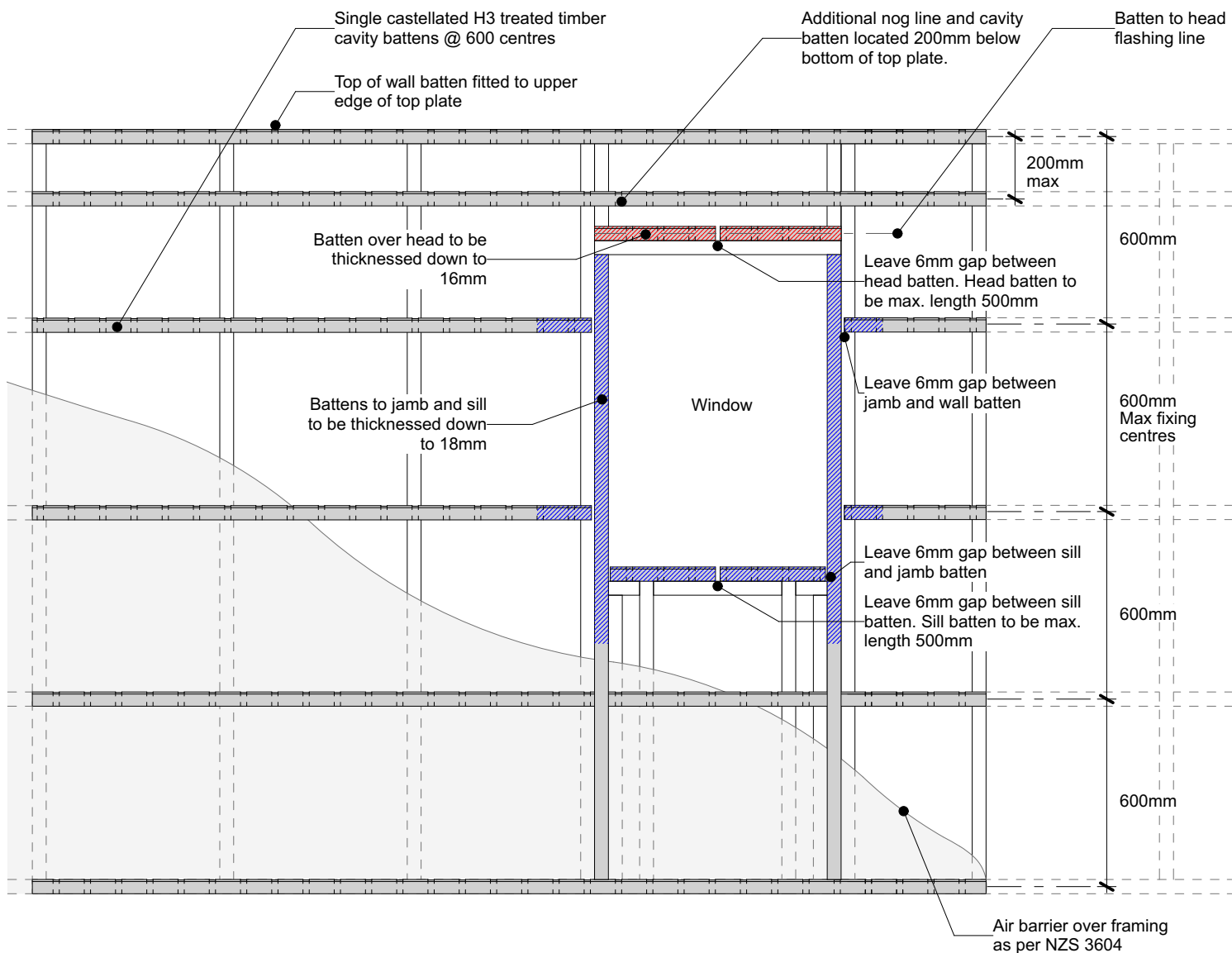




## Nu-Wall Extruded Aluminium Cladding Installation CAD details - Vertical over cavity (VOC)

1	NW-VOC-001.03	Batten layout for vertical cladding over drained & vented cavity	25/2/2025
2	NW-VOC-002.02	Typical installation - Timber cavity batten to timber frame	25/2/2025
3	NW-VOC-003.02	Typical installation - Timber cavity batten to steel frame	25/2/2025
4	NW-VOC-004.02	Typical installation - Alibat to timber frame	25/2/2025
5	NW-VOC-005.02	Typical base channel fixing	25/2/2025
6	NW-VOC-006.02	Typical base channel over timber floor	25/2/2025
7	NW-VOC-007.02	Typical base channel over waterproof deck	25/2/2025
8	NW-VOC-007b.02	Typical base channel over concrete slab	25/2/2025
9	NW-VOC-008.02	Pre-Fabricated 90 deg base channel corner	25/2/2025
10	NW-VOC-009.02	Typical corner NC107X and NC109X assembly	25/2/2025
11	NW-VOC-010.02	Typical external 90 deg corner	25/2/2025
12	NW-VOC-011.02	External 90 deg corner using NC251 box assembly	25/2/2025
13	NW-VOC-012.02	External 90 deg corner using NC252 negative detail assembly	25/2/2025
14	NW-VOC-013.02	Internal 90 deg corner using NC107X and NC109X	25/2/2025
15	NW-VOC-014.02	Internal 90 deg corner using NC253 negative detail	25/2/2025
16	NW-VOC-015.02	Typical inter storey or horizontal joint	25/2/2025
17	NW-VOC-016.02	Typical sill section - NC247 and NC248 assembly	25/2/2025
18	NW-VOC-017.02	Typical jamb section - NC247 and NC248 assembly	25/2/2025
19	NW-VOC-018.02	Typical jamb section with negative detail filler	25/2/2025
20	NW-VOC-019.02	Typical head section	25/2/2025
21	NW-VOC-020.02	Soaker installation to window jamb	25/2/2025
22	NW-VOC-021.02	Typical head flashing end detail	25/2/2025
23	NW-VOC-022a.03	Typical soffit trim	25/2/2025
24	NW-VOC-022b.03	Typical raking soffit	25/2/2025
25	NW-VOC-022c.03	Typical inverse raking soffit	25/2/2025
26	NW-VOC-023.02	Typical pipe penetration	25/2/2025
27	NW-VOC-023b.02	Typical large pipe penetration with cowel	25/2/2025
28	NW-VOC-024.02	Typical apron roof to wall junction	25/2/2025
29	NW-VOC-025.02	Typical parapet to wall	25/2/2025
30	NW-VOC-026.02	Typical deck to wall junction	25/2/2025
31	NW-VOC-027.02	Typical roof and gutter to wall junction	25/2/2025
32	NW-VOC-028.02	Notching board around window jamb	25/2/2025
33	NW-VOC-029.03	Ripped board to end of wall junction	25/2/2025
34	NW-VOC-030.03	Typical Nu-Wall fascia to soffit	25/2/2025
35	NW-VOC-030b.03	Typical Nu-Wall fascia to soffit - Optional cavity closure	25/2/2025
36	NW-VOC-031.03	Typical Nu-Wall to fascia - soffit - wall (with alternative)	25/2/2025
37	NW-VOC-032.03	Typical garage door head and jamb (Timber reveal)	25/2/2025
38	NW-VOC-032b.03	Typical garage door head and jamb (Nu-Wall Reveal Profile)	25/2/2025
39	NW-VOC-033.03	Typical Nu-Wall to brick internal corner	25/2/2025
40	NW-VOC-034.03	Typical Nu-Wall to brick external corner	25/2/2025
41	NW-VOC-035.02	Typical Nu-Wall to brick horizontal junction	25/2/2025
42	NW-VOC-036.03	Typical Nu-Wall to brick vertical junction	25/2/2025
43	NW-VOC-037.03	Typical Nu-Wall to concrete masonry vertical junction	25/2/2025
44	NW-VOC-038.03	Typical Nu-Wall to concrete masonry external corner	25/2/2025
45	NW-VOC-039.03	Typical Nu-Wall to concrete masonry internal corner	25/2/2025
46	NW-VOC-040.03	Typical Nu-Wall irregular external corner flashing	25/2/2025
47	NW-VOC-041.03	Typical Nu-Wall irregular internal corner flashing	25/2/2025
48	NW-VOC-042.02	Typical NU-Wall irregular internal corner flashing profiles	25/2/2025
49	NW-VOC-043.02	Vertical Join - Mixed cladding	25/2/2025
50	NW-VOC-043b.02	Vertical Join - Mixed cladding NC105X-NC103	25/2/2025



**Additional note:**

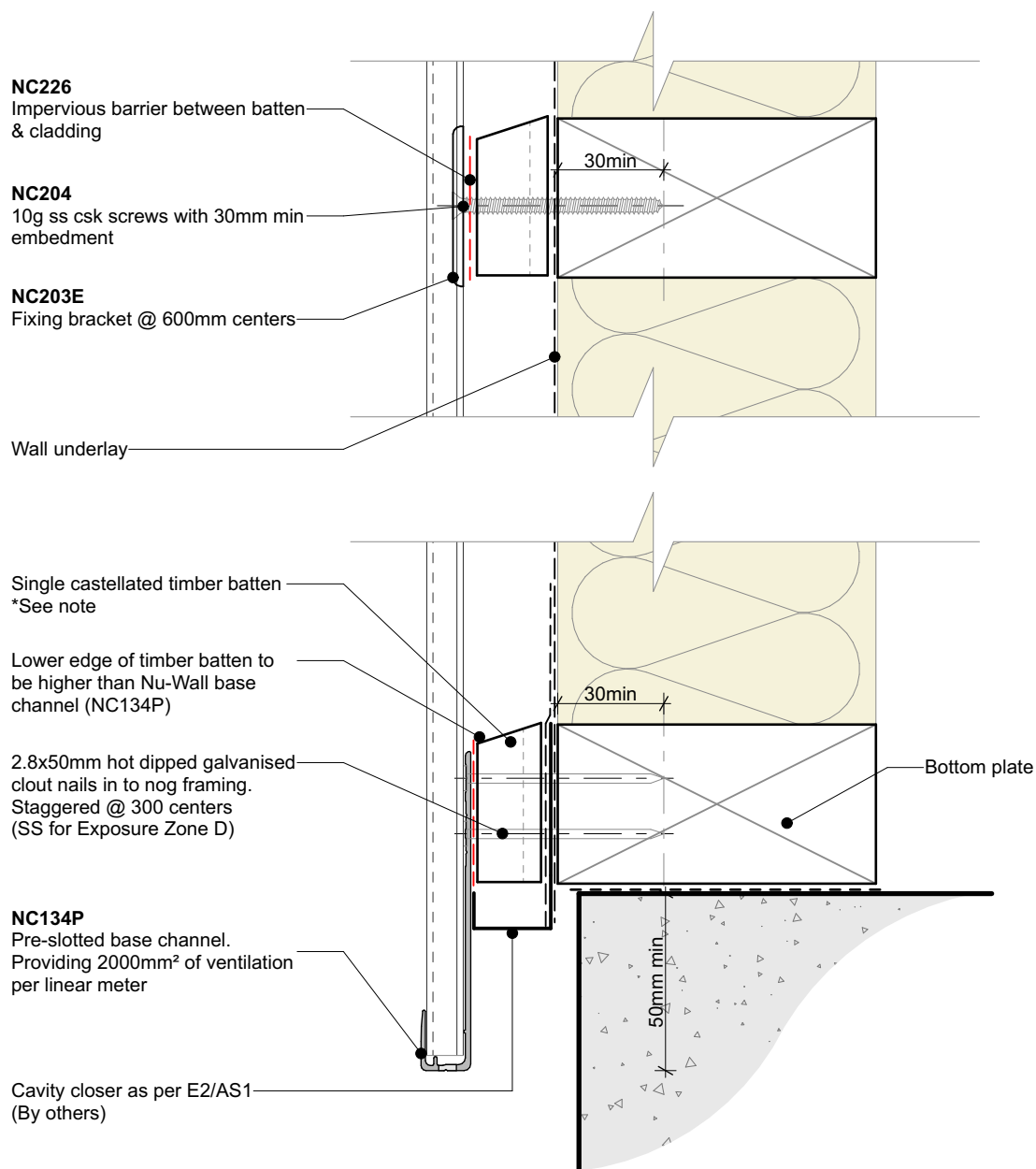
- Please refer to 3D batten layouts, NW-VOC-TIM BATT 01.01 & NW-VOC-ALIBAT 02.01

**Cavity batten note:**

- 20mm single castellated timber battens required for all Nu-Wall installations.
- Batten to have 15° slope for moisture egress
- Allow 6mm gap between vertical and horizontal battens
- Sill and head battens to be max. 500mm with a 6mm gap to each segment
- 18mm single castellated battens are available from Nu Wall for all vertical applications to wall junctions and jambs
- Proprietary Nu-Wall Alibat is available as an alternative when a structural non-combustable cavity batten is required



	Nu-Wall cladding vertical on cavity		NW-VOC-001.03	
	Batten layout for vertical cladding over drained & vented cavity		Drawn by: Nu-Wall	Date: 25/02/2025
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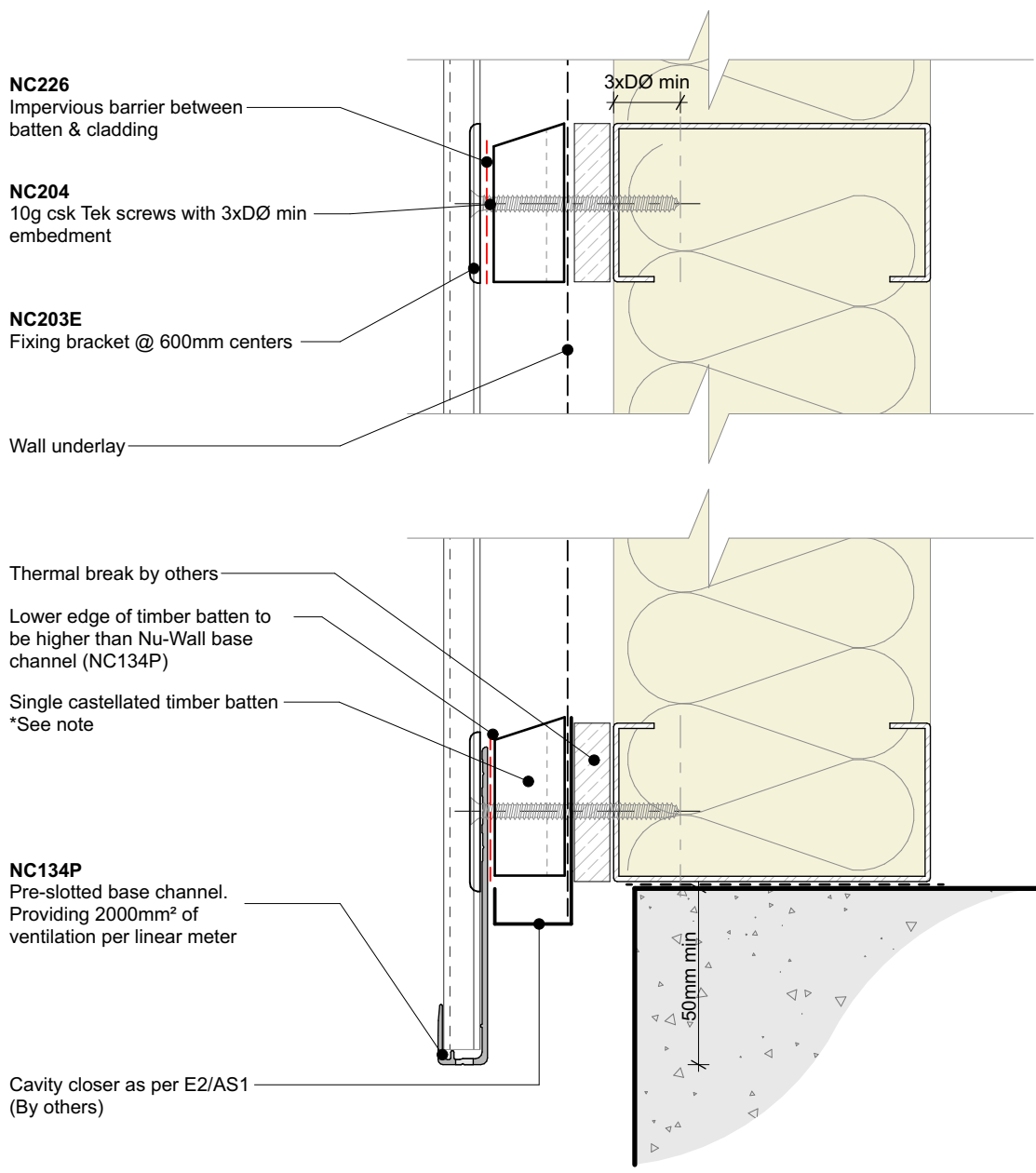


#### Cavity batten note:

- 20mm single castellated timber battens required for all Nu-Wall installations.
- Batten to have 15° slope for moisture egress
- Allow 6mm gap between vertical and horizontal battens
- Sill and head battens to be max. 500mm with a 6mm gap to each segment
- 18mm single castellated battens are available from Nu Wall for all vertical applications to wall junctions and jambs
- Proprietary Nu-Wall Alibat is available as an alternative when a structural non-combustable cavity batten is required



	Nu-Wall cladding vertical on cavity		NW-VOC-002.02	
	Typical installation - Timber cavity batten to timber frame		Drawn by: Nu-Wall	Date: 25/02/2025
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#### Cavity batten note:

- 20mm single castellated timber battens required for all Nu-Wall installations.
- Batten to have 15° slope for moisture egress
- Allow 6mm gap between vertical and horizontal battens
- Sill and head battens to be max. 500mm with a 6mm gap to each segment
- 18mm single castellated battens are available from Nu Wall for all vertical applications to wall junctions and jambs
- Proprietary Nu-Wall Alibat is available as an alternative when a structural non-combustable cavity batten is required



	Nu-Wall cladding vertical on cavity		NW-VOC-003.02	
	Typical installation - Timber cavity batten to steel frame		Drawn by: Nu-Wall	Date: 25/02/2025
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**BF001**

Alibat fixed to framing  
@ 600 centers max

**NC204**

2x10g SS csk screws @ 600  
centers with min 30mm embedment

**NC204**

10gx16mm T410 SS csk screw @  
600 centers

**NC203E**

Fixing bracket @ 600mm centers

Wall underlay

Air and moisture path

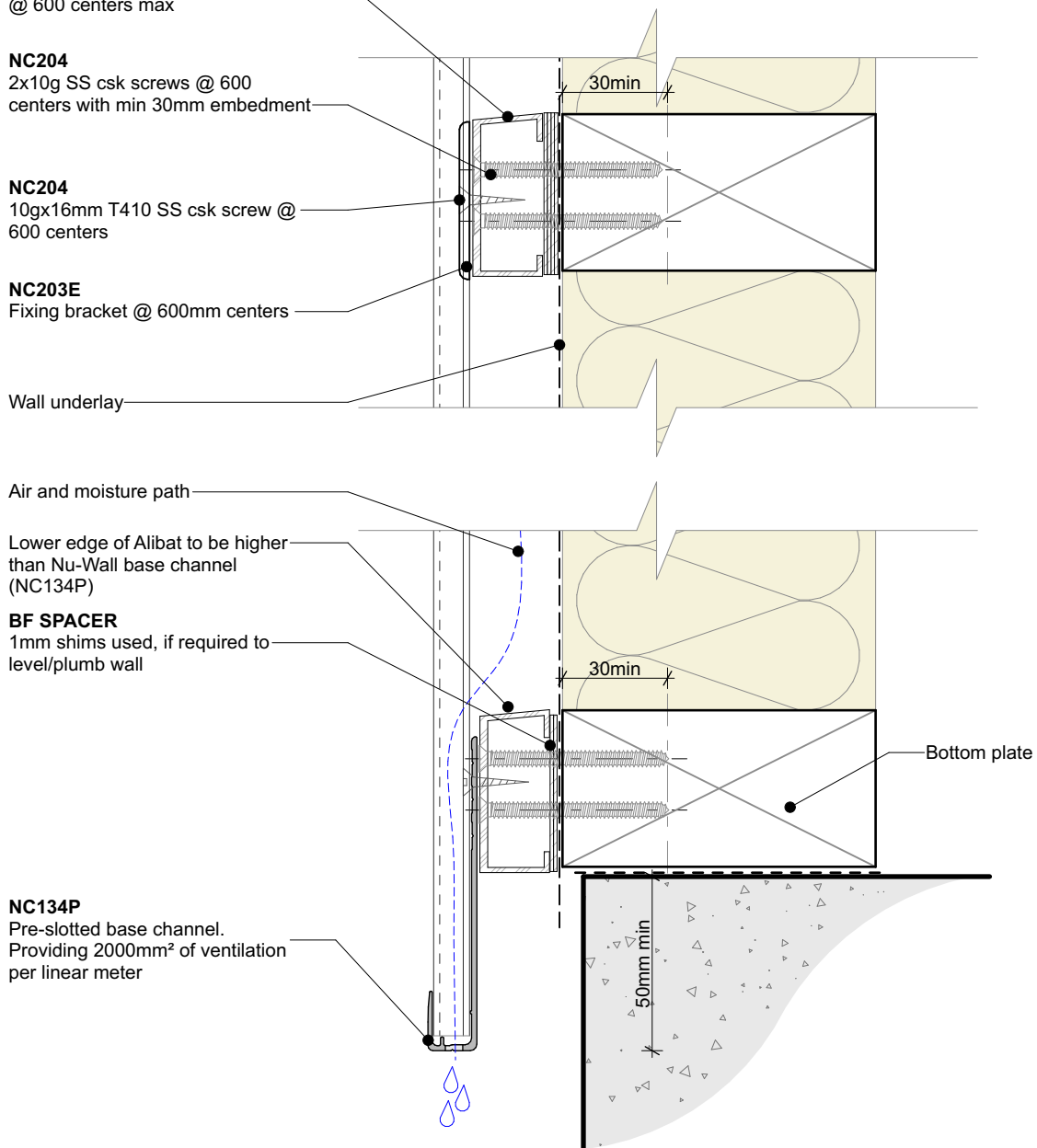
Lower edge of Alibat to be higher  
than Nu-Wall base channel  
(NC134P)

**BF SPACER**

1mm shims used, if required to  
level/plumb wall

**NC134P**

Pre-slotted base channel.  
Providing 2000mm<sup>2</sup> of ventilation  
per linear meter



Single castellated timber batten  
\*See note

Wall underlay

#### NC226

Impervious barrier between  
batten & cladding

#### NC204

10g ss csk screws with 30mm min  
embedment

#### NC203E

Fixing bracket @ 600mm centers

Drained and vented cavity  
as per E2/AS1

Lower edge of timber batten to  
be higher than Nu-Wall base  
channel (NC134P)

2.8x50mm hot dipped galvanised  
clout nails into framing.  
Staggered @ 300 centers.  
(SS for Exposure Zone D)

#### NC134P

Pre-slotted base channel.  
Providing 2000mm<sup>2</sup> of ventilation  
per linear meter

Cavity closer as per E2/AS1  
(By others)

#### Cavity batten note:

- 20mm single castellated timber battens required for all Nu-Wall installations.
- Batten to have 15° slope for moisture egress
- Allow 6mm gap between vertical and horizontal battens
- Sill and head battens to be max. 500mm with a 6mm gap to each segment
- 18mm single castellated battens are available from Nu Wall for all vertical applications to wall junctions and jambs
- Proprietary Nu-Wall Alibat is available as an alternative when a structural non-combustable cavity batten is required



