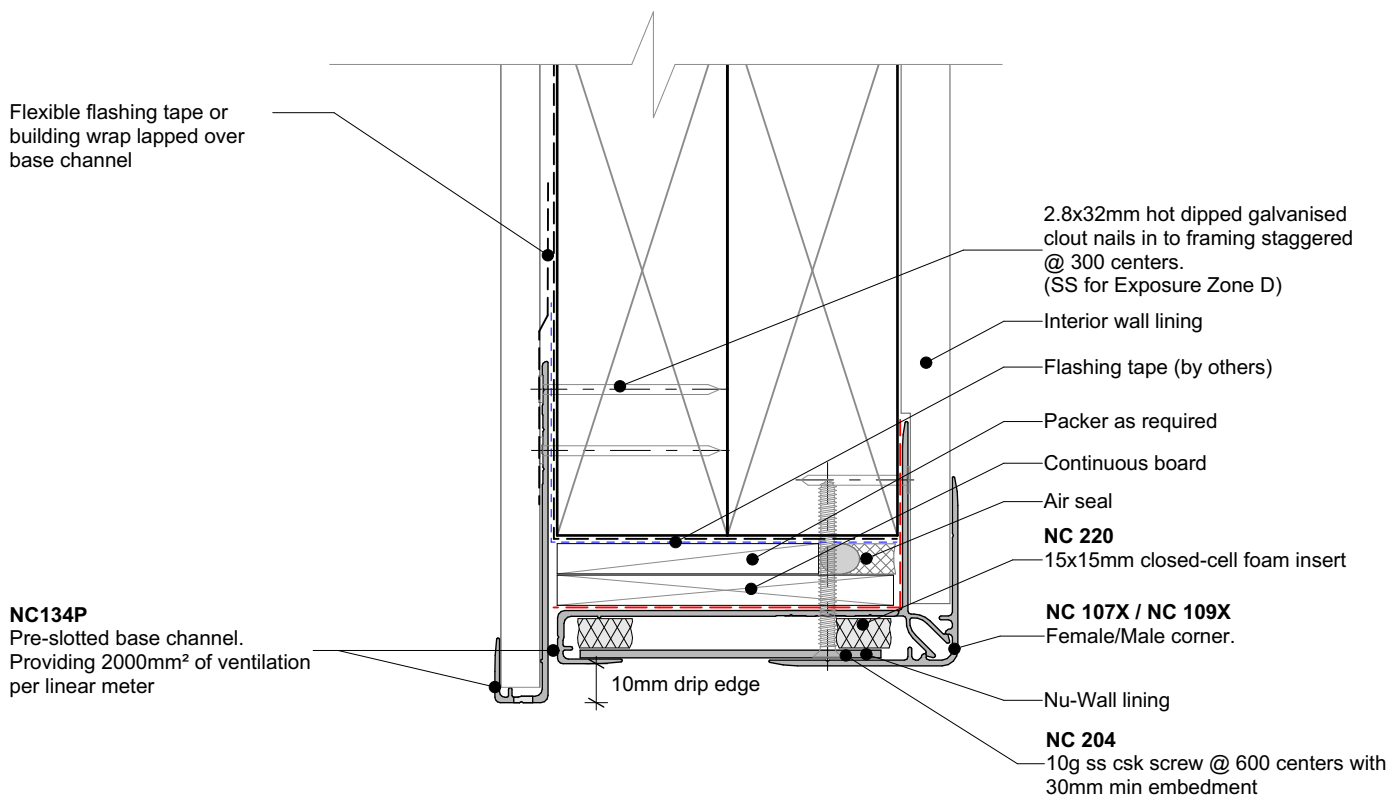
nu-wall
CLADDING

Nu-Wall cladding vertical direct fix Typical garage door head - jamb (Timber reveal)

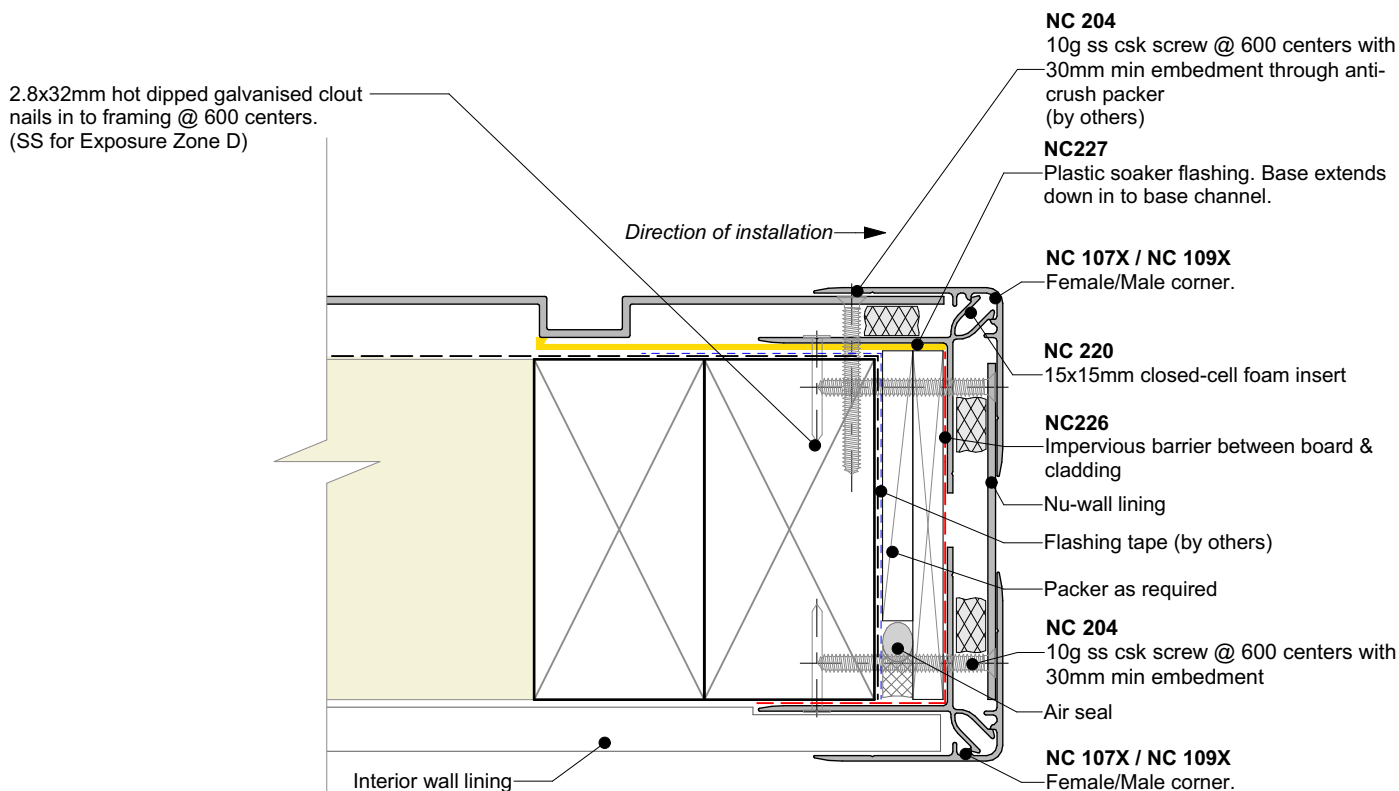
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NW-VDF-026.03