**nu-wall**  
CLADDING

## Nu-Wall cladding vertical on cavity Typical base channel fixing

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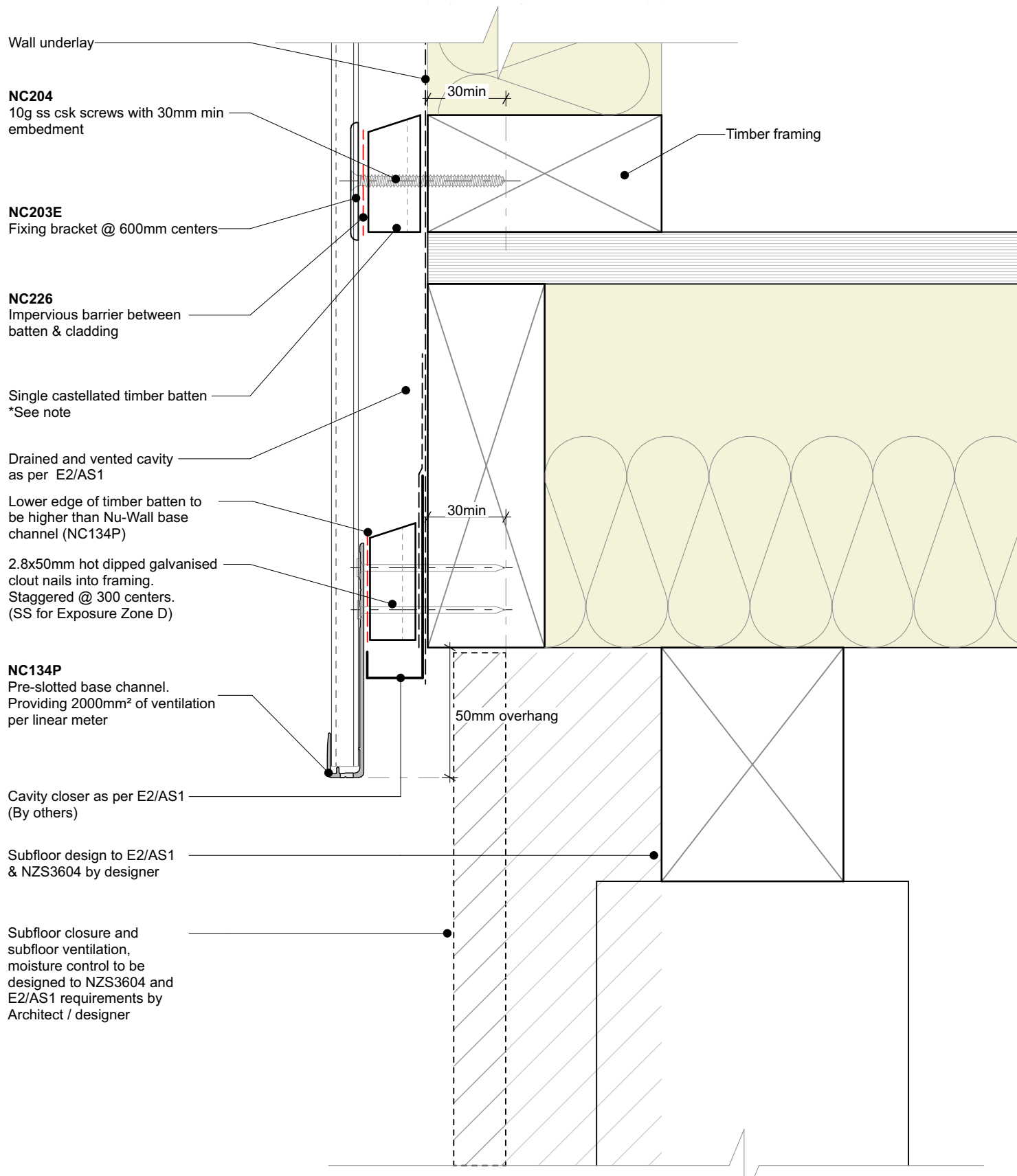
NW-VOC-005.02

Drawn by: Nu-Wall

Date: 25/02/2025

Checked by: RL, GT

Scale: 1:2 @ A4



**Cavity batten note:**

- 20mm single castellated timber battens required for all Nu-Wall installations.
- Batten to have 15° slope for moisture egress
- Allow 6mm gap between vertical and horizontal battens
- Sill and head battens to be max. 500mm with a 6mm gap to each segment
- 18mm single castellated battens are available from Nu Wall for all vertical applications to wall junctions and jambs
- Proprietary Nu-Wall Alibat is available as an alternative when a structural non-combustable cavity batten is required



	Nu-Wall cladding vertical on cavity		NW-VOC-006.02	
	Typical base channel over timber floor		Drawn by: Nu-Wall	Date: 25/02/2025
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**NC204**

10g ss csk screws with 30mm min embedment

**NC203E**

Fixing bracket @ 600mm centers

**NC226**

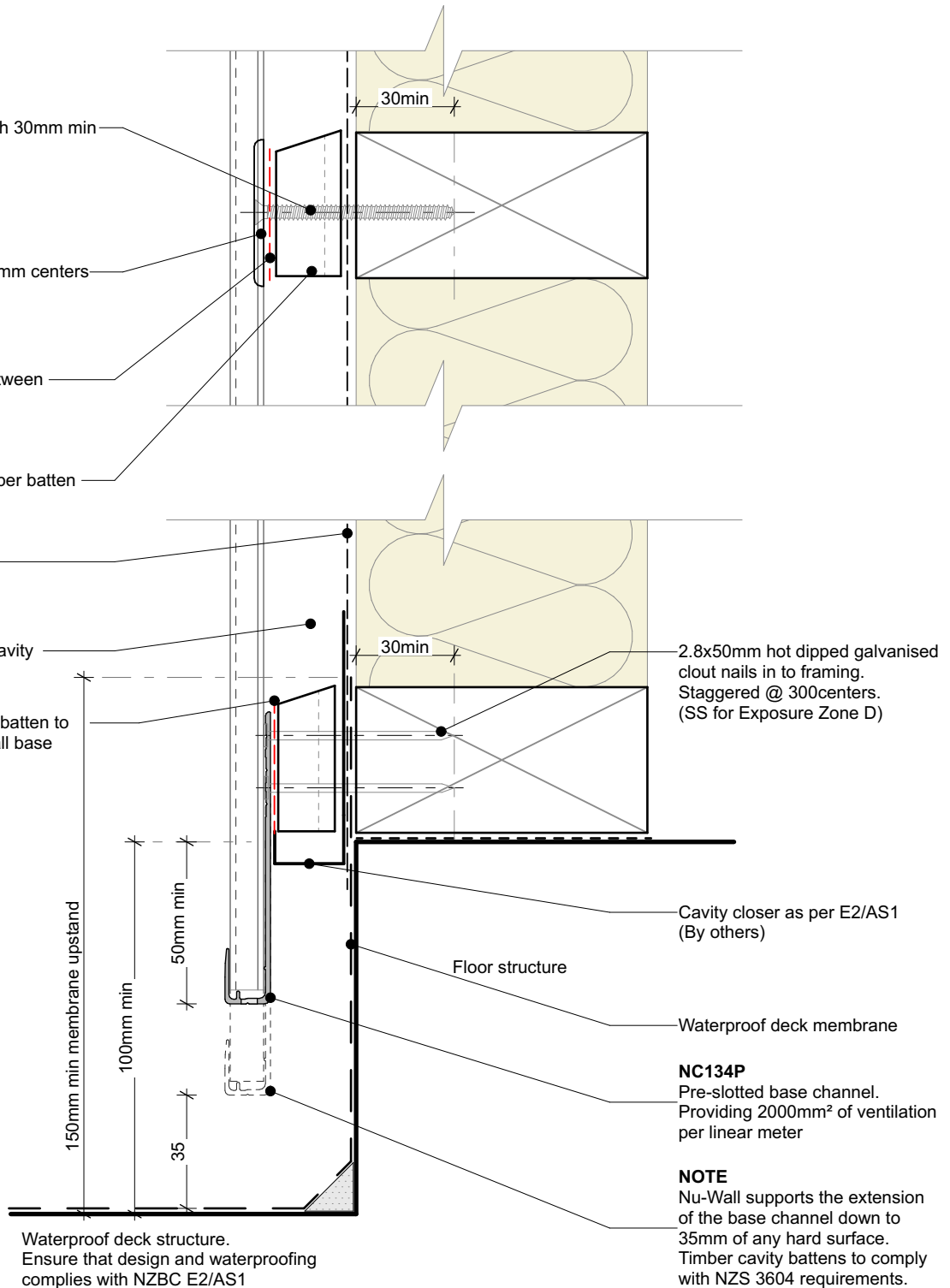
Impervious barrier between batten & cladding

Single castellated timber batten  
\*See note

Wall underlay

Drained and vented cavity as per E2/AS1

Lower edge of timber batten to be higher than Nu-Wall base channel (NC134P)



Cavity closer as per E2/AS1  
(By others)

Floor structure

Waterproof deck membrane

**NC134P**

Pre-slotted base channel.  
Providing 2000mm² of ventilation  
per linear meter

**NOTE**

Nu-Wall supports the extension  
of the base channel down to  
35mm of any hard surface.  
Timber cavity battens to comply  
with NZS 3604 requirements.

**Cavity batten note:**

- 20mm single castellated timber battens required for all Nu-Wall installations.
- Batten to have 15° slope for moisture egress
- Allow 6mm gap between vertical and horizontal battens
- Sill and head battens to be max. 500mm with a 6mm gap to each segment
- 18mm single castellated battens are available from Nu Wall for all vertical applications to wall junctions and jambs
- Proprietary Nu-Wall Alibat is available as an alternative when a structural non-combustable cavity batten is required



**nu-wall**  
CLADDING

Nu-Wall cladding vertical on cavity

Typical base channel over waterproof deck

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NW-VOC-007.02

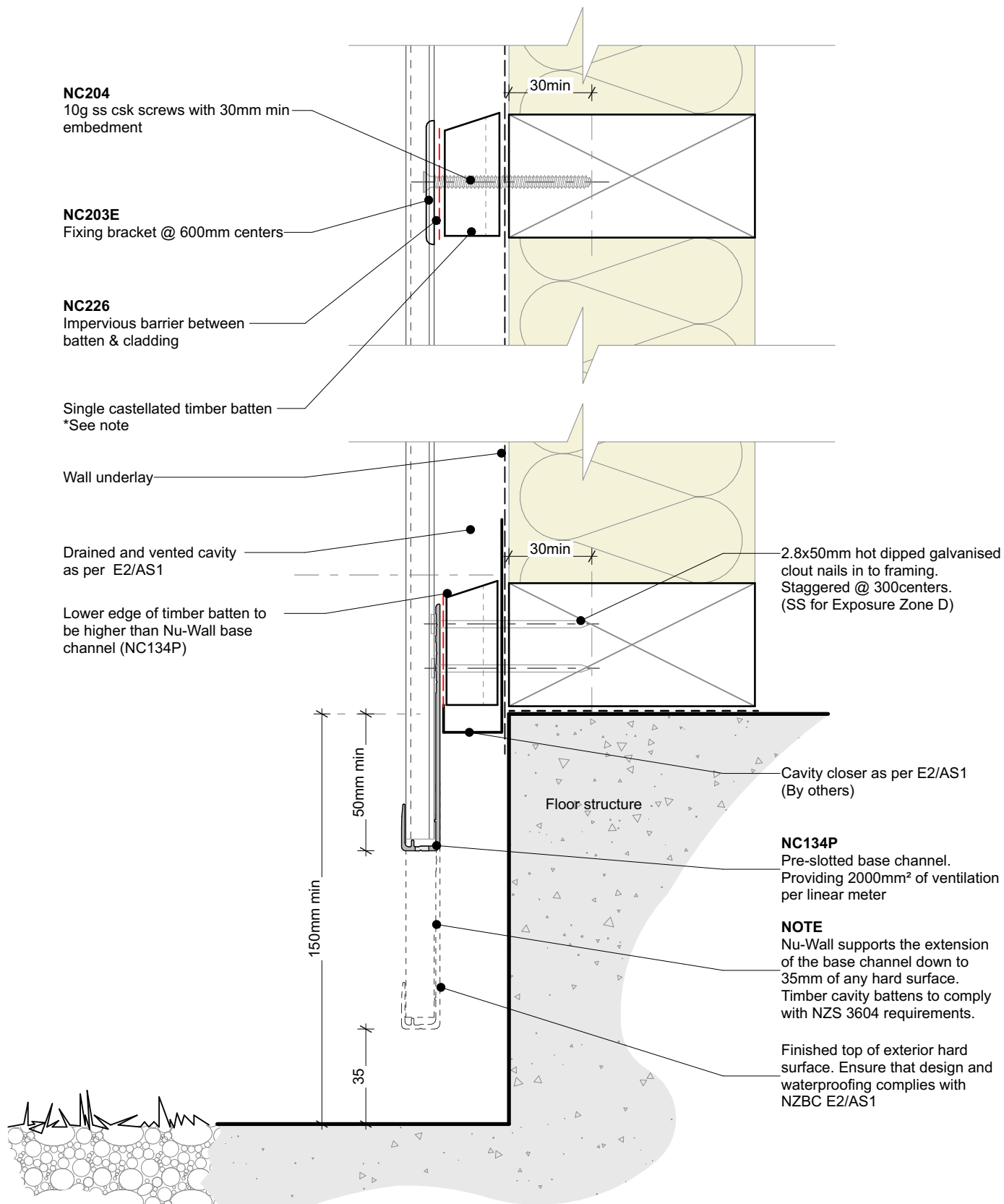
Drawn by: Nu-Wall

Date: 25/02/2025

Checked by: RL, GT

Scale: 1:2 @ A4






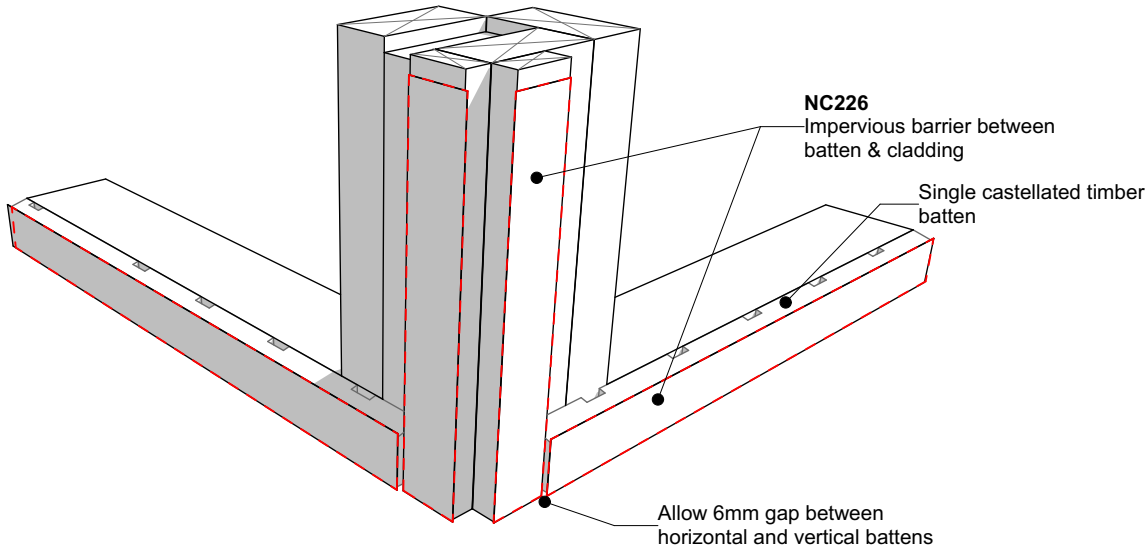
**Cavity batten note:**

- 20mm single castellated timber battens required for all Nu-Wall installations.
- Batten to have 15° slope for moisture egress
- Allow 6mm gap between vertical and horizontal battens
- Sill and head battens to be max. 500mm with a 6mm gap to each segment
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- Proprietary Nu-Wall Alibat is available as an alternative when a structural non-combustable cavity batten is required

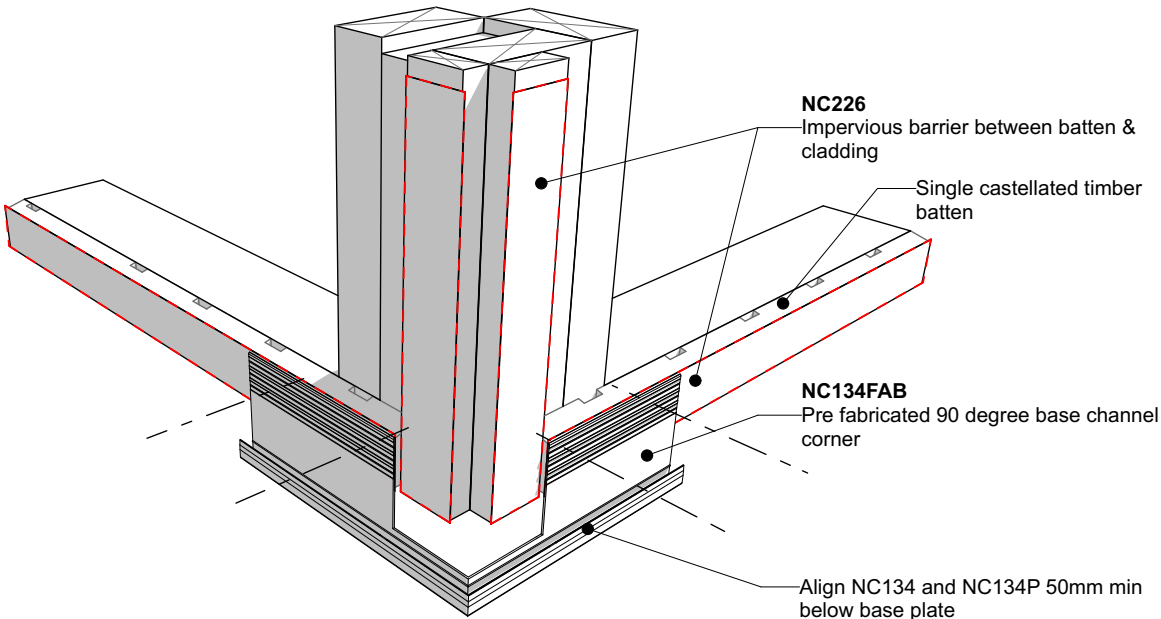


	Nu-Wall cladding vertical on cavity		NW-VOC-007b.02	
	Typical base channel over concrete slab		Drawn by: Nu-Wall	Date: 25/02/2025
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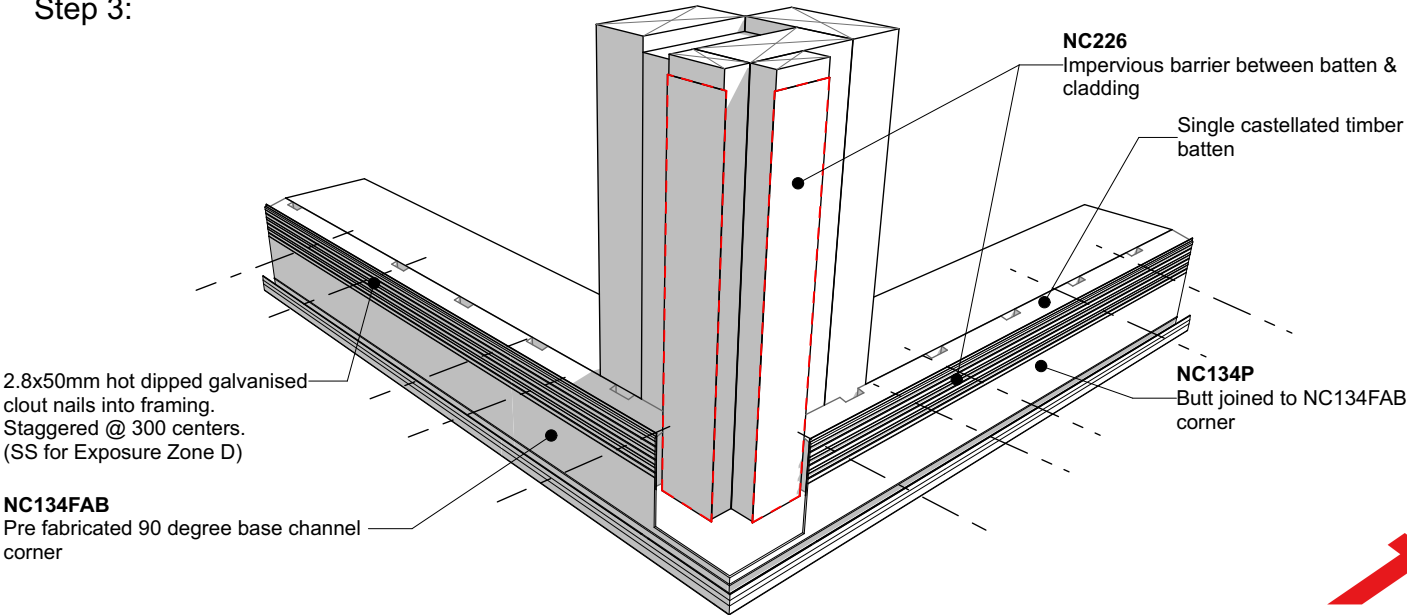
Step 1:



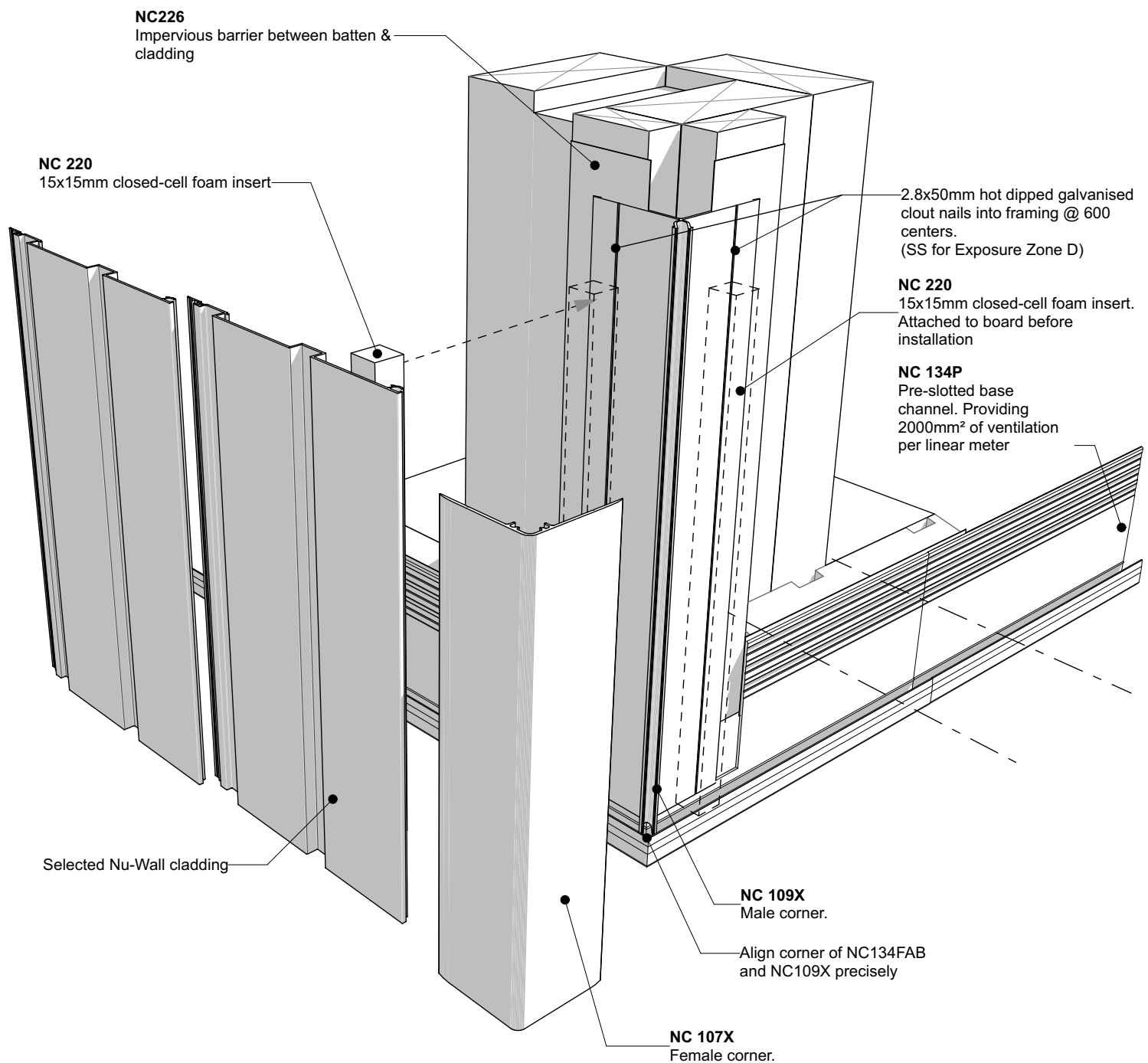
Step 2:



Step 3:



	Nu-Wall cladding vertical on cavity		NW-VOC-008.02	
	Pre-Fabricated 90 deg base channel corner		Drawn by: Nu-Wall	Date: 25/02/2025
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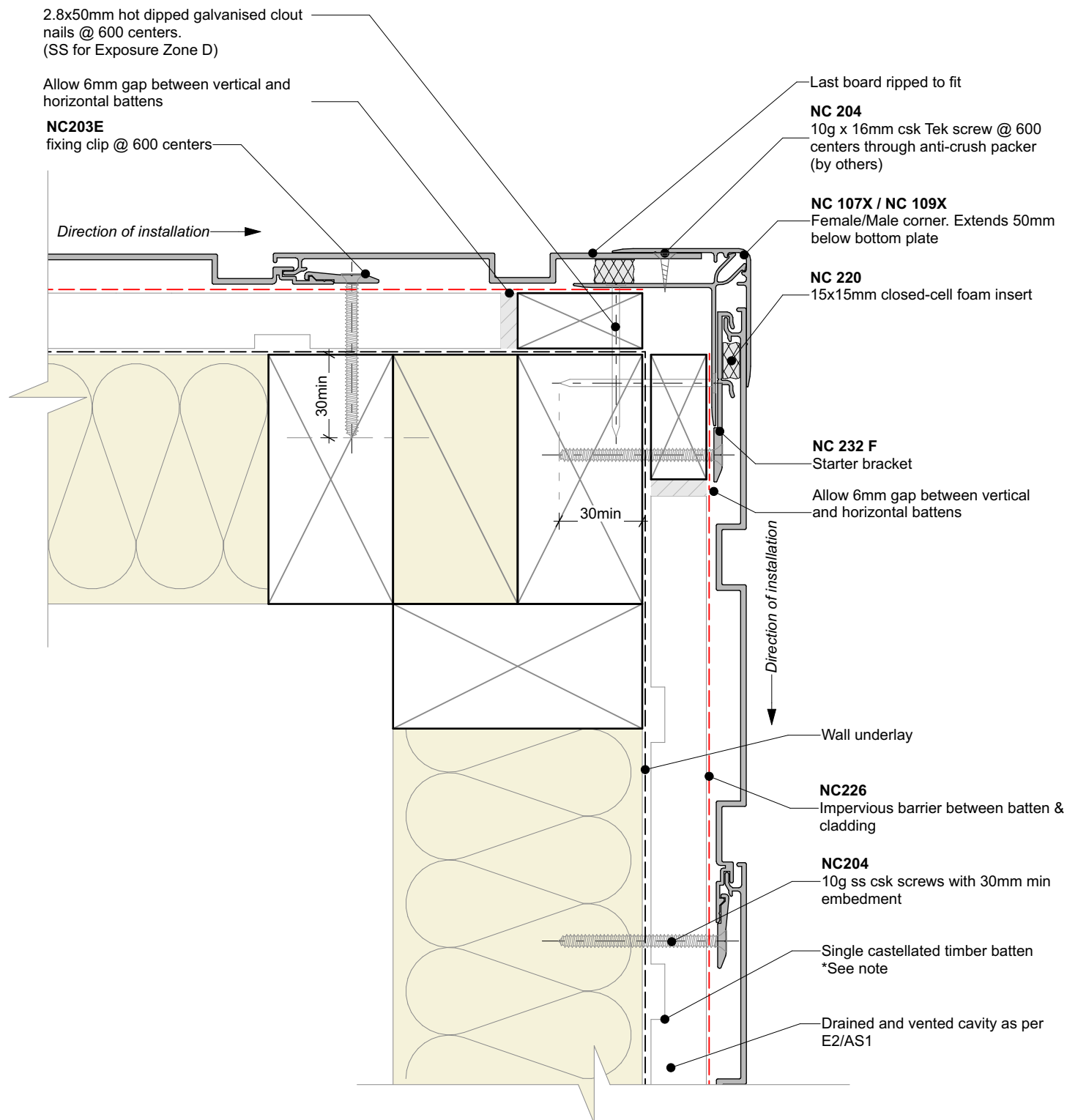


Nu-Wall cladding vertical on cavity  
Typical corner NC107X and NC109X assembly

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NW-VOC-009.02

Drawn by: Nu-Wall	Date: 25/02/2025
Checked by: RL, GT	Scale: NTS



#### Cavity batten note:

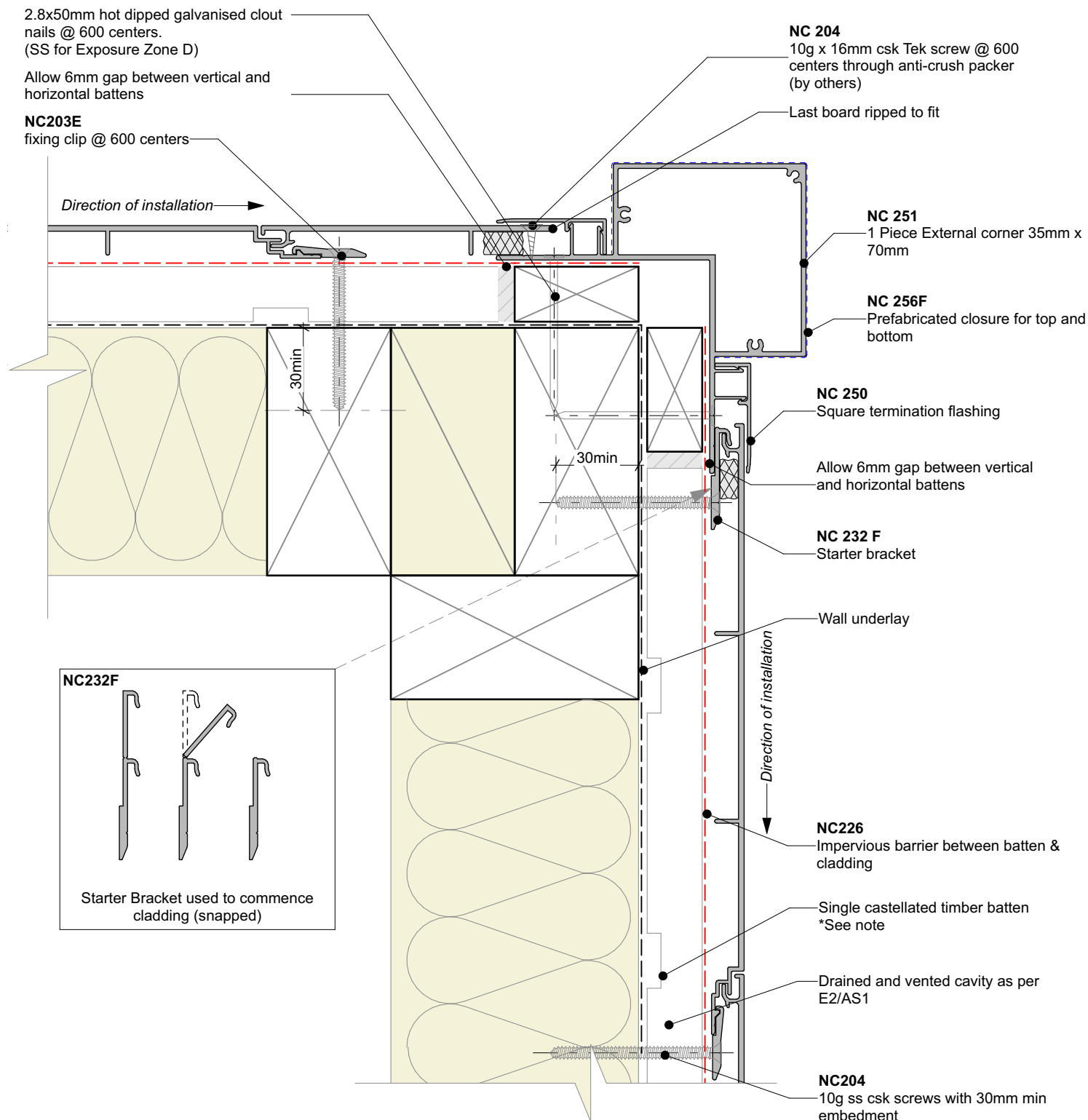
- 20mm single castellated timber battens required for all Nu-Wall installations.
- Batten to have 15° slope for moisture egress
- Allow 6mm gap between vertical and horizontal battens
- Sill and head battens to be max. 500mm with a 6mm gap to each segment
- 18mm single castellated battens are available from Nu Wall for all vertical applications to wall junctions and jambs
- Proprietary Nu-Wall Alibat is available as an alternative when a structural non-combustable cavity batten is required



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	Nu-Wall cladding vertical on cavity		NW-VOC-010.02	
	Typical external 90 deg corner		Drawn by: Nu-Wall	Date: 25/02/2025
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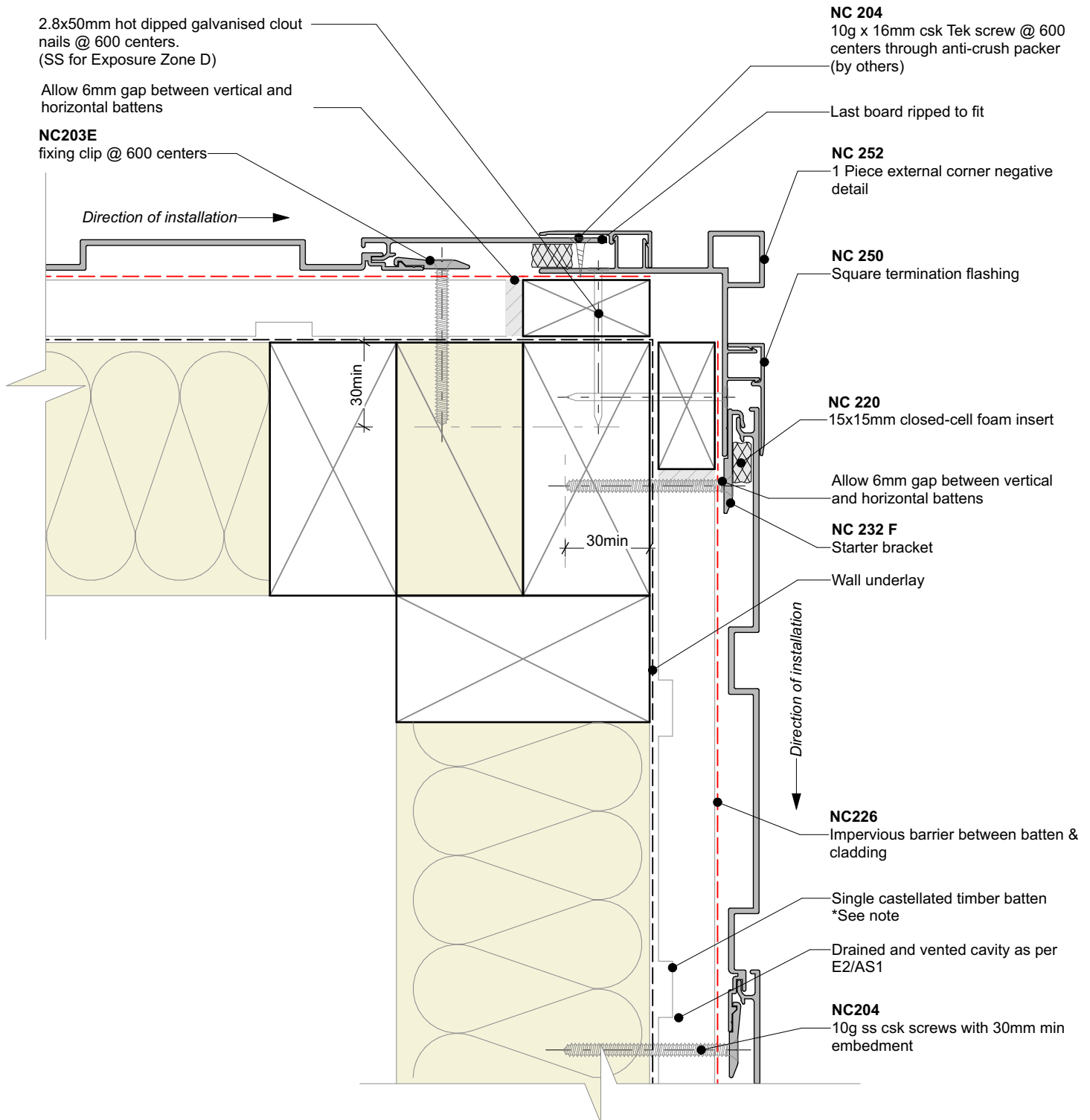


#### Cavity batten note:

- 20mm single castellated timber battens required for all Nu-Wall installations.
- Batten to have 15° slope for moisture egress
- Allow 6mm gap between vertical and horizontal battens
- Sill and head battens to be max. 500mm with a 6mm gap to each segment
- 18mm single castellated battens are available from Nu Wall for all vertical applications to wall junctions and jambs
- Proprietary Nu-Wall Alibat is available as an alternative when a structural non-combustable cavity batten is required



	Nu-Wall cladding vertical on cavity		NW-VOC-011.02	
	External 90 deg corner using NC251 box assembly		Drawn by: Nu-Wall	Date: 25/02/2025
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#### Cavity batten note:

- 20mm single castellated timber battens required for all Nu-Wall installations.
- Batten to have 15° slope for moisture egress
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- Sill and head battens to be max. 500mm with a 6mm gap to each segment
- 18mm single castellated battens are available from Nu Wall for all vertical applications to wall junctions and jambs
- Proprietary Nu-Wall Alibat is available as an alternative when a structural non-combustable cavity batten is required

Interactive assembly  
instructions available  
<http://wkspec.nz/nw-voc-extc>



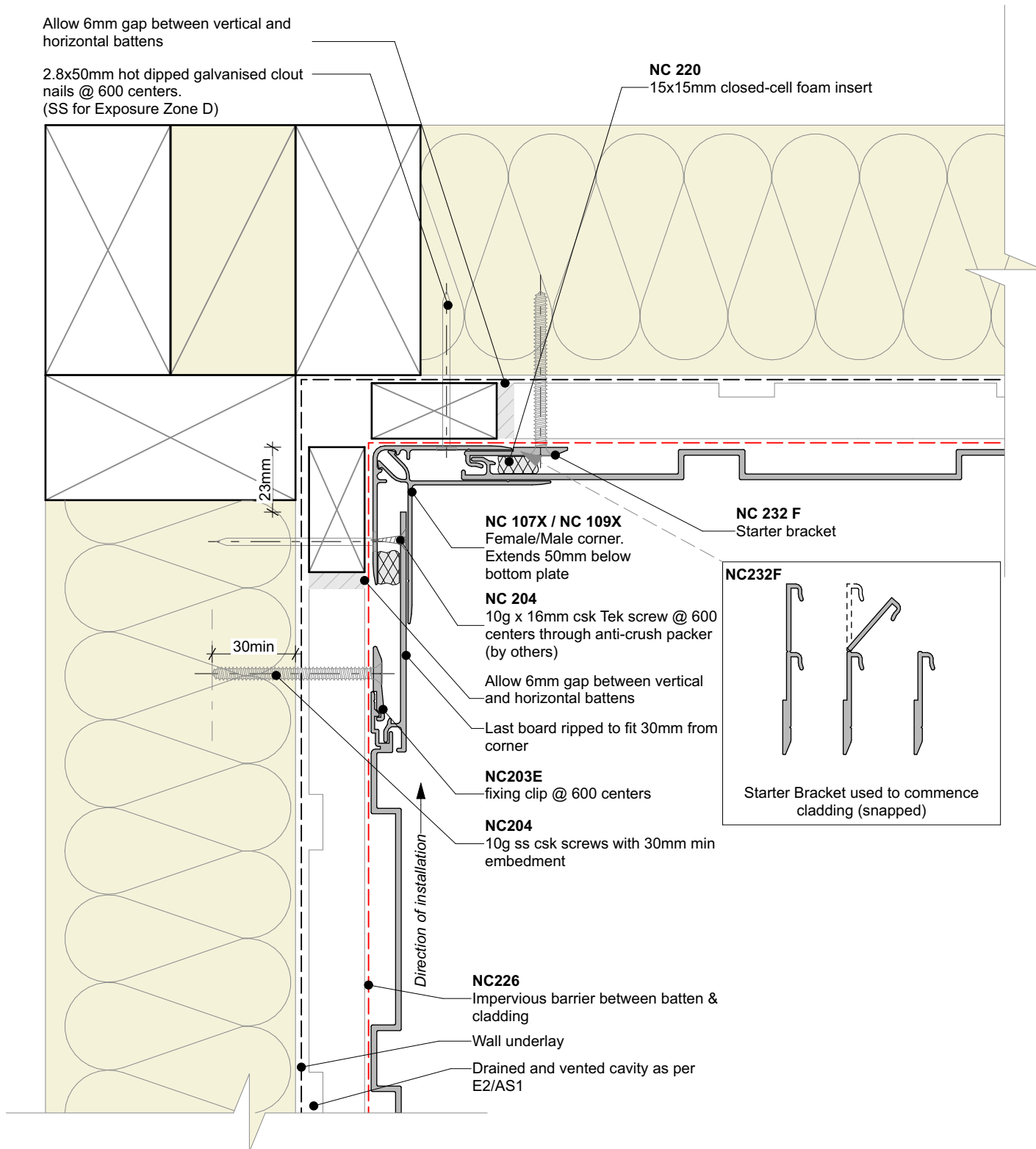
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	Nu-Wall cladding vertical on cavity		NW-VOC-012.02	
	External 90 deg corner using NC252 negative detail assembly		Drawn by: Nu-Wall	Date: 25/02/2025
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2.8x50mm hot dipped galvanised clout nails @ 600 centers.  
(SS for Exposure Zone D)

**NC 220**  
-15x15mm closed-cell foam insert



 interactive assembly  
instructions available  
<http://wksn.pz/nw-voc-inte>



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- 20mm single castellated timber battens required for all Nu-Wall installations.
- Batten to have 15° slope for moisture egress
- Allow 6mm gap between vertical and horizontal battens
- Sill and head battens to be max. 500mm with a 6mm gap to each segment
- 18mm single castellated battens are available from Nu Wall for all vertical applications to wall junctions and jambs
- Proprietary Nu-Wall Alibit is available as an alternative when a structural non-combustable cavity batten is required



Nu-Wall cladding vertical on cavity  
Internal 90 deg corner using NC107X and NC109X

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NW-VOC-013.02

Drawn by: Nu-Wall	Date: 25/02/2025
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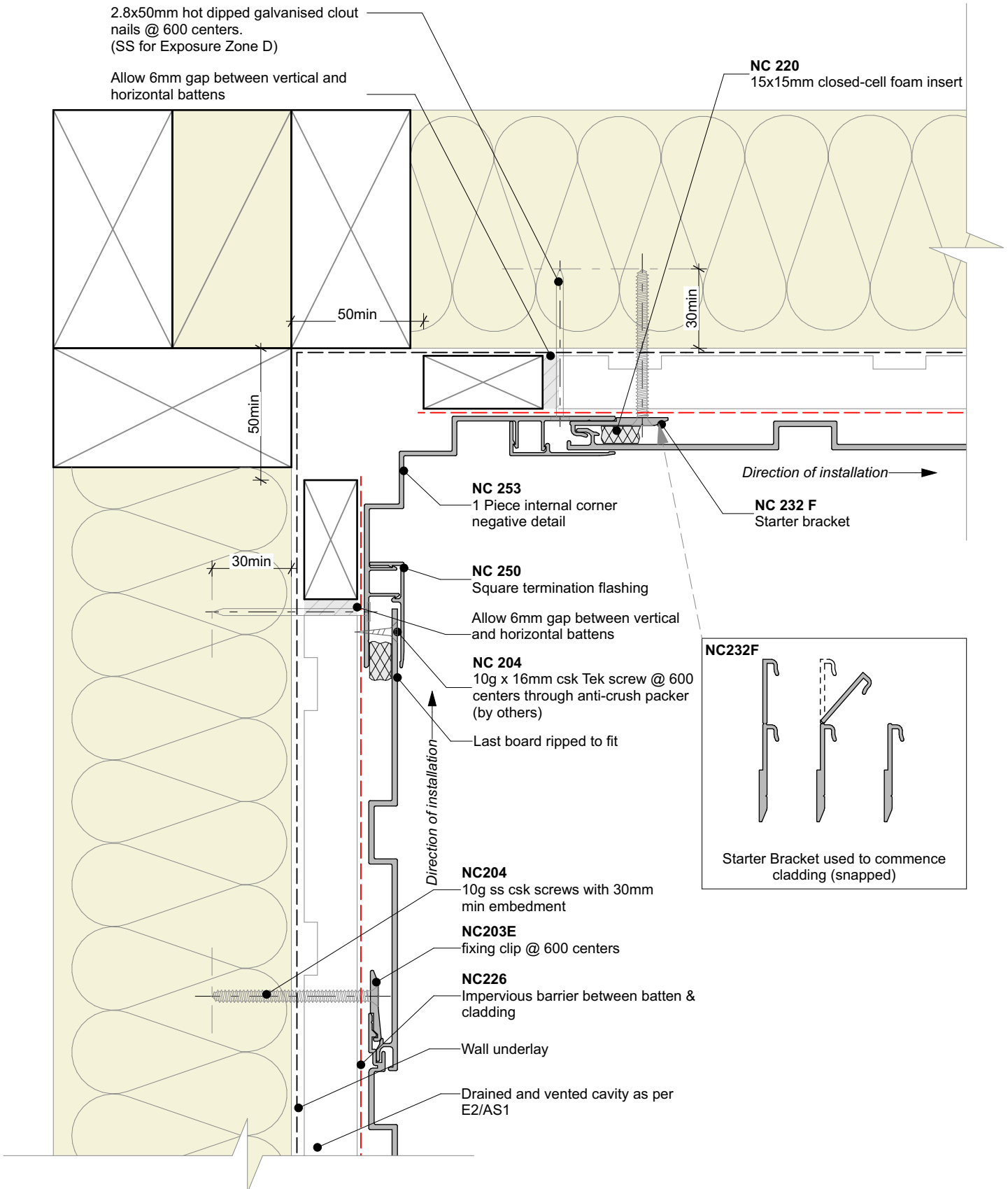
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2.8x50mm hot dipped galvanised clout nails @ 600 centers.  
(SS for Exposure Zone D)

Allow 6mm gap between vertical and horizontal battens

**NC 220**  
15x15mm closed-cell foam insert



#### Cavity batten note:

- 20mm single castellated timber battens required for all Nu-Wall installations.
- Batten to have 15° slope for moisture egress
- Allow 6mm gap between vertical and horizontal battens
- Sill and head battens to be max. 500mm with a 6mm gap to each segment
- 18mm single castellated battens are available from Nu Wall for all vertical applications to wall junctions and jambs
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Interactive assembly  
instructions available  
<http://wkspp.nz/nw-voc-intc2>



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**nu-wall**  
CLADDING

## Nu-Wall cladding vertical on cavity

### Internal 90 deg corner using NC253 negative detail

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**NW-VOC-014.02**

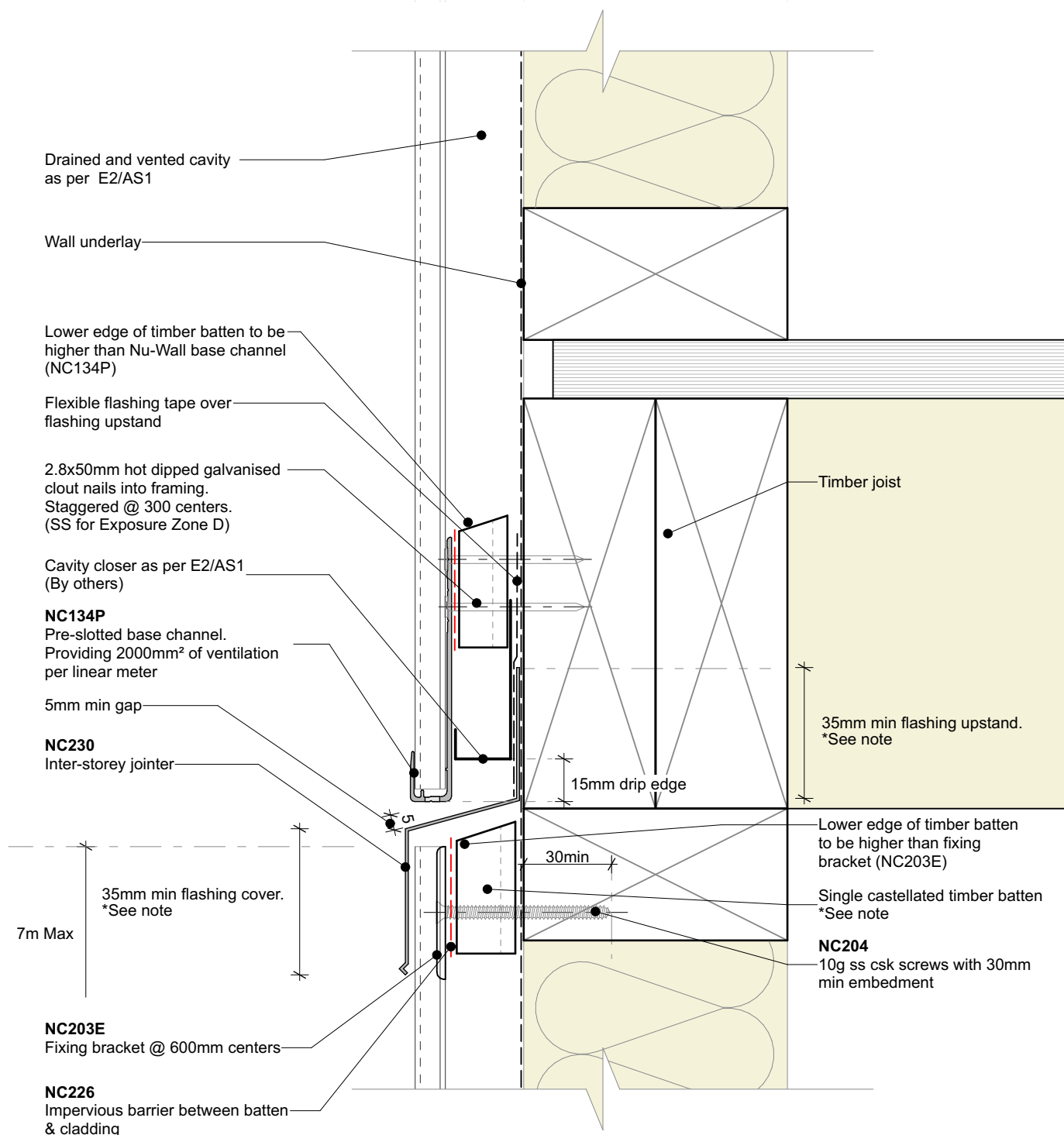
Drawn by: Nu-Wall

Date: 25/02/2025

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

#### Cavity batten note:

- 20mm single castellated timber battens required for all Nu-Wall installations.
- Batten to have 15° slope for moisture egress
- Allow 6mm gap between vertical and horizontal battens
- Sill and head battens to be max. 500mm with a 6mm gap to each segment
- 18mm single castellated battens are available from Nu Wall for all vertical applications to wall junctions and jambs
- Proprietary Nu-Wall Alibat is available as an alternative when a structural non-combustable cavity batten is required



## Nu-Wall cladding vertical on cavity Typical inter storey or horizontal joint

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NW-VOC-015.02

Drawn by: Nu-Wall

Date: 25/02/2025

Checked by: RL, GT

Scale: 1:2 @ A4

**NC227**

Plastic soaker flashing behind jamb.  
Flashing base extends down in to  
base channel or into a horizontal  
joint

See notes for correct setting  
out position of windows

8 - 10mm cover

**NC246**

Neoprene sealant tape

**NC248**

Jamb flashing cap

**NC247**

Jamb flashing base.