Drawn by: Nu-Wall	Date: 02/07/2025
Checked by: RL, GT	Scale: 1:2 @ A4



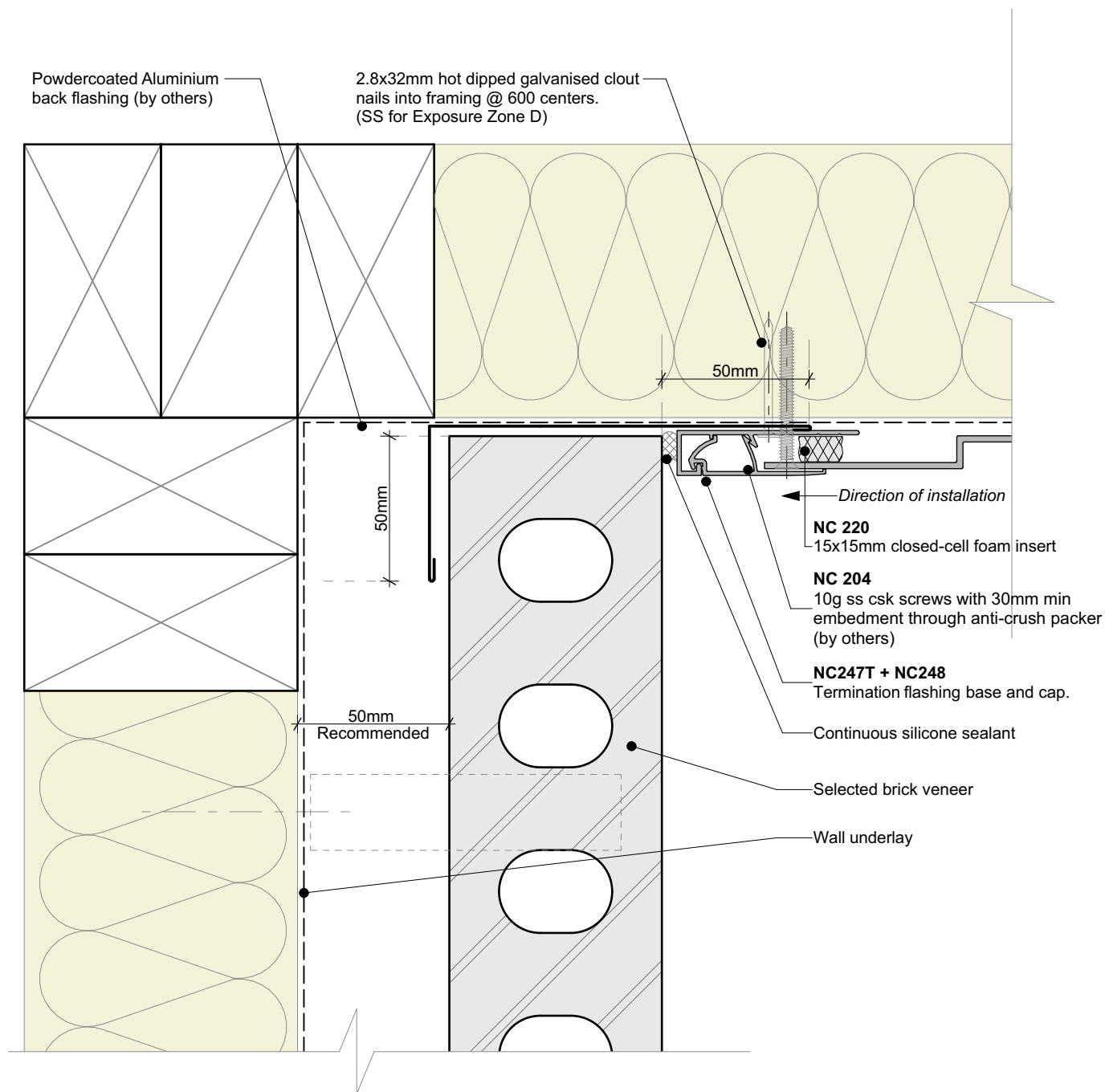
GARAGE DOOR HEAD (Nu-Wall reveal)



GARAGE DOOR JAMB (Nu-Wall reveal)



	Nu-Wall cladding vertical direct fix		NW-VDF-026b.03	
	Typical garage door head - jamb (Nu-Wall Reveal Profile)		Drawn by: Nu-Wall	Date: 02/07/2025
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General note:

- Cladding fixings omitted for clarity
- When finishing a wall with a ripped board, the board must be direct fixed with a counter sunk screw @ 600mm centres