Leave 6mm gap between sill  
batten. Sill batten to be max.  
length 500mm

**NC226**

Impervious barrier between  
batten & cladding

Wall underlay

Drained and vented cavity as  
per E2/AS1

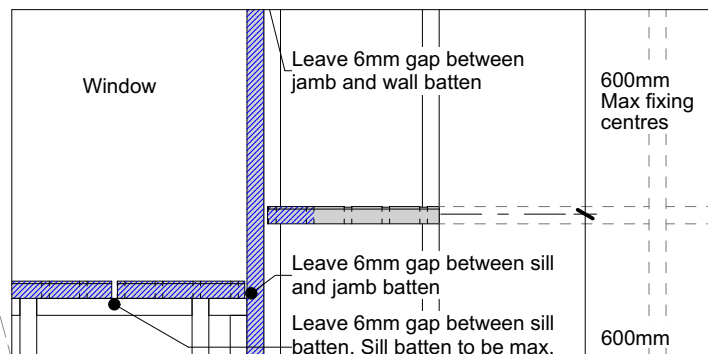
Flashing tape  
(by others)

Packer as required

Air seal

Aluminium window support bar

Single castellated timber batten.  
Notched as required at sill support bar.  
\*See note

**General note:**

- Cladding fixings omitted for clarity

**Window setting out notes: (from face of cavity batten)**

- 17-18mm for hollow fin windows
- 18-20mm for solid fin windows

**Cavity batten note:**

- 20mm single castellated timber battens required for all Nu-Wall installations.
- Batten to have 15° slope for moisture egress
- Allow 6mm gap between vertical and horizontal battens
- Sill and head battens to be max. 500mm with a 6mm gap to each segment
- 18mm single castellated battens are available from Nu Wall for all vertical applications to wall junctions and jambs
- Proprietary Nu-Wall Alibat is available as an alternative when a structural non-combustable cavity batten is required

Interactive assembly  
instructions available  
<http://wksp.nz/nw-voc-win>



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**nu-wall**  
CLADDING

Nu-Wall cladding vertical on cavity

Typical sill section - NC247 and NC248 assembly

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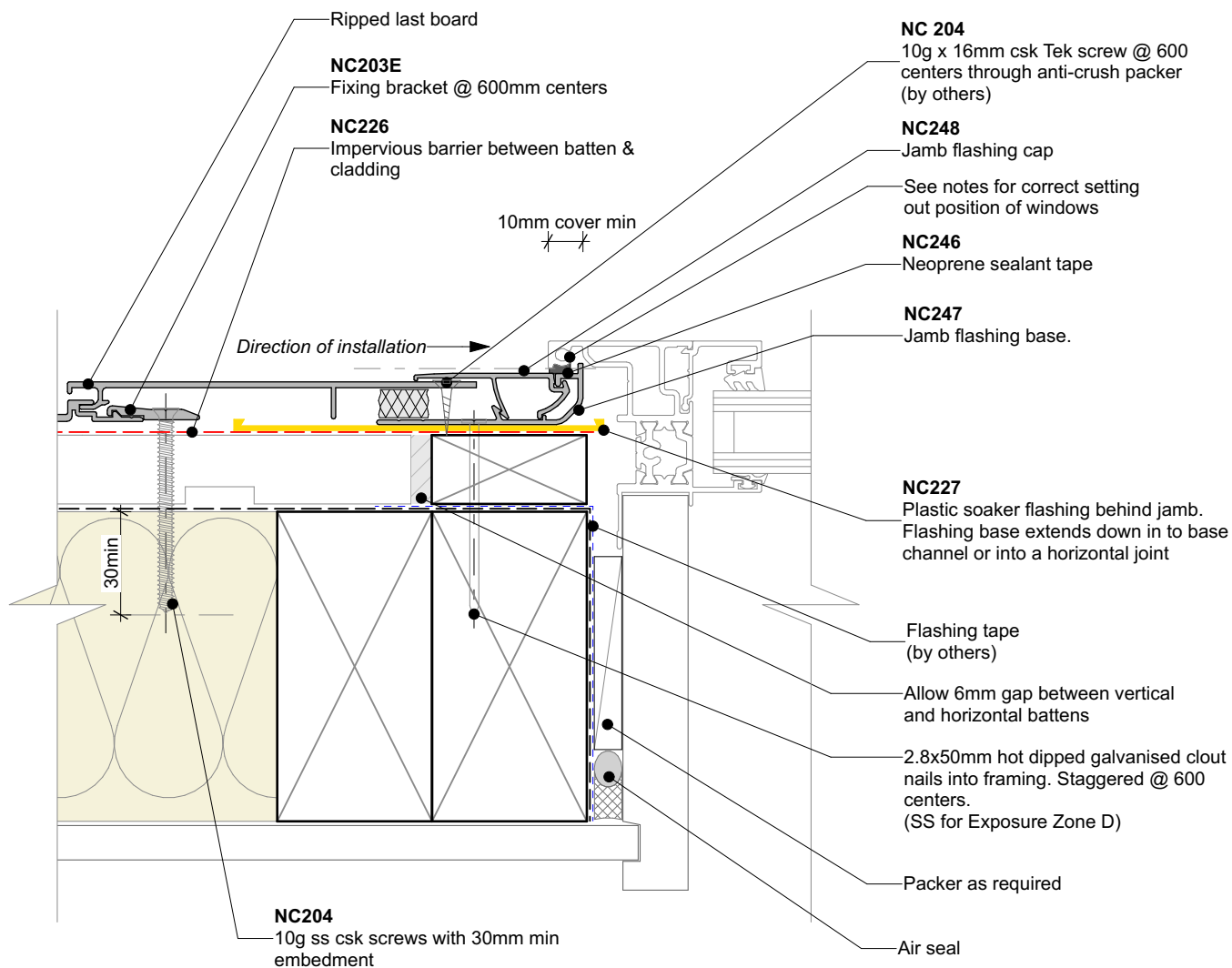
NW-VOC-016.02

Drawn by: Nu-Wall

Date: 25/02/2025

Checked by: RL, GT

Scale: 1:2 @ A4



**General note:**

- Cladding fixings omitted for clarity

**Window setting out notes: (from face of cavity batten)**

- 17-18mm for hollow fin windows
- 18-20mm for solid fin windows

**Cavity batten note:**

- 20mm single castellated timber battens required for all Nu-Wall installations.
- Batten to have 15° slope for moisture egress
- Allow 6mm gap between vertical and horizontal battens
- Sill and head battens to be max. 500mm with a 6mm gap to each segment
- 18mm single castellated battens are available from Nu Wall for all vertical applications to wall junctions and jambs
- Proprietary Nu-Wall Alibat is available as an alternative when a structural non-combustable cavity batten is required

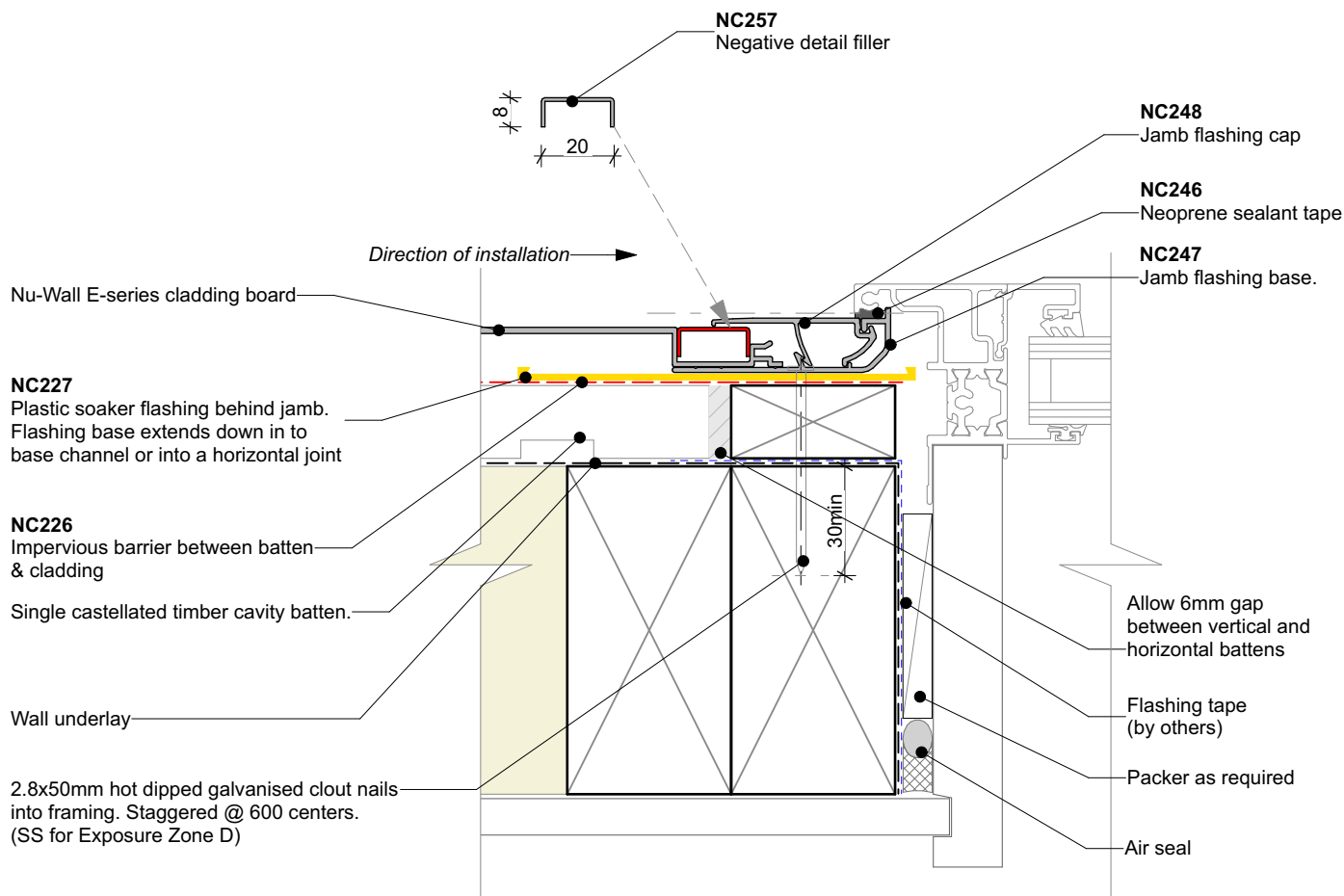
Interactive assembly  
instructions available  
<http://wksp.nz/nw-voc-win>



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	Nu-Wall cladding vertical on cavity		NW-VOC-017.02	
	Typical jamb section - NC247 and NC248 assembly		Drawn by: Nu-Wall	Date: 25/02/2025
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**General note:**

- Cladding fixings omitted for clarity

**Window setting out notes: (from face of cavity batten)**

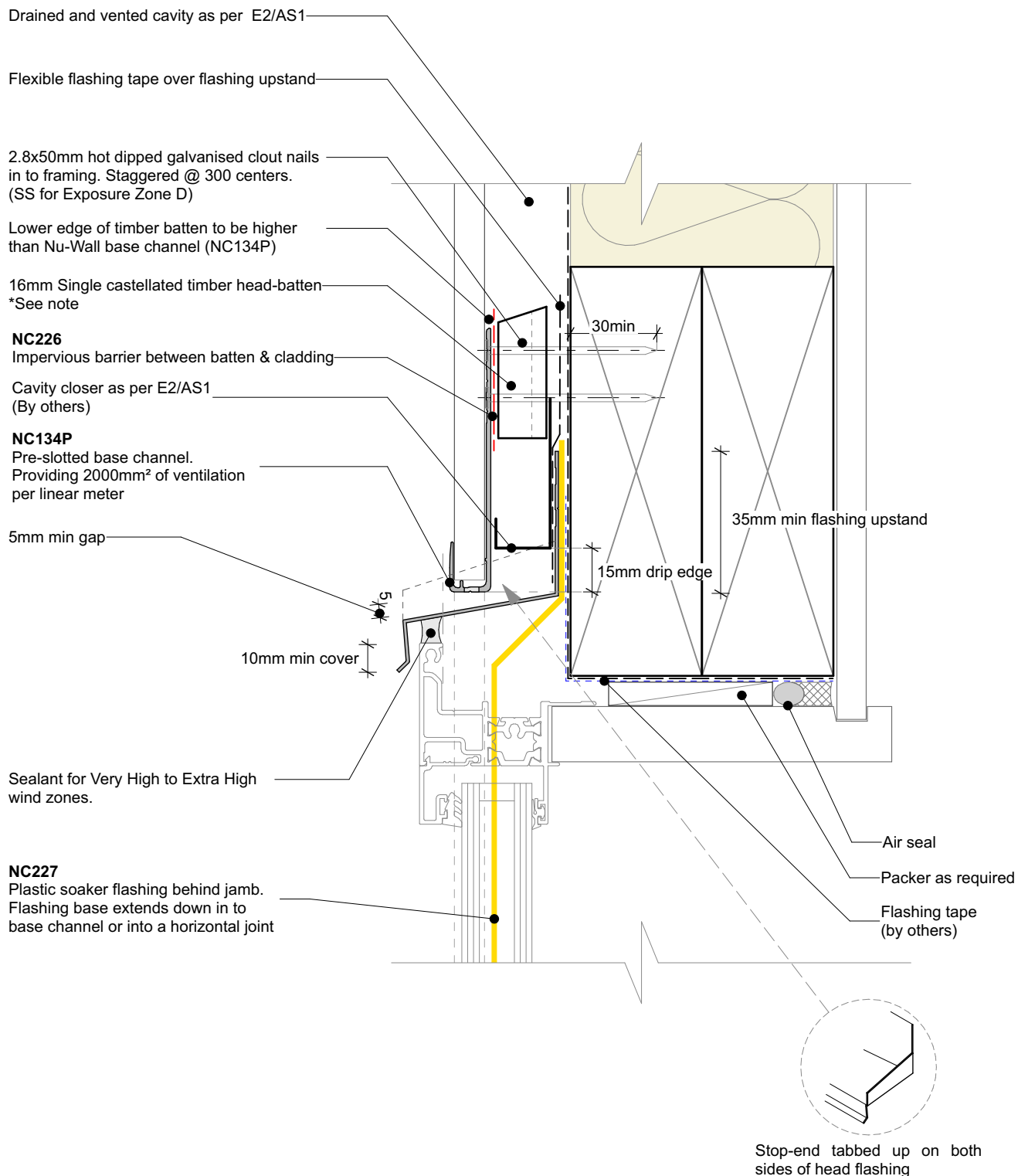
- 17-18mm for hollow fin windows
- 18-20mm for solid fin windows

**Cavity batten note:**

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- Batten to have 15° slope for moisture egress
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- Proprietary Nu-Wall Alibat is available as an alternative when a structural non-combustable cavity batten is required



	Nu-Wall cladding vertical on cavity		NW-VOC-018.02	
	Typical jamb section with negative detail filler		Drawn by: Nu-Wall	Date: 25/02/2025
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**General note:**

- Cladding fixings omitted for clarity

**Window setting out notes: (from face of cavity batten)**

- 17-18mm for hollow fin windows
- 18-20mm for solid fin windows

**Cavity batten note:**

- 20mm single castellated timber battens required for all Nu-Wall installations.
- Batten to have 15° slope for moisture egress
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- 18mm single castellated battens are available from Nu Wall for all vertical applications to wall junctions and jambs
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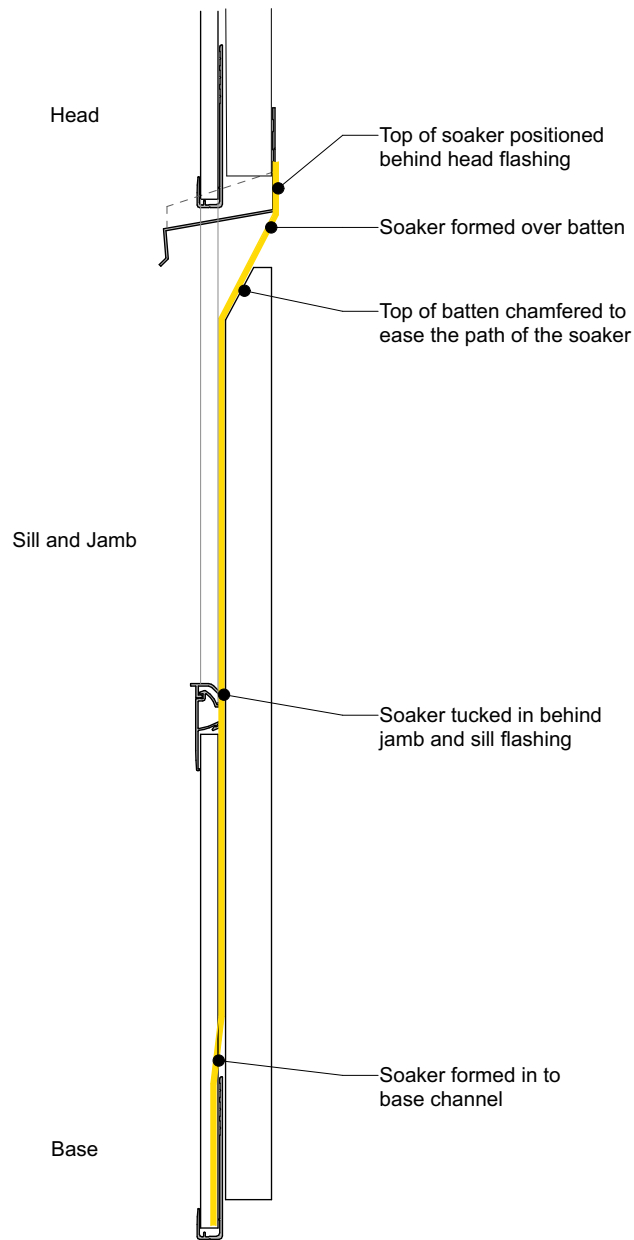
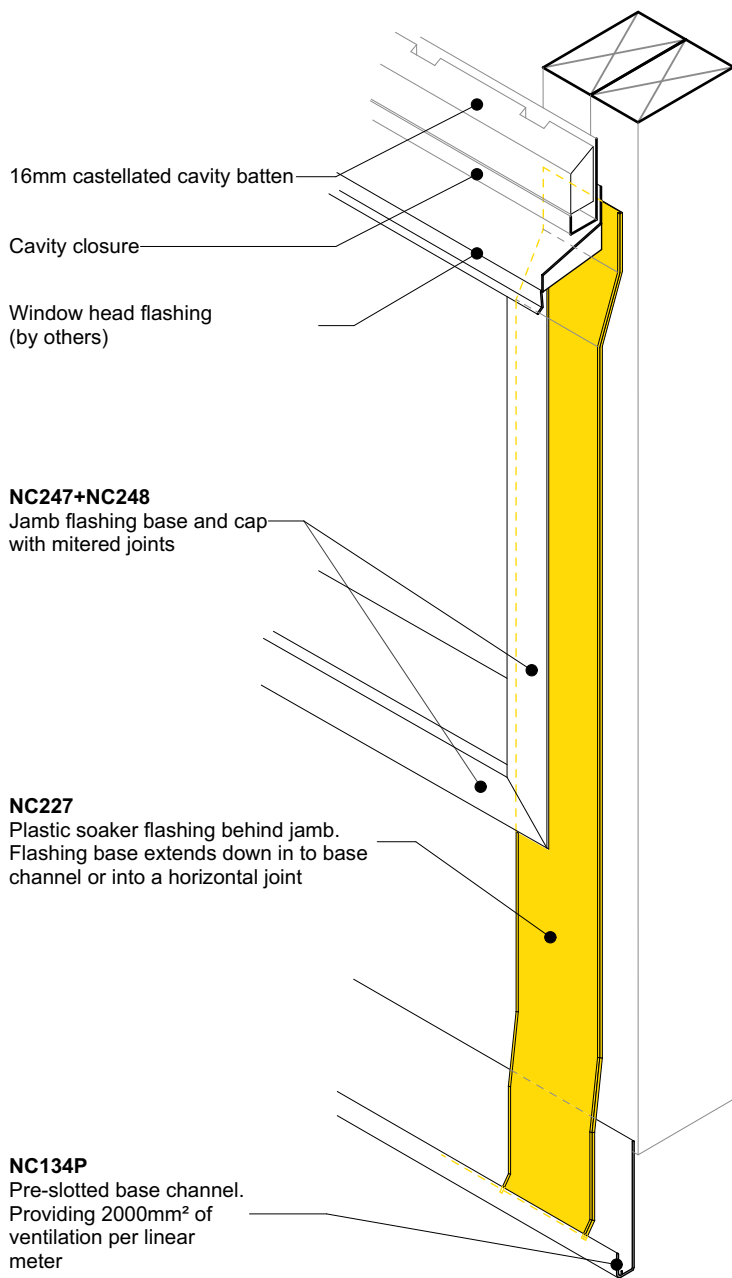
Interactive assembly  
instructions available  
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	Nu-Wall cladding vertical on cavity		NW-VOC-019.02	
	Typical head section		Drawn by: Nu-Wall	Date: 25/02/2025
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**nu-wall**  
CLADDING

## Nu-Wall cladding vertical on cavity Soaker installation to window jamb

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**NW-VOC-020.02**

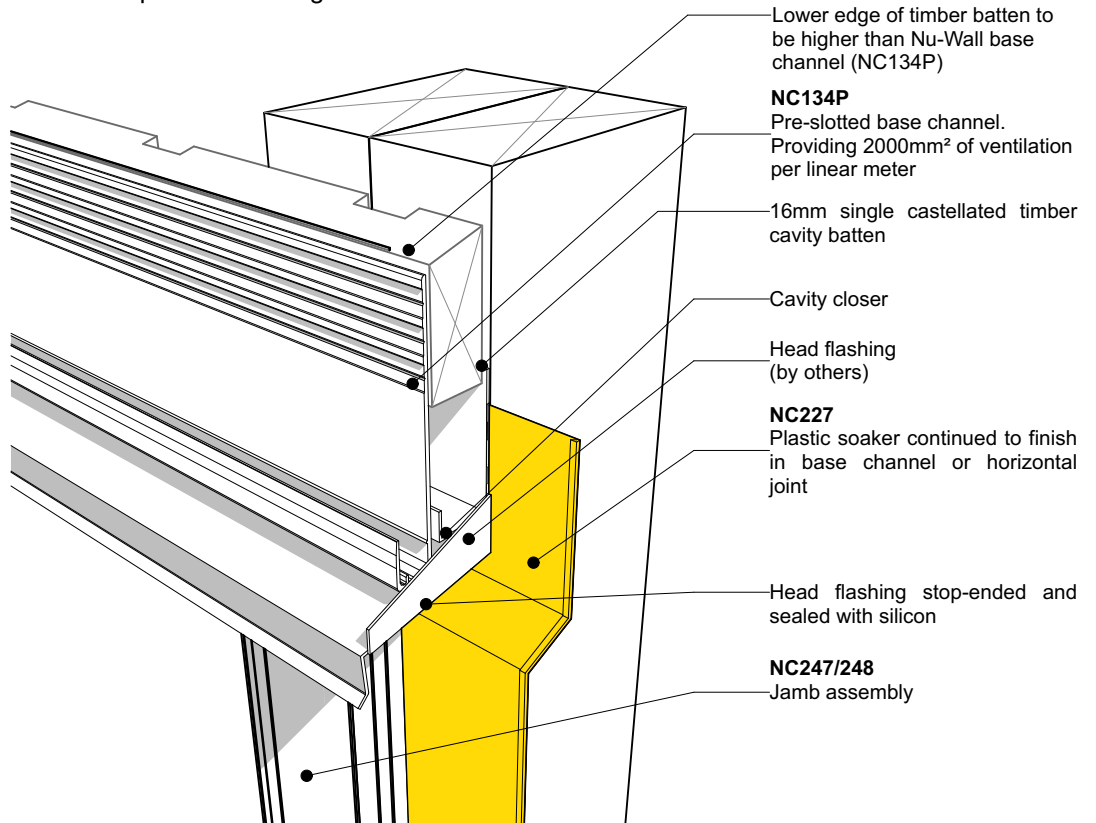
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Date: 25/02/2025