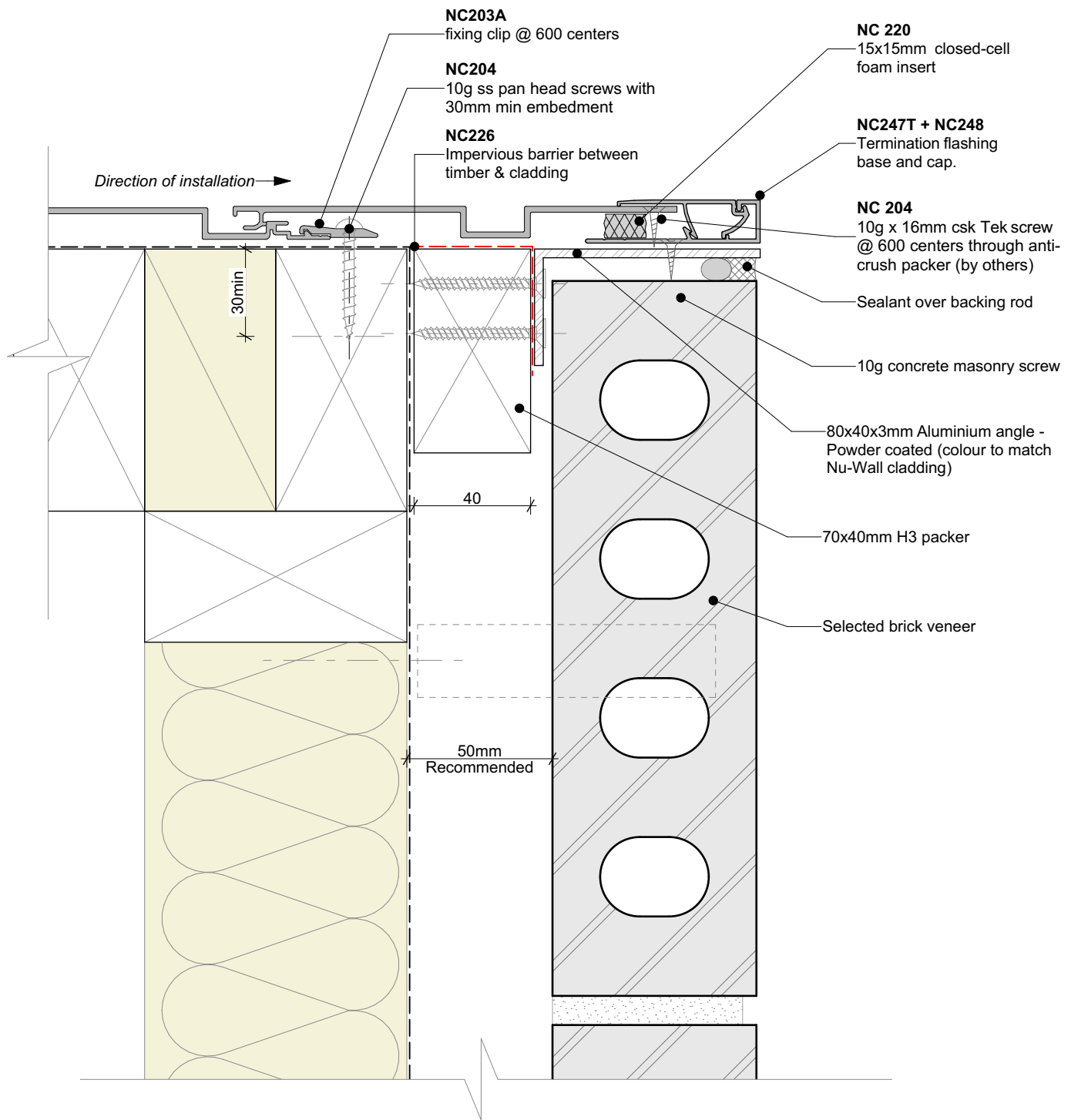
nu-wall
CLADDING

Nu-Wall cladding vertical direct fix
Typical Nu-Wall to brick internal corner

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NW-VDF-027.03

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General note:

- Cladding fixings omitted for clarity