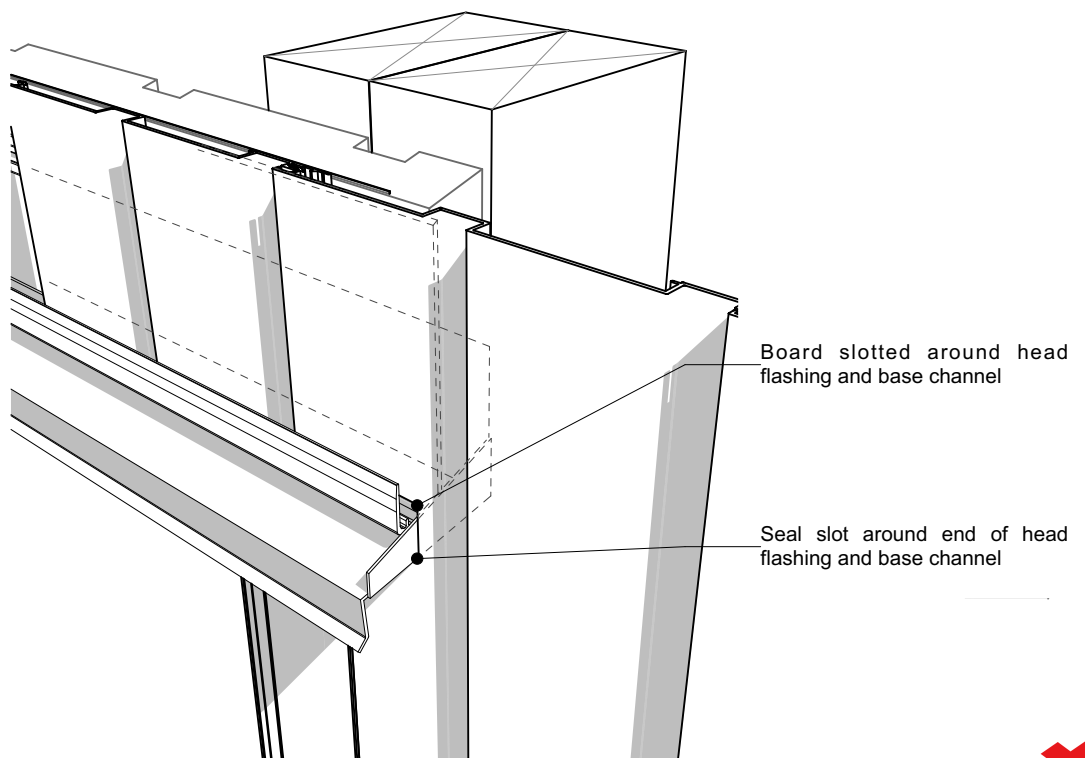
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Junction prior to cladding around window head



Junction after cladding around window head



## Nu-Wall cladding vertical on cavity

### Typical head flashing end detail

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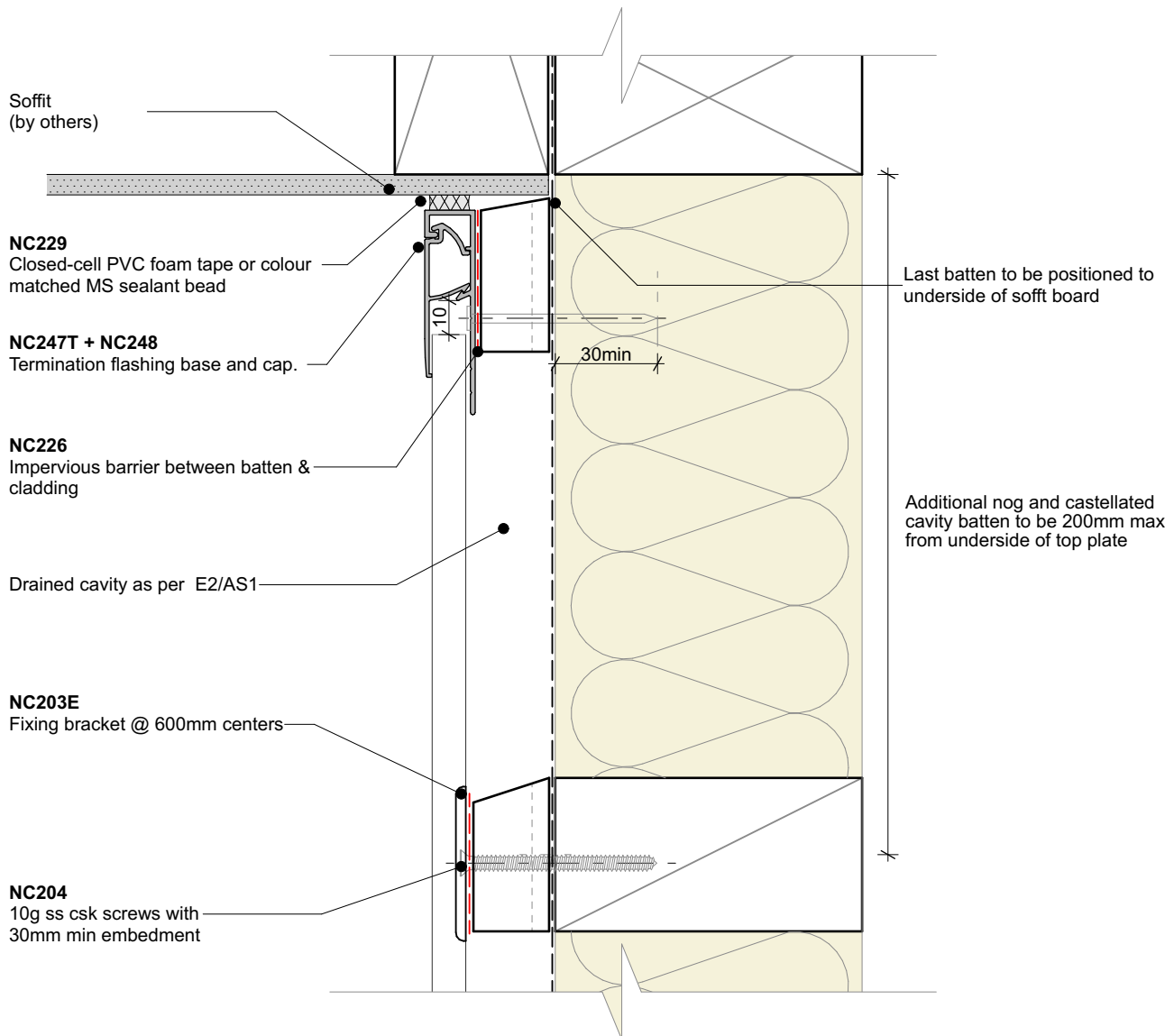
NW-VOC-021.02

Drawn by: Nu-Wall

Date: 25/02/2025

Checked by: RL, GT

Scale: NTS



**General note:**

- Cladding fixings omitted for clarity

**Cavity batten note:**

- 20mm single castellated timber battens required for all Nu-Wall installations.
- Batten to have 15° slope for moisture egress
- Allow 6mm gap between vertical and horizontal battens
- Sill and head battens to be max. 500mm with a 6mm gap to each segment
- 18mm single castellated battens are available from Nu Wall for all vertical applications to wall junctions and jambs
- Proprietary Nu-Wall Alibat is available as an alternative when a structural non-combustable cavity batten is required

Interactive assembly  
instructions available

<http://wksp.nz/nw-voc-sof>

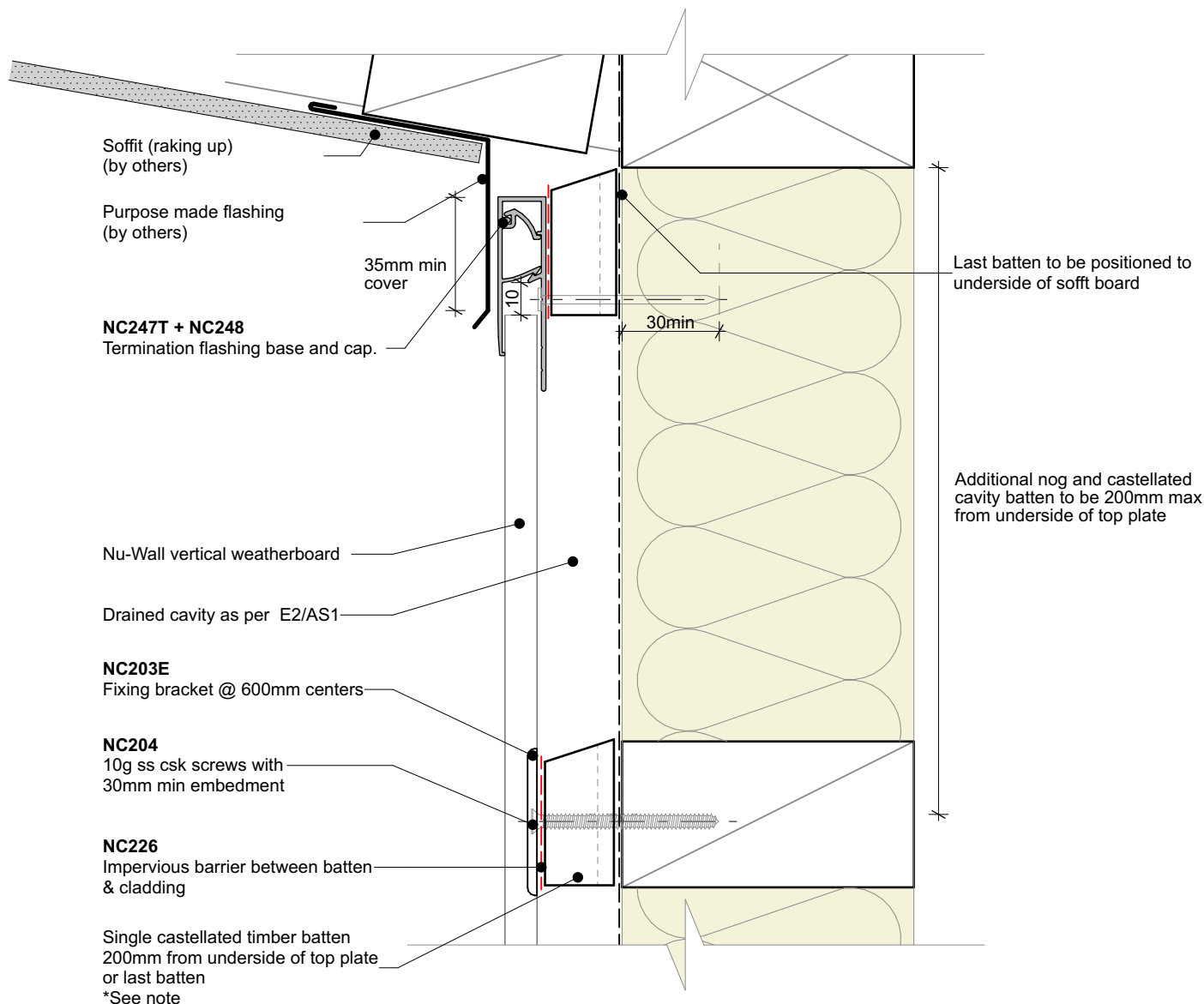


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	Nu-Wall cladding vertical on cavity		NW-VOC-022a.03	
	Typical soffit trim		Drawn by: Nu-Wall	Date: 25/02/2025
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**General note:**

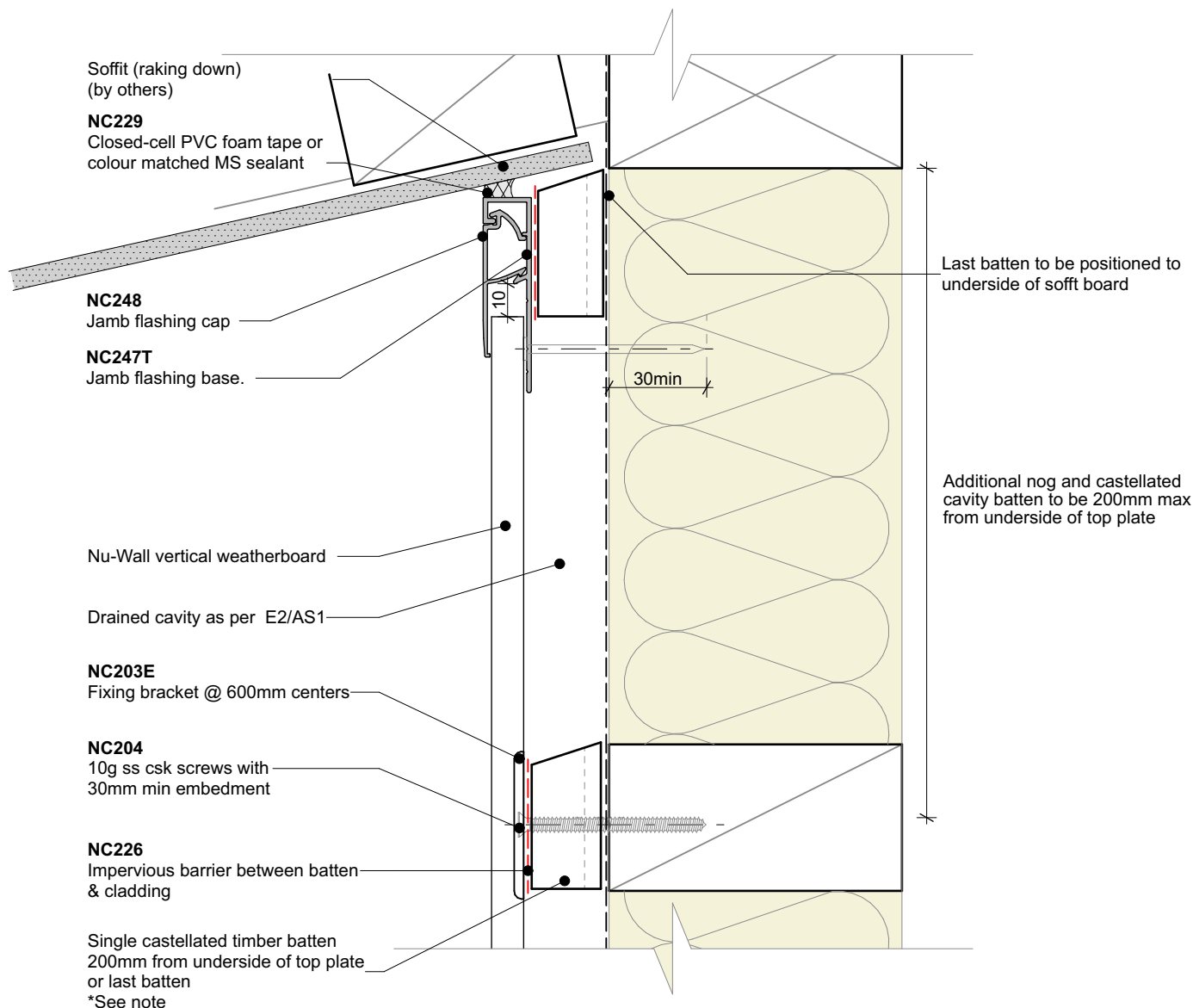
- Cladding fixings omitted for clarity

**Cavity batten note:**

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- Batten to have 15° slope for moisture egress
- Allow 6mm gap between vertical and horizontal battens
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- 18mm single castellated battens are available from Nu Wall for all vertical applications to wall junctions and jambs
- Proprietary Nu-Wall Alibat is available as an alternative when a structural non-combustable cavity batten is required



	Nu-Wall cladding vertical on cavity		NW-VOC-022b.03	
	Typical raking soffit		Drawn by: Nu-Wall	Date: 25/02/2025
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#### General note:

- Cladding fixings omitted for clarity

#### Cavity batten note:

- 20mm single castellated timber battens required for all Nu-Wall installations.
- Batten to have 15° slope for moisture egress
- Allow 6mm gap between vertical and horizontal battens
- Sill and head battens to be max. 500mm with a 6mm gap to each segment
- 18mm single castellated battens are available from Nu Wall for all vertical applications to wall junctions and jambs
- Proprietary Nu-Wall Alibat is available as an alternative when a structural non-combustable cavity batten is required

interactive assembly  
instructions available

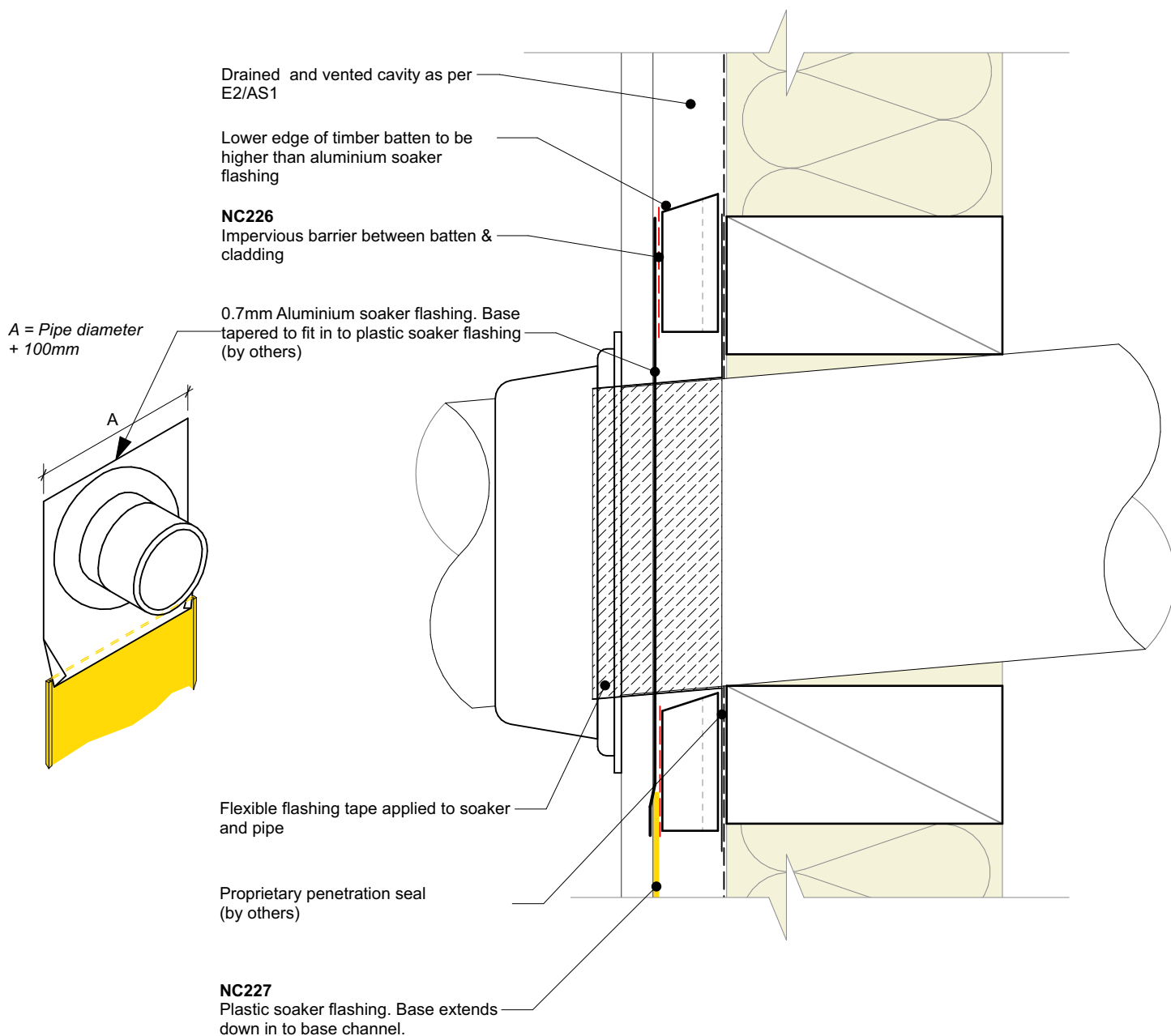
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	Nu-Wall cladding vertical on cavity		NW-VOC-022c.03	
	Typical inverse raking soffit		Drawn by: Nu-Wall	Date: 25/02/2025
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**General note:**

- Cladding fixings omitted for clarity

**Cavity batten note:**

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- Proprietary Nu-Wall Alibat is available as an alternative when a structural non-combustable cavity batten is required



	Nu-Wall cladding vertical on cavity		NW-VOC-023.02	
	Typical pipe penetration		Drawn by: Nu-Wall	Date: 25/02/2025
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Flexible flashing tape over flashing upstand

Lower edge of timber batten to be higher than Nu-Wall base channel (NC134P)

2.8x50mm hot dipped galvanised clout nails in to framing. Staggered @ 300 centers. (SS for Exposure Zone D)

16mm Single castellated timber head-batten  
\*See note

#### NC226

Impervious barrier between batten & cladding

Cavity closer as per E2/AS1  
(By others)

#### NC134P

Pre-slotted base channel.  
Providing 2000mm<sup>2</sup> of ventilation per linear meter

5mm min gap

10mm min cover

Sealant for Very High to Extra High wind zones.

Proprietary penetration seal by others

Continuous sealant on PEF backing rod

Selected ventilation cowl

Flexible flashing tape applied to soaker and pipe

#### NC246

Neoprene sealant tape

#### NC248

Jamb flashing cap

#### NC247

Jamb flashing base.

#### NC227

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

#### Cavity batten note:

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- Proprietary Nu-Wall Alibat is available as an alternative when a structural non-combustable cavity batten is required



Stop-end tabbed up on both sides of head flashing

**nu-wall**  
CLADDING

## Nu-Wall cladding vertical on cavity Typical large pipe penetration with cowl

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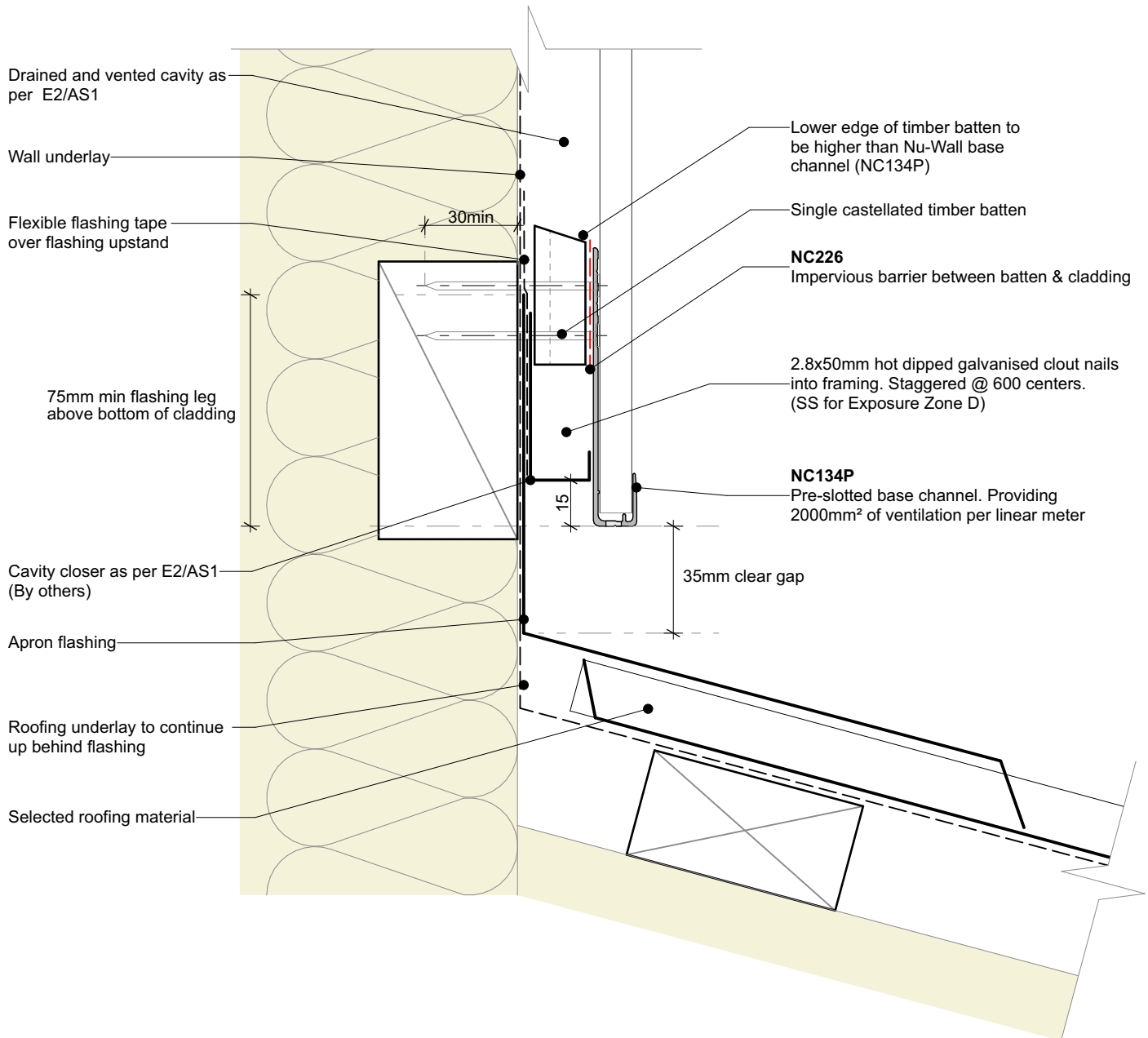
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Drawn by: Nu-Wall

Date: 25/02/2025

Checked by: RL, GT

Scale: 1:2 @ A4



**General note:**

- Cladding fixings omitted for clarity

**Cavity batten note:**

- 20mm single castellated timber battens required for all Nu-Wall installations.
- Batten to have 15° slope for moisture egress
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- Proprietary Nu-Wall Alibat is available as an alternative when a structural non-combustable cavity batten is required



**nu-wall**  
CLADDING

**Nu-Wall cladding vertical on cavity**  
**Typical apron roof to wall junction**

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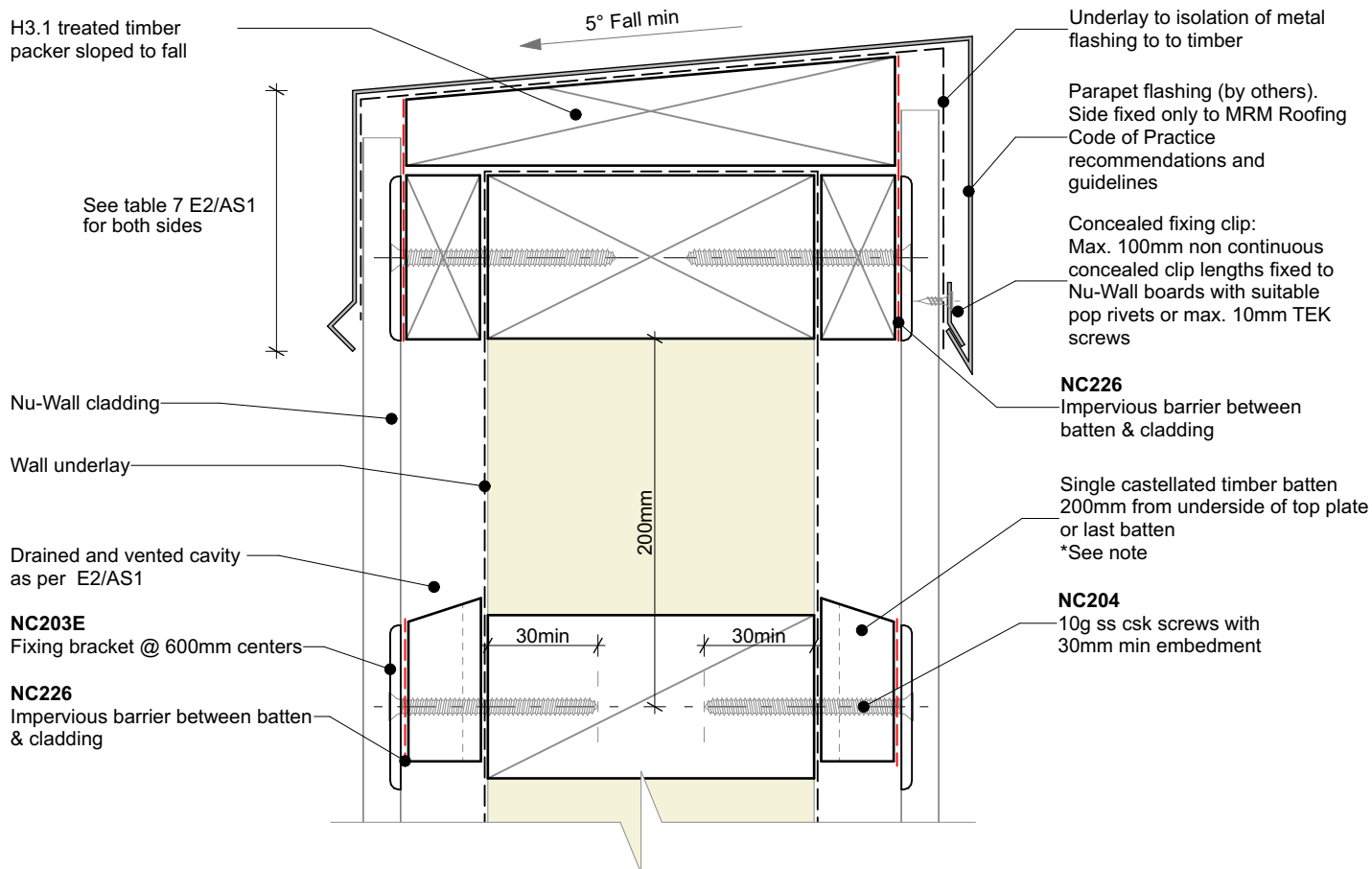
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Date: 25/02/2025

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#### General note:

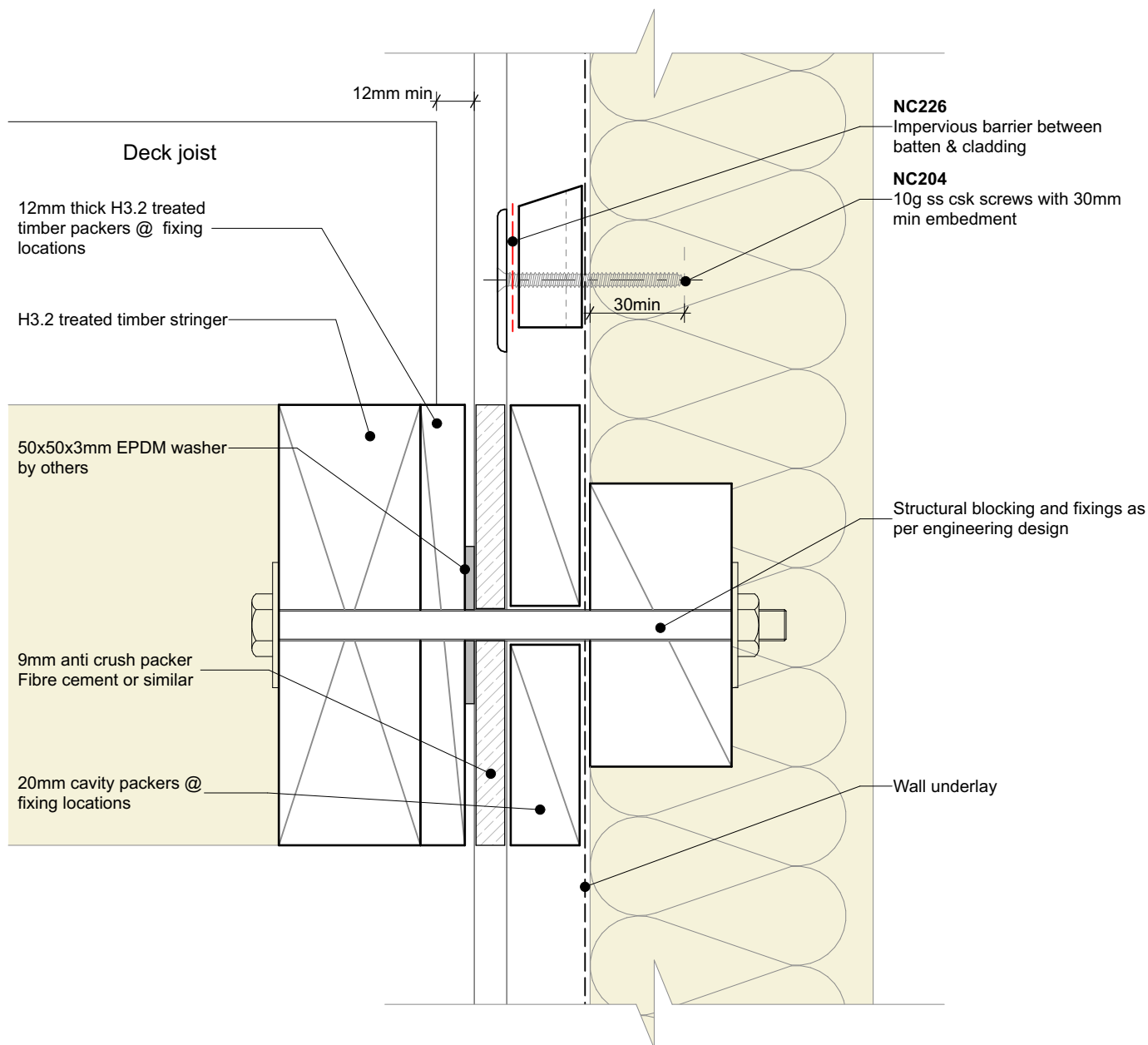
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#### Cavity batten note:

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- Batten to have 15° slope for moisture egress
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	Nu-Wall cladding vertical on cavity		NW-VOC-025.02	
	Typical parapet to wall		Drawn by: Nu-Wall	Date: 25/02/2025
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**General note:**

- Cladding fixings omitted for clarity

**Cavity batten note:**

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**nu-wall**  
CLADDING

Nu-Wall cladding vertical on cavity

Typical deck to wall junction

NW-VOC-026.02

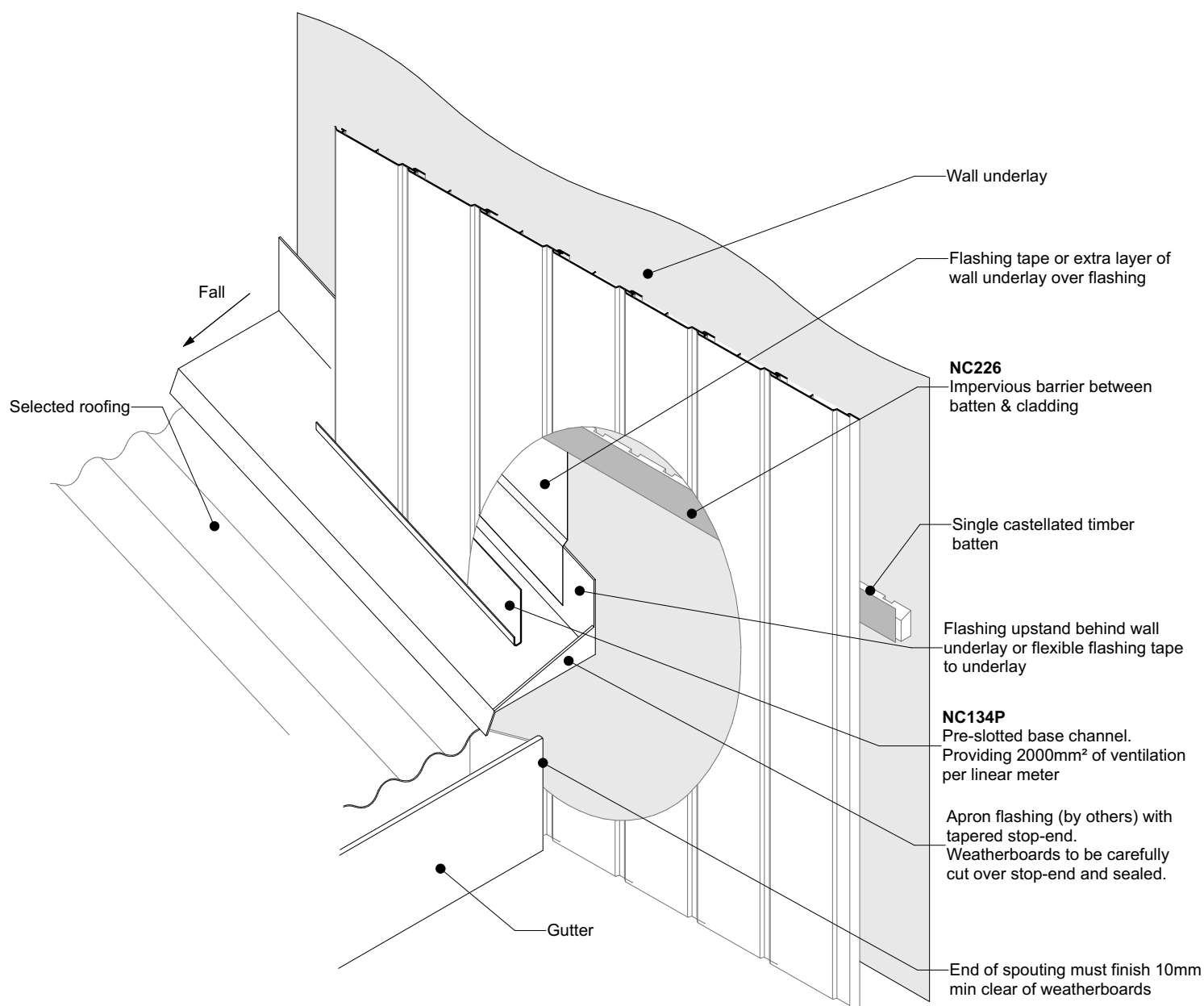
Drawn by: Nu-Wall

Date: 25/02/2025

Checked by: RL, GT

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**General note:**

- Cladding fixings omitted for clarity

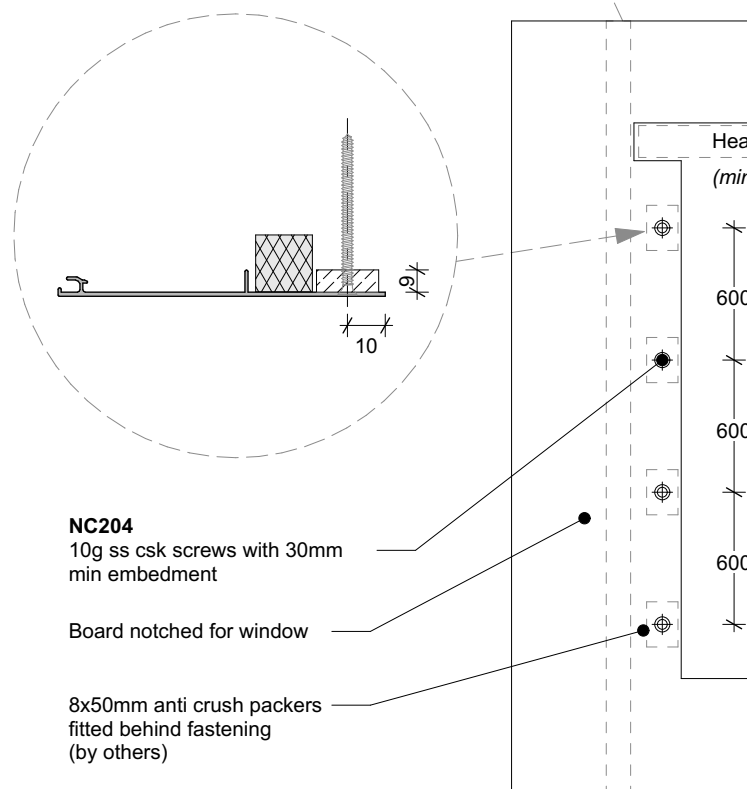
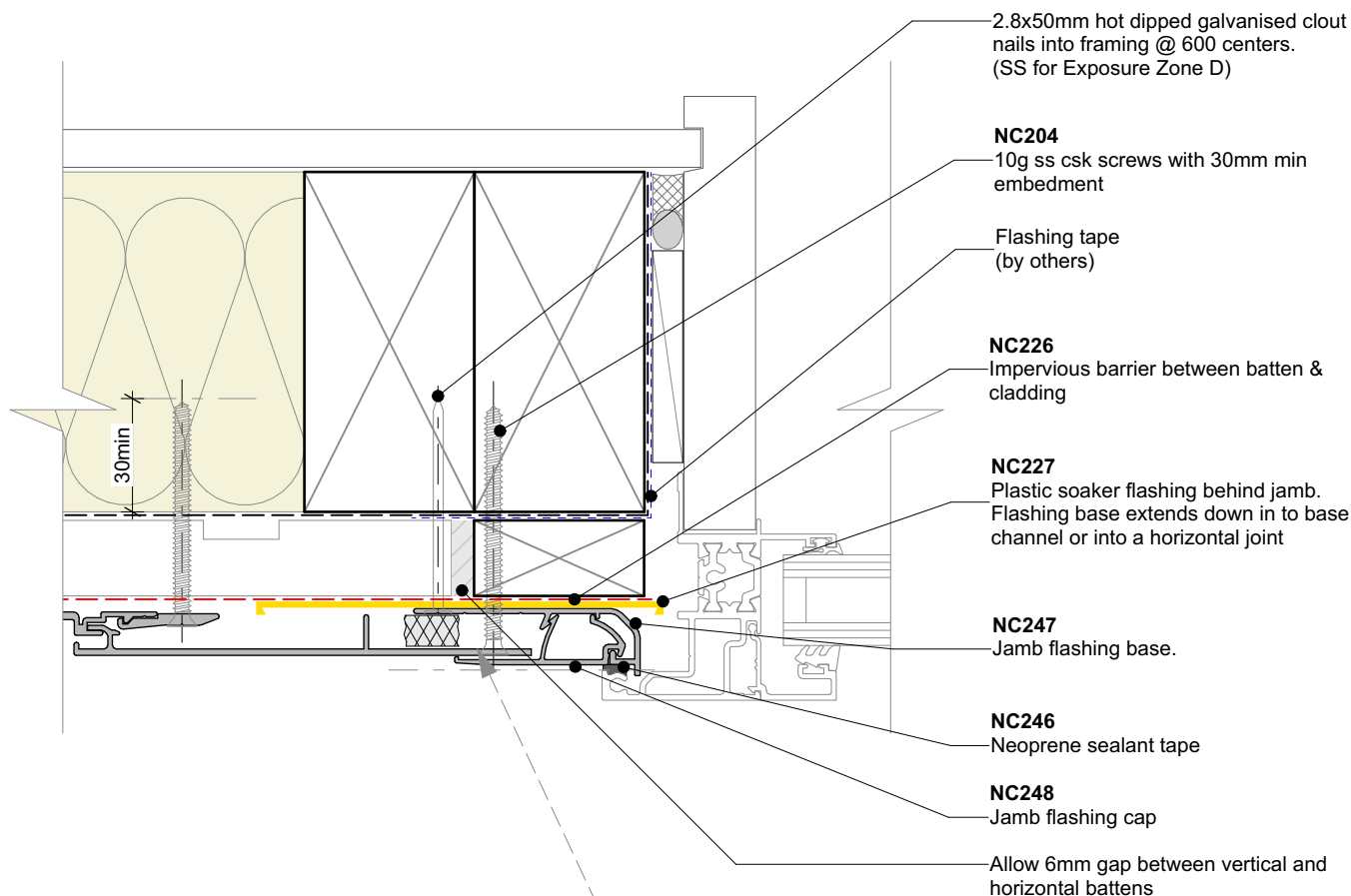
**Cavity batten note:**

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	Nu-Wall cladding vertical on cavity		NW-VOC-027.02	
	Typical roof and gutter to wall junction		Drawn by: Nu-Wall	Date: 25/02/2025
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**General note:**

- Cladding fixings omitted for clarity

**Cavity batten note:**

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**Nu-Wall cladding vertical on cavity  
Notching board around window jamb**

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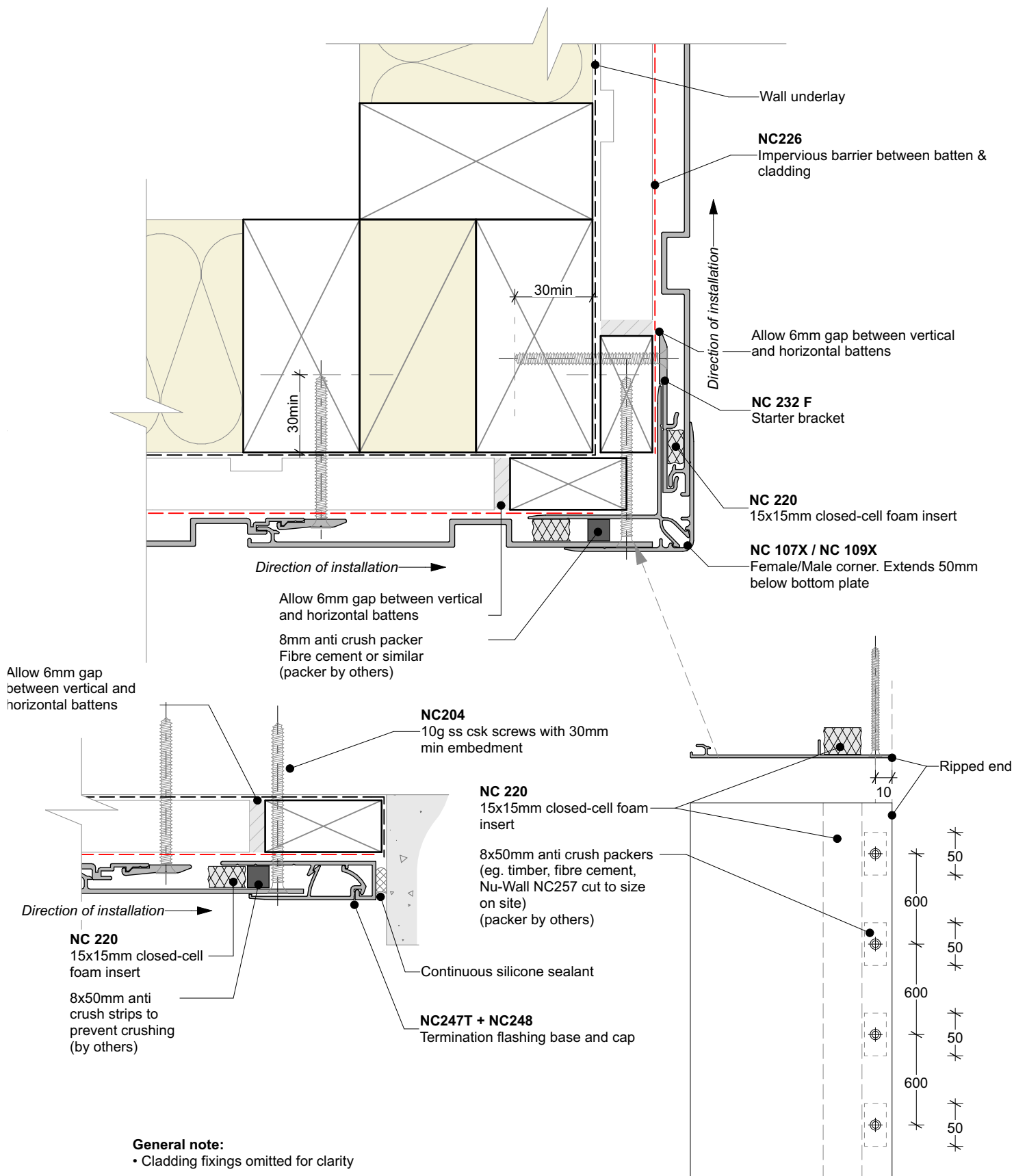
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Drawn by: Nu-Wall