- When finishing a wall with a ripped board, the board must be direct fixed with a counter sunk screw @ 600mm centres



nu-wall
CLADDING

Nu-Wall cladding vertical direct fix
Typical Nu-Wall to brick external corner

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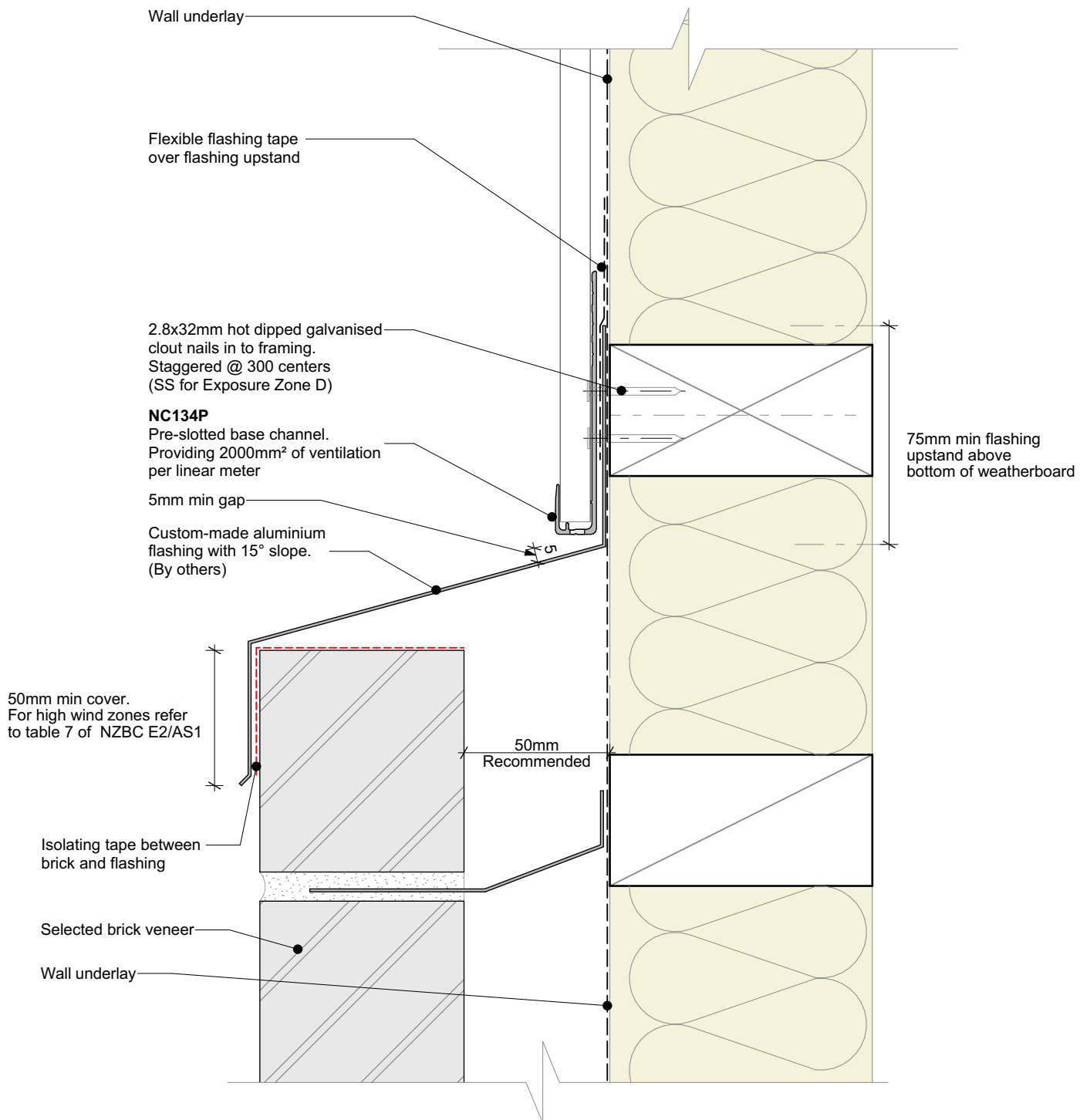
NW-VDF-028.03