Date: 25/02/2025

Checked by: RL, GT

Scale: NTS



#### General note:

- Cladding fixings omitted for clarity

#### Cavity batten note:

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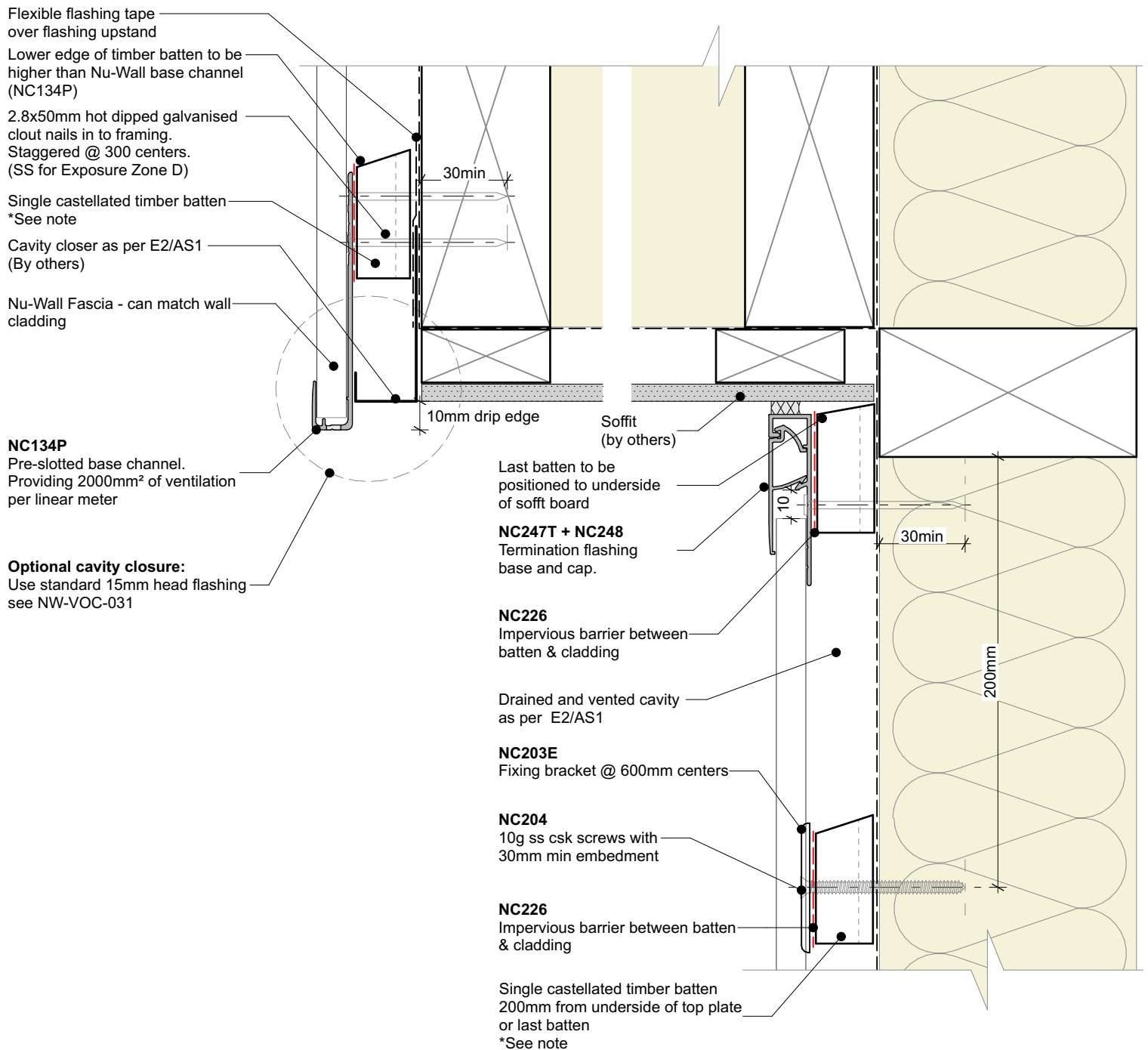
**nu-wall**  
CLADDING

## Nu-Wall cladding vertical on cavity Ripped board to end of wall junction

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**NW-VOC-029.03**

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Checked by: RL, GT	Scale: NTS



#### General note:

- Cladding fixings omitted for clarity

#### Cavity batten note:

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Interactive assembly  
instructions available

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CLADDING

## Nu-Wall cladding vertical on cavity

### Typical Nu-Wall fascia to soffit

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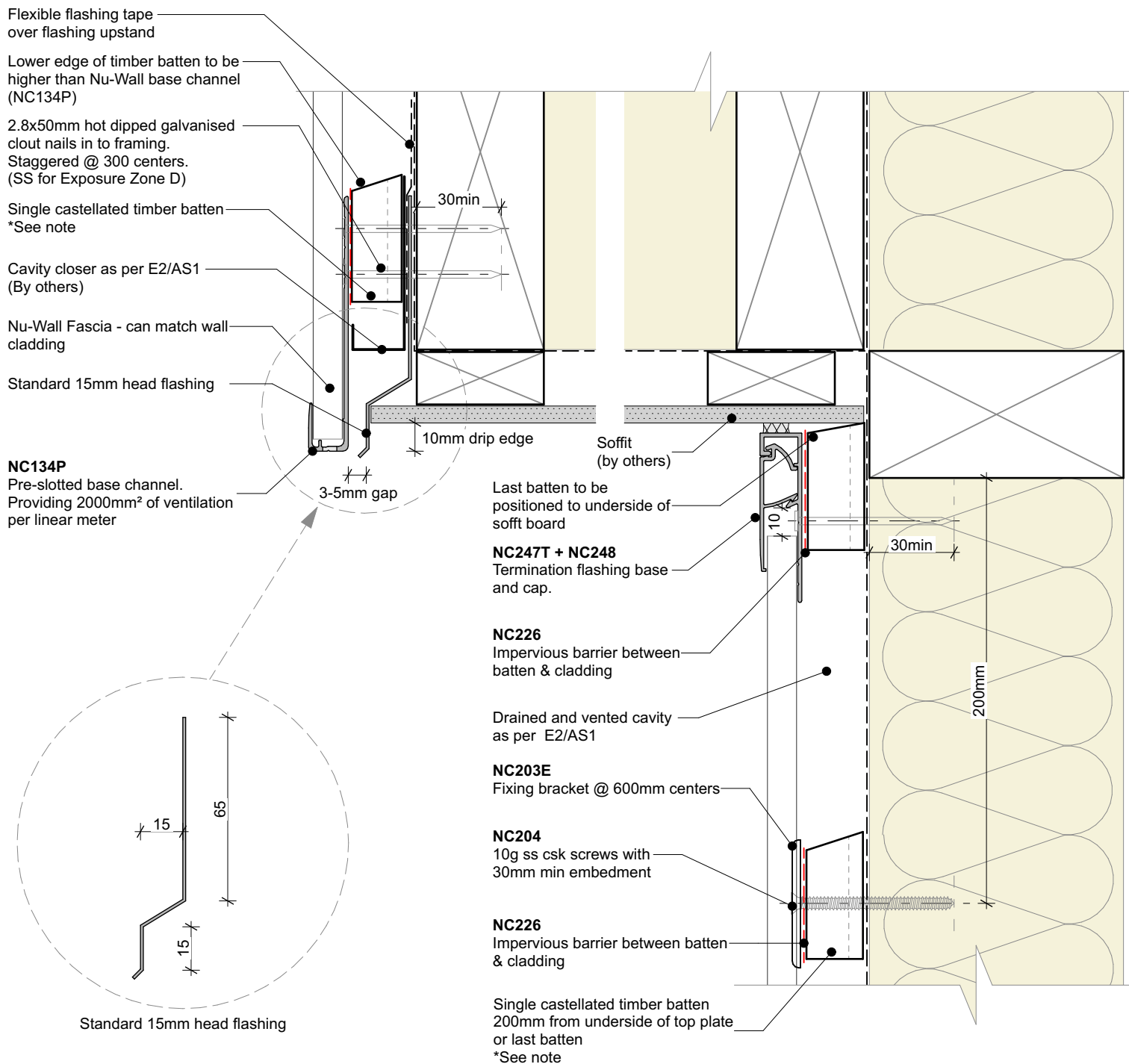
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#### General note:

- Cladding fixings omitted for clarity

#### Cavity batten note:

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Interactive assembly  
instructions available

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	Nu-Wall cladding vertical on cavity		NW-VOC-030b.03	
	Typical Nu-Wall fascia to soffit - Optional cavity closure		Drawn by: Nu-Wall	Date: 25/02/2025
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# ALTERNATIVE DETAIL

## NC247T + NC248

Termination flashing base and cap with back flashing as alternative

## NC204

10g ss csk screws with 30mm min embedment

## NC203E

Fixing bracket @ 600mm centers

Flexible flashing tape over flashing upstand

Single castellated timber batten  
\*See note

2.8x50mm hot dipped galvanised clout nails in to framing. Staggered @ 300centers. (SS for Exposure Zone D)

Lower edge of timber batten to be higher than Nu-Wall base channel (NC134P)

Nu-Wall Fascia - can match wall cladding

## MCK 35361

Head flashing fitted as cavity closure (No standard cavity closure required)

## NC134P

Pre-slotted base channel. Providing 2000mm² of ventilation per linear meter

10mm drip edge

3-5mm gap

## NC107 + NC109

NC107 & NC109 assembly

Last batten to be positioned to underside of soffit board

## NC226

Impervious barrier between batten & cladding

Drained and vented cavity as per E2/AS1

## General note:

- Cladding fixings omitted for clarity

## Cavity batten note:

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**nu-wall**  
CLADDING

Nu-Wall cladding vertical on cavity

Typical Nu-Wall to fascia - soffit - wall (with alternative)

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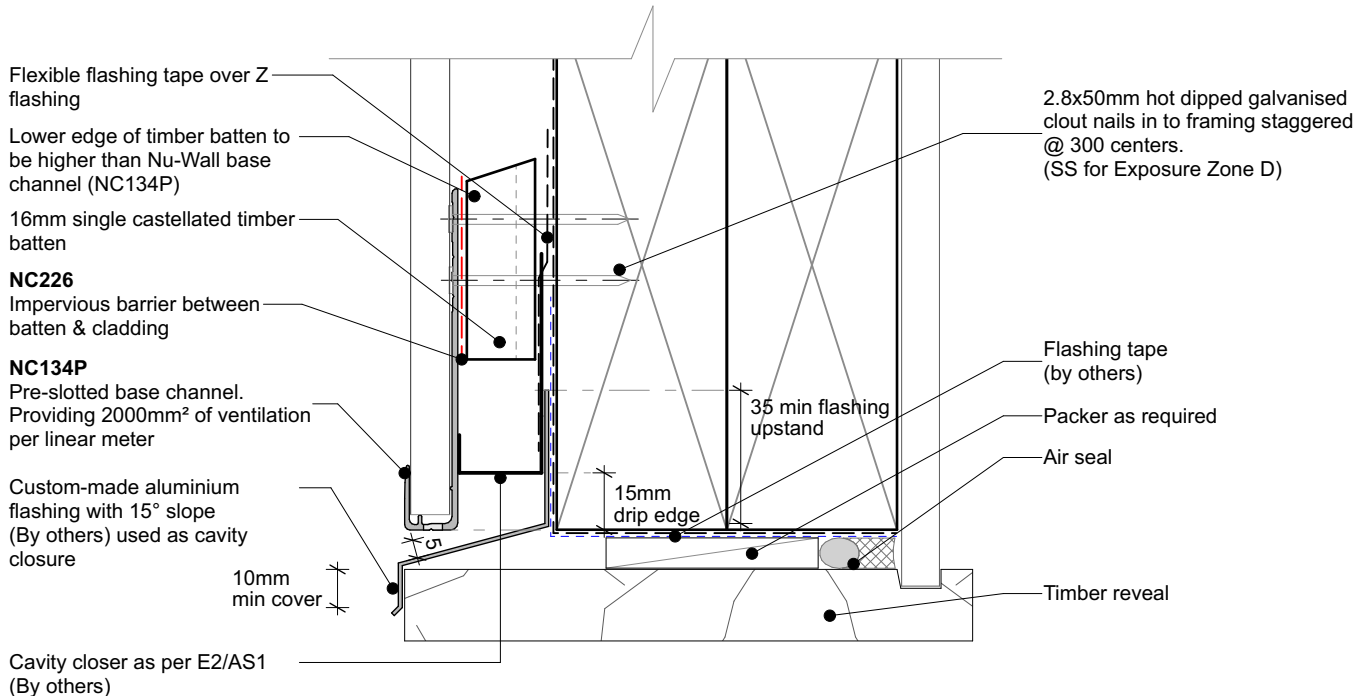
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Drawn by: Nu-Wall

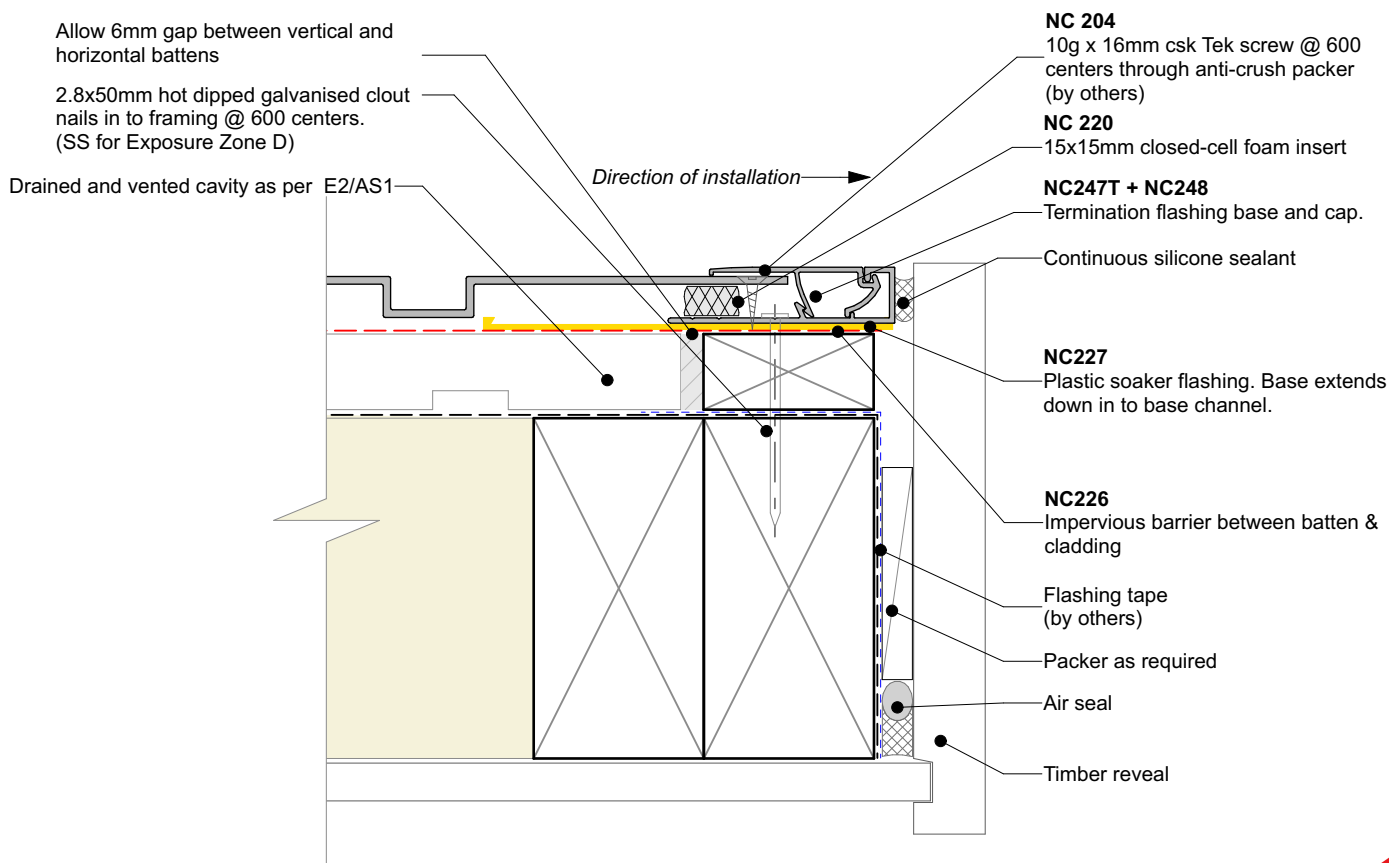
Date: 25/02/2025

Checked by: RL, GT

Scale: 1:2 @ A4



### GARAGE DOOR HEAD (Timber reveal)



### GARAGE DOOR JAMB (Timber reveal)



**nu-wall**  
CLADDING

Nu-Wall cladding vertical on cavity

Typical garage door head and jamb (Timber reveal)

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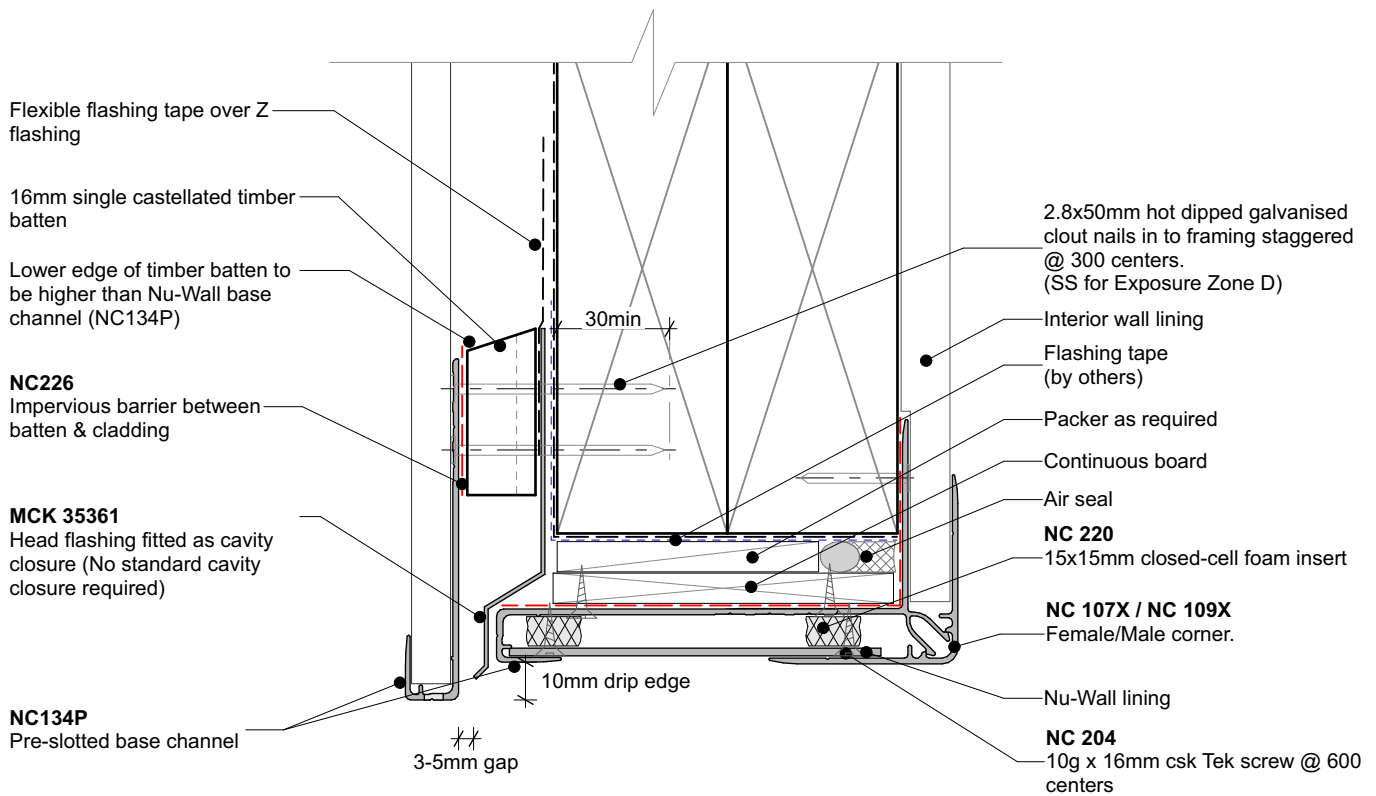
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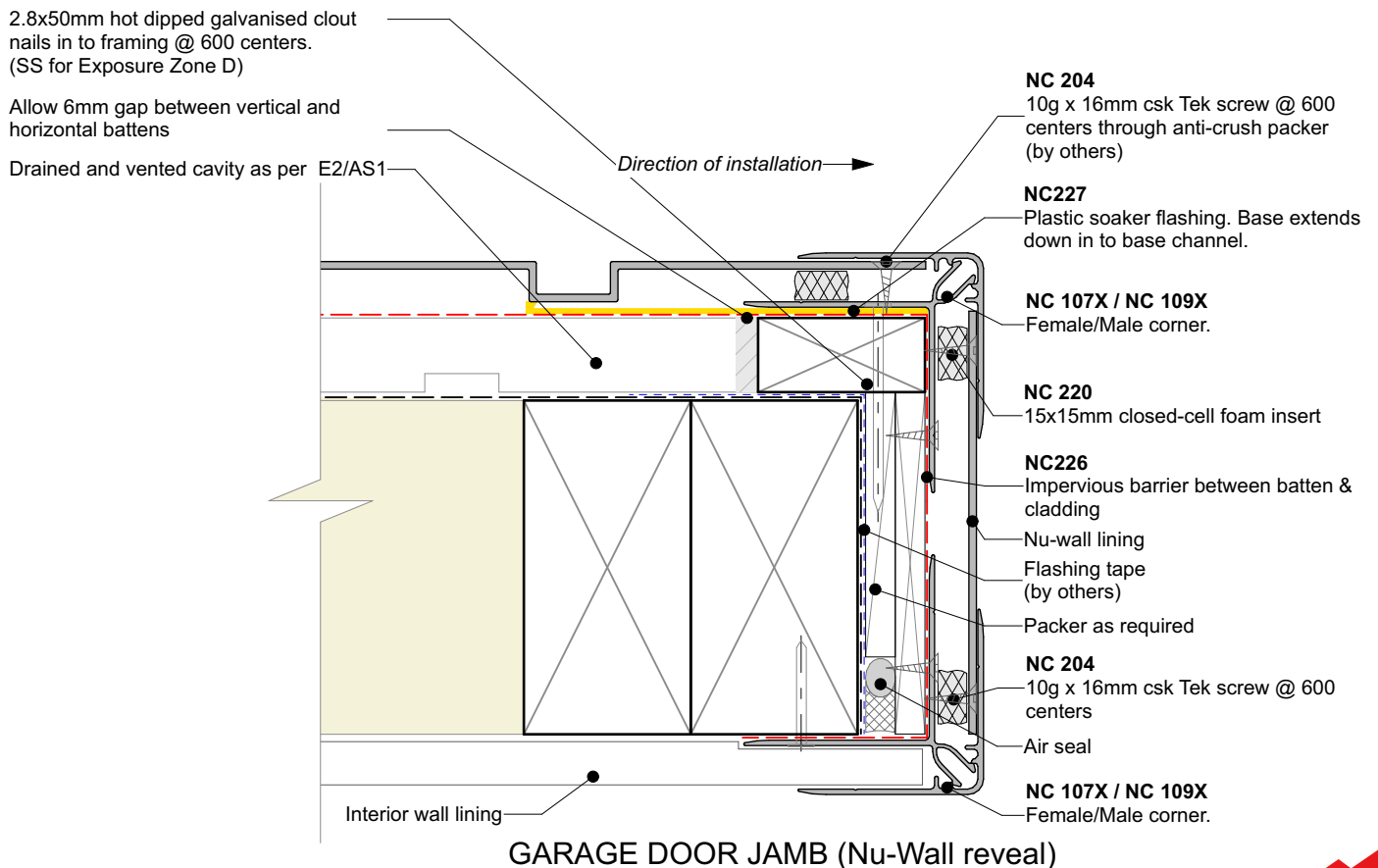
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**GARAGE DOOR HEAD (Nu-Wall reveal)**