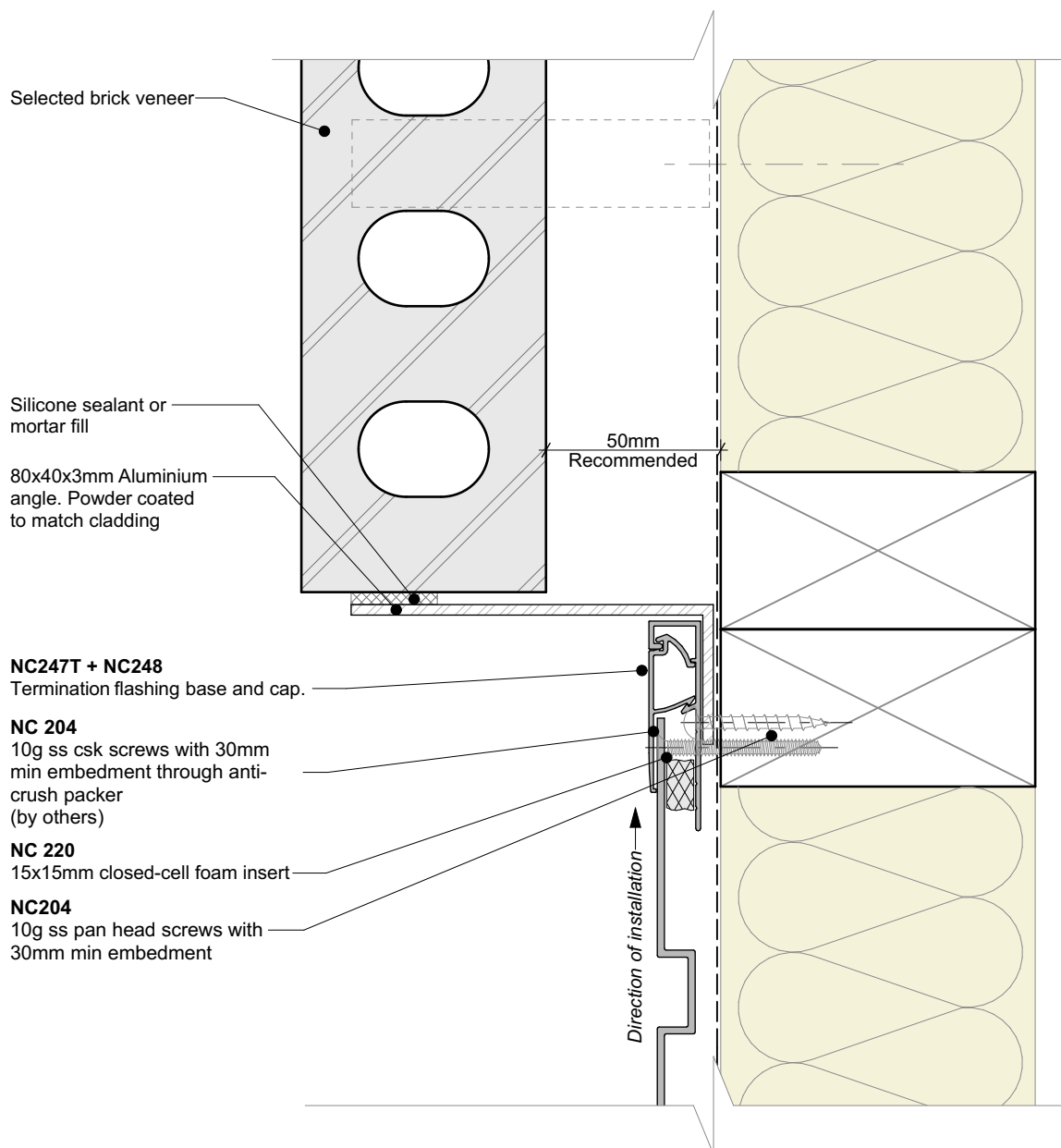
Drawn by: Nu-Wall

Date: 02/07/2025

Checked by: RL, GT

Scale: 1:2 @ A4



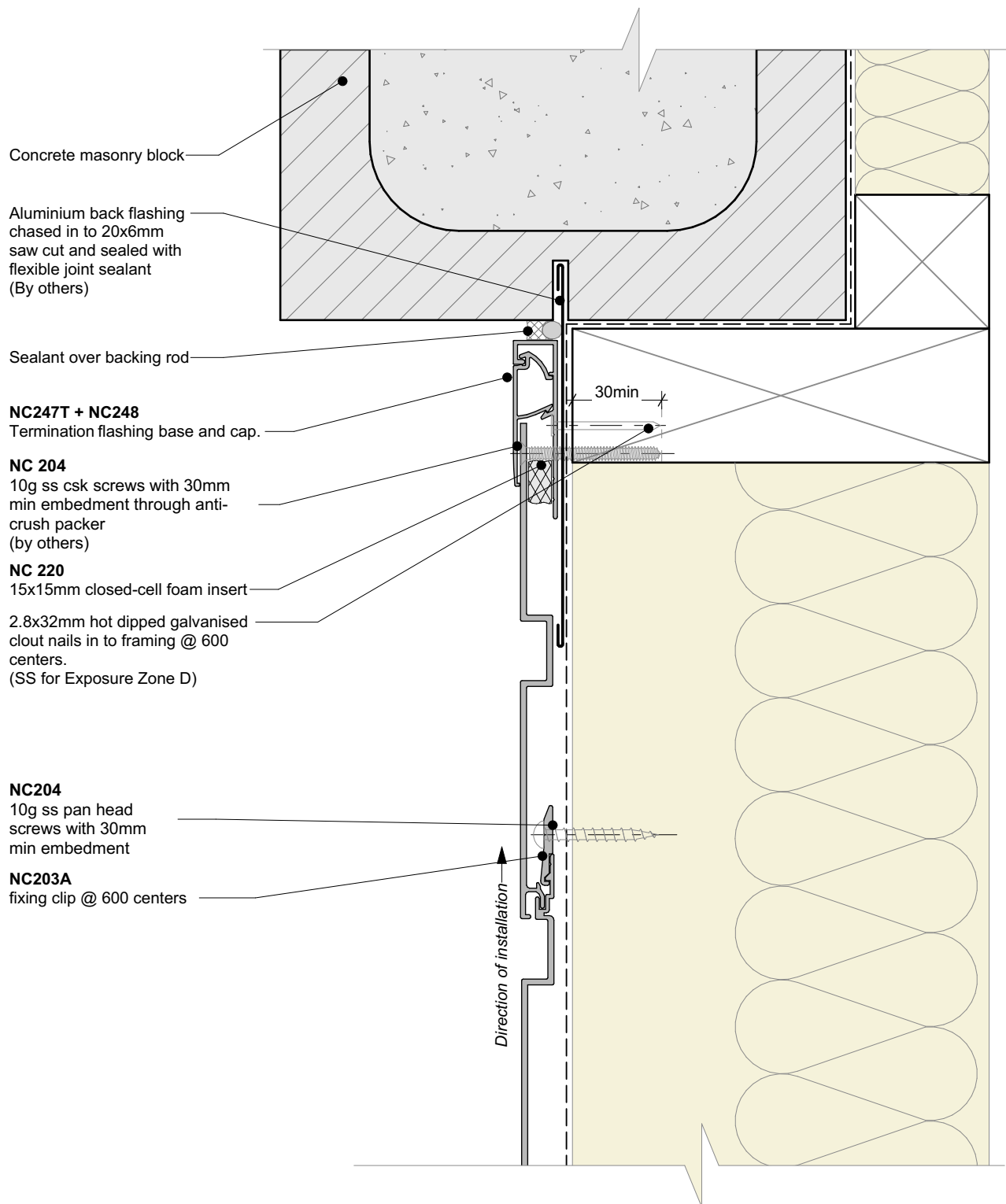


General note:

- Cladding fixings omitted for clarity
- When finishing a wall with a ripped board, the board must be direct fixed with a counter sunk screw @ 600mm centres



	Nu-Wall cladding vertical direct fix		NW-VDF-030.03	
	Typical Nu-Wall to brick vertical junction		Drawn by: Nu-Wall	Date: 02/07/2025
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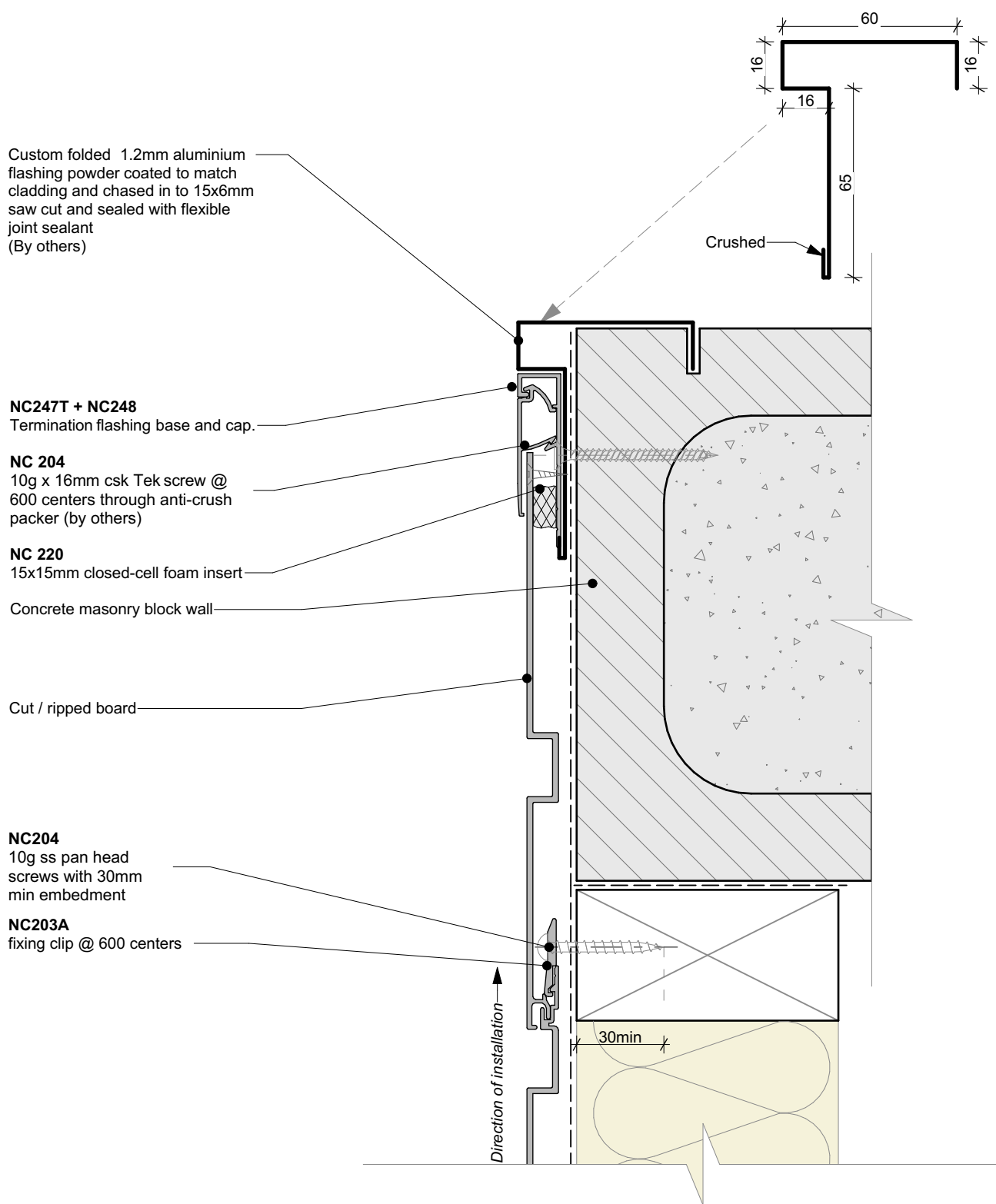


General note:

- Cladding fixings omitted for clarity
- When finishing a wall with a ripped board, the board must be direct fixed with a counter sunk screw @ 600mm centres



	Nu-Wall cladding vertical direct fix		NW-VDF-031.03	
	Typical Nu-Wall to concrete masonry vertical junction		Drawn by: Nu-Wall	Date: 02/07/2025
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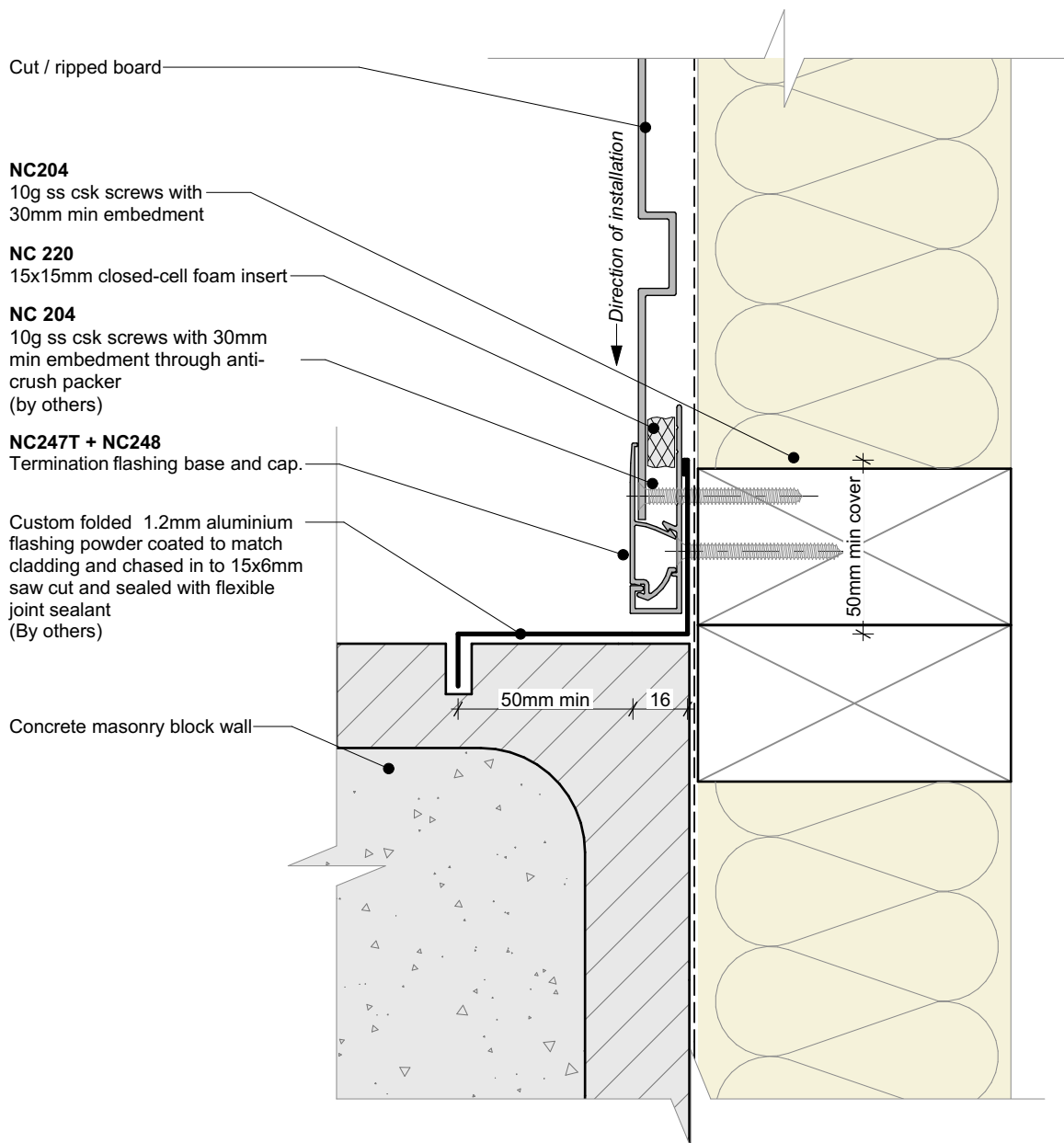


General note:

- Cladding fixings omitted for clarity
- When finishing a wall with a ripped board, the board must be direct fixed with a counter sunk screw @ 600mm centres



	Nu-Wall cladding vertical direct fix		NW-VDF-032.03	
	Typical Nu-Wall to concrete masonry external corner		Drawn by: Nu-Wall	Date: 02/07/2025
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General note:

- Cladding fixings omitted for clarity
- When finishing a wall with a ripped board, the board must be direct fixed with a counter sunk screw @ 600mm centres



nu-wall
CLADDING

Nu-Wall cladding vertical direct fix
Typical Nu-Wall to concrete masonry internal corner

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NW-VDF-033.03

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