**GARAGE DOOR JAMB (Nu-Wall reveal)**



**nu-wall**  
CLADDING

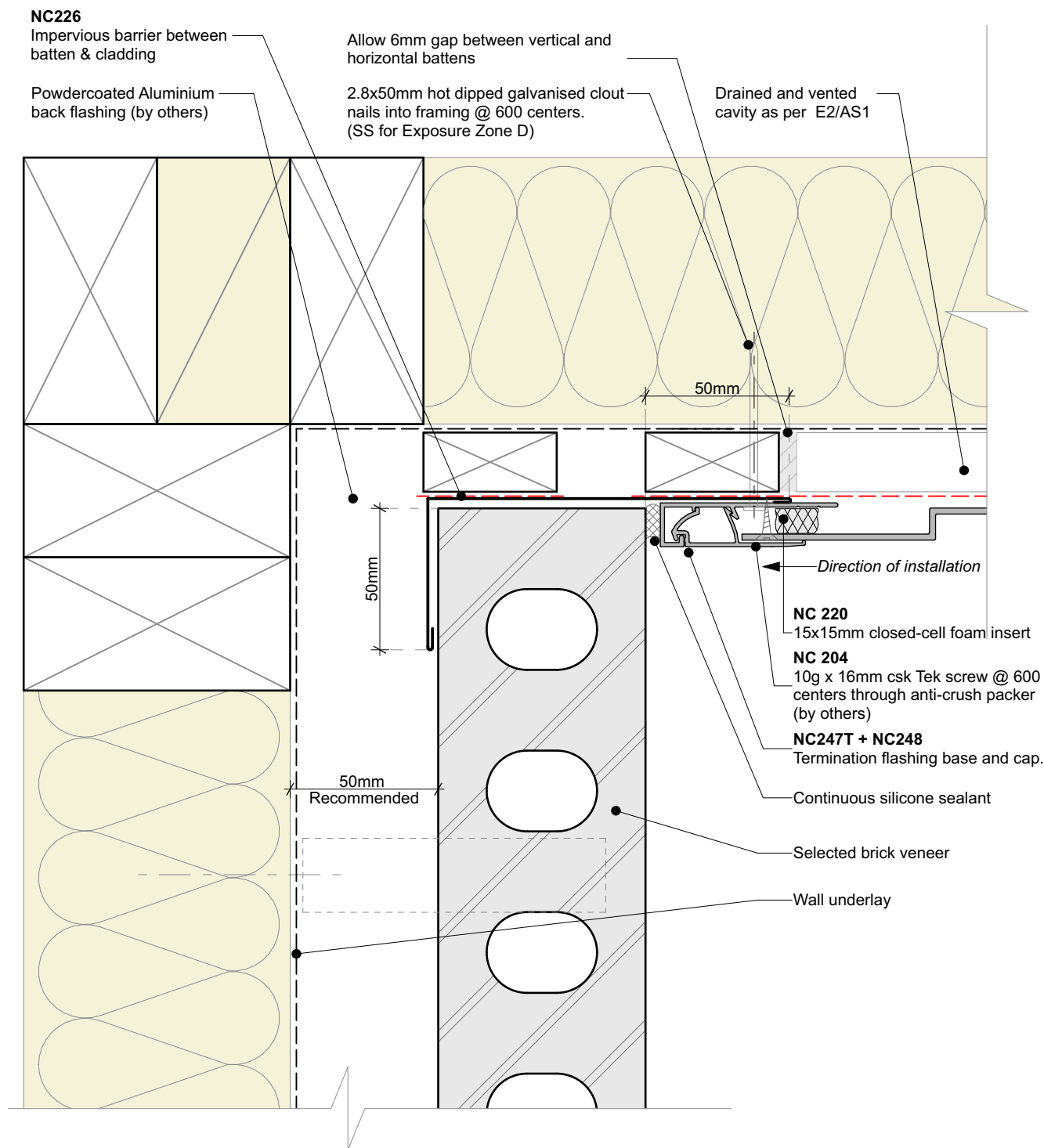
Nu-Wall cladding vertical on cavity  
Typical garage door head and jamb (Nu-Wall Reveal Profile)

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**NW-VOC-032b.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

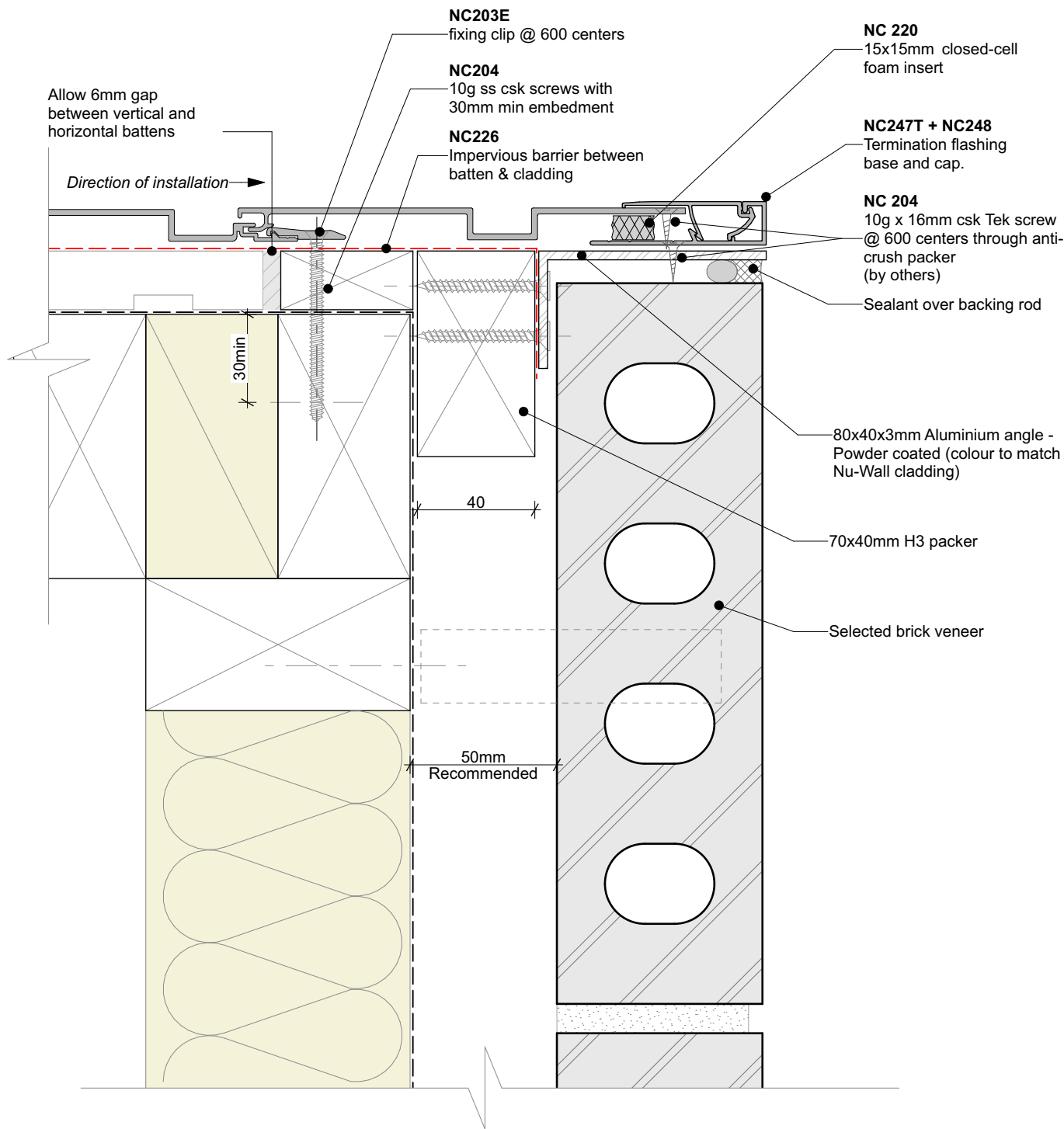
**Cavity batten note:**

- 20mm single castellated timber battens required for all Nu-Wall installations.
- Batten to have 15° slope for moisture egress
- Allow 6mm gap between vertical and horizontal battens
- Sill and head battens to be max. 500mm with a 6mm gap to each segment
- 18mm single castellated battens are available from Nu Wall for all vertical applications to wall junctions and jambs
- Proprietary Nu-Wall Alibat is available as an alternative when a structural non-combustable cavity batten is required



	Nu-Wall cladding vertical on cavity		NW-VOC-033.03	
	Typical Nu-Wall to brick internal corner		Drawn by: Nu-Wall	Date: 25/02/2025
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**General note:**

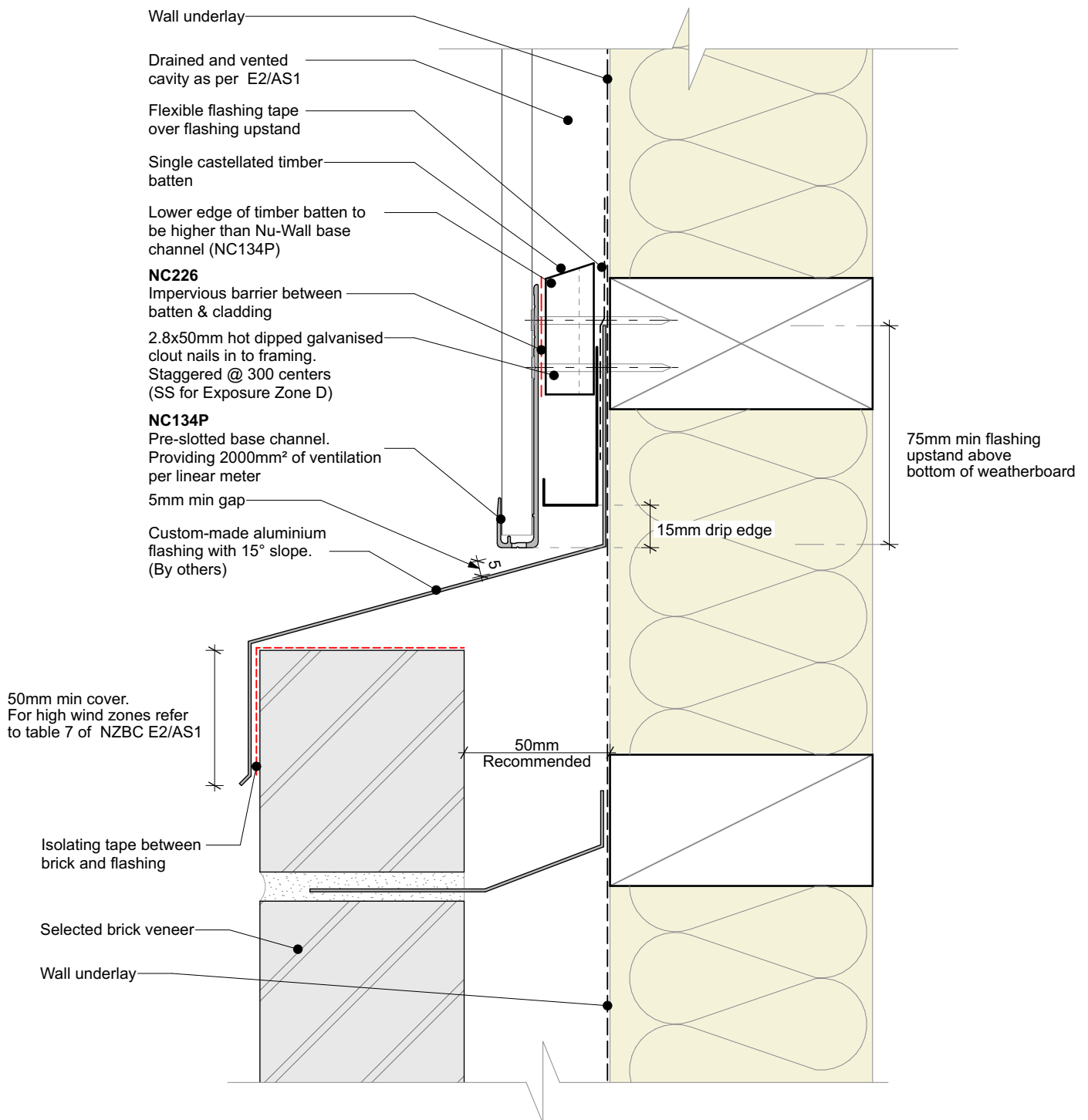
- Cladding fixings omitted for clarity
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	Nu-Wall cladding vertical on cavity		NW-VOC-034.03	
	Typical Nu-Wall to brick external corner		Drawn by: Nu-Wall	Date: 25/02/2025
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#### Cavity batten note:

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**nu-wall**  
CLADDING

## Nu-Wall cladding vertical on cavity Typical Nu-Wall to brick horizontal junction

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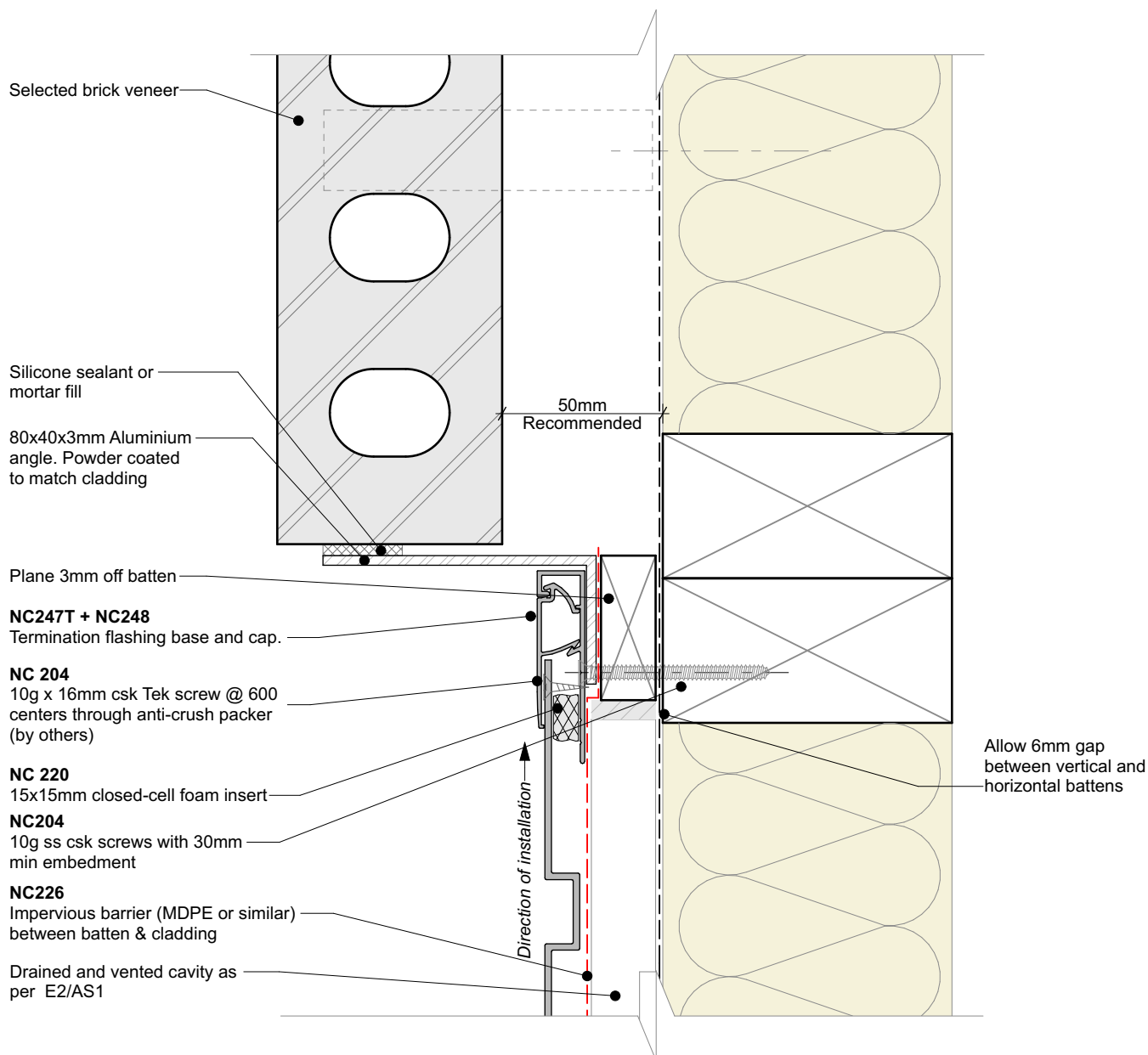
NW-VOC-035.02

Drawn by: Nu-Wall

Date: 25/02/2025

Checked by: RL, GT

Scale: 1:2 @ A4



**General note:**

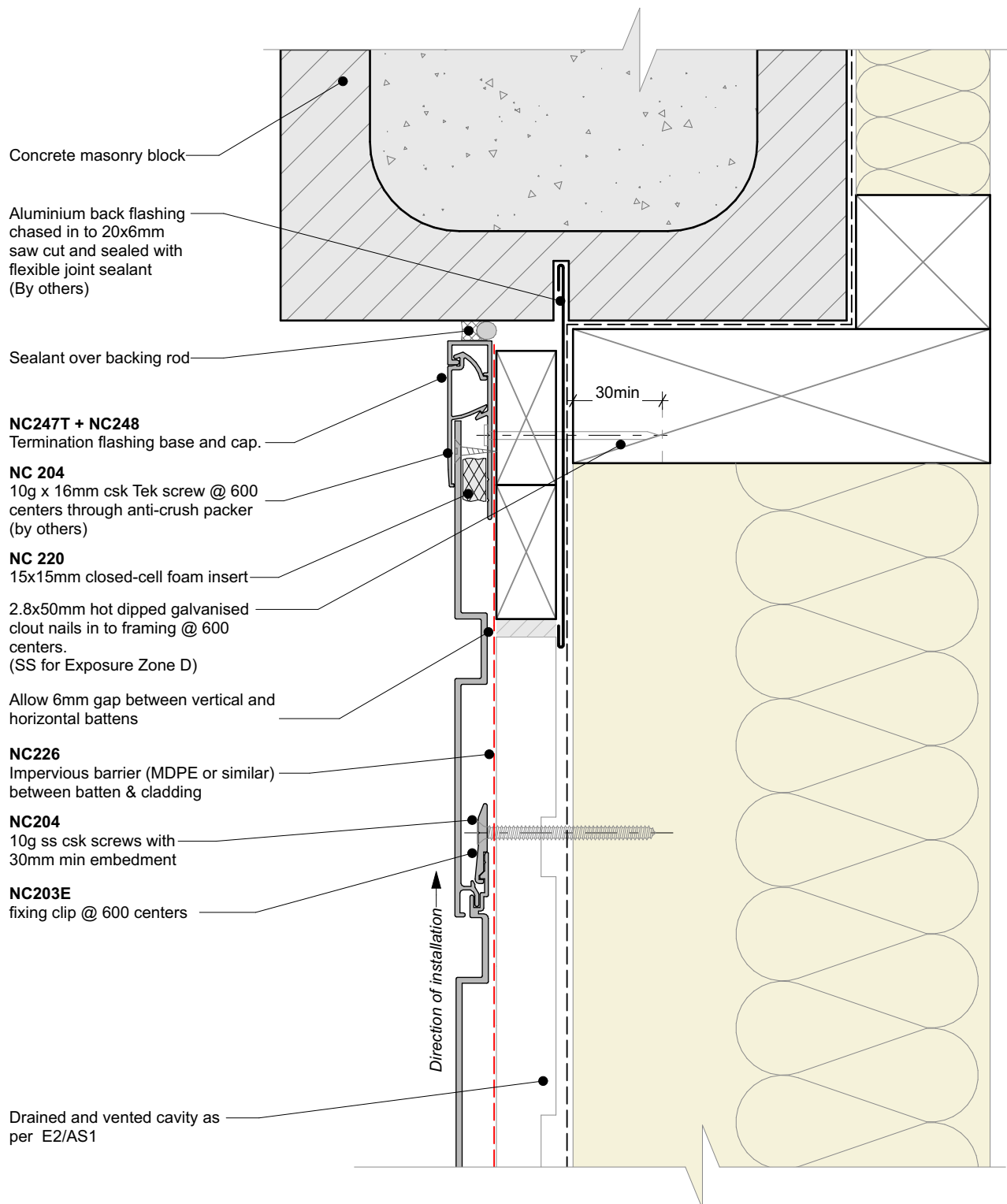
- Cladding fixings omitted for clarity
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	Nu-Wall cladding vertical on cavity		NW-VOC-036.03	
	Typical Nu-Wall to brick vertical junction		Drawn by: Nu-Wall	Date: 25/02/2025
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**General note:**

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Nu-Wall cladding vertical on cavity

Typical Nu-Wall to concrete masonry vertical junction

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NW-VOC-037.03

Drawn by: Nu-Wall

Date: 25/02/2025

Checked by: RL, GT

Scale: 1:2 @ A4

Custom folded 1.2mm aluminium flashing powder coated to match cladding and chased in to 15x6mm saw cut and sealed with flexible joint sealant (By others)

#### BF001

Alibat fixed to concrete masonry @ 600 centers max

#### NC247T + NC248

Termination flashing base and cap.

#### NC 204

10g x 16mm csk Tek screw @ 600 centers through anti-crush packer (by others)

#### NC 220

15x15mm closed-cell foam insert

Allow 6mm gap between vertical and horizontal battens

Concrete masonry block wall

Concrete masonry fasteners

Cut / ripped board

#### NC226

Impervious barrier (MDPE or similar) between batten & cladding

#### NC204

10g ss csk screws with 30mm min embedment

#### NC203E

fixing clip @ 600 centers

Drained and vented cavity as per E2/AS1

Crushed

Direction of installation

30min

#### General note:

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#### Cavity batten note:

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**nu-wall**  
CLADDING

Nu-Wall cladding vertical on cavity

Typical Nu-Wall to concrete masonry external corner

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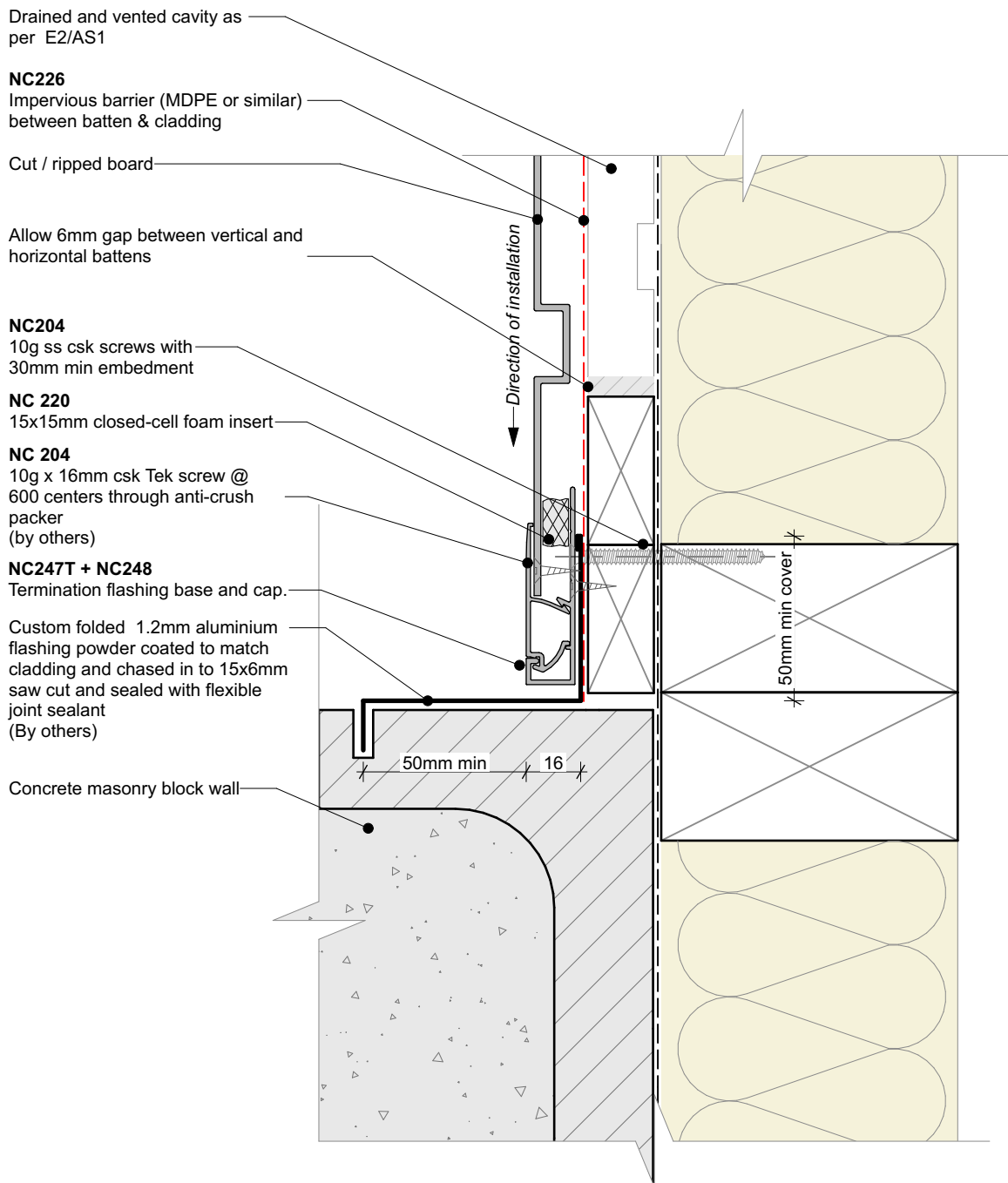
NW-VOC-038.03

Drawn by: Nu-Wall

Date: 25/02/2025

Checked by: RL, GT

Scale: 1:2 @ A4



**General note:**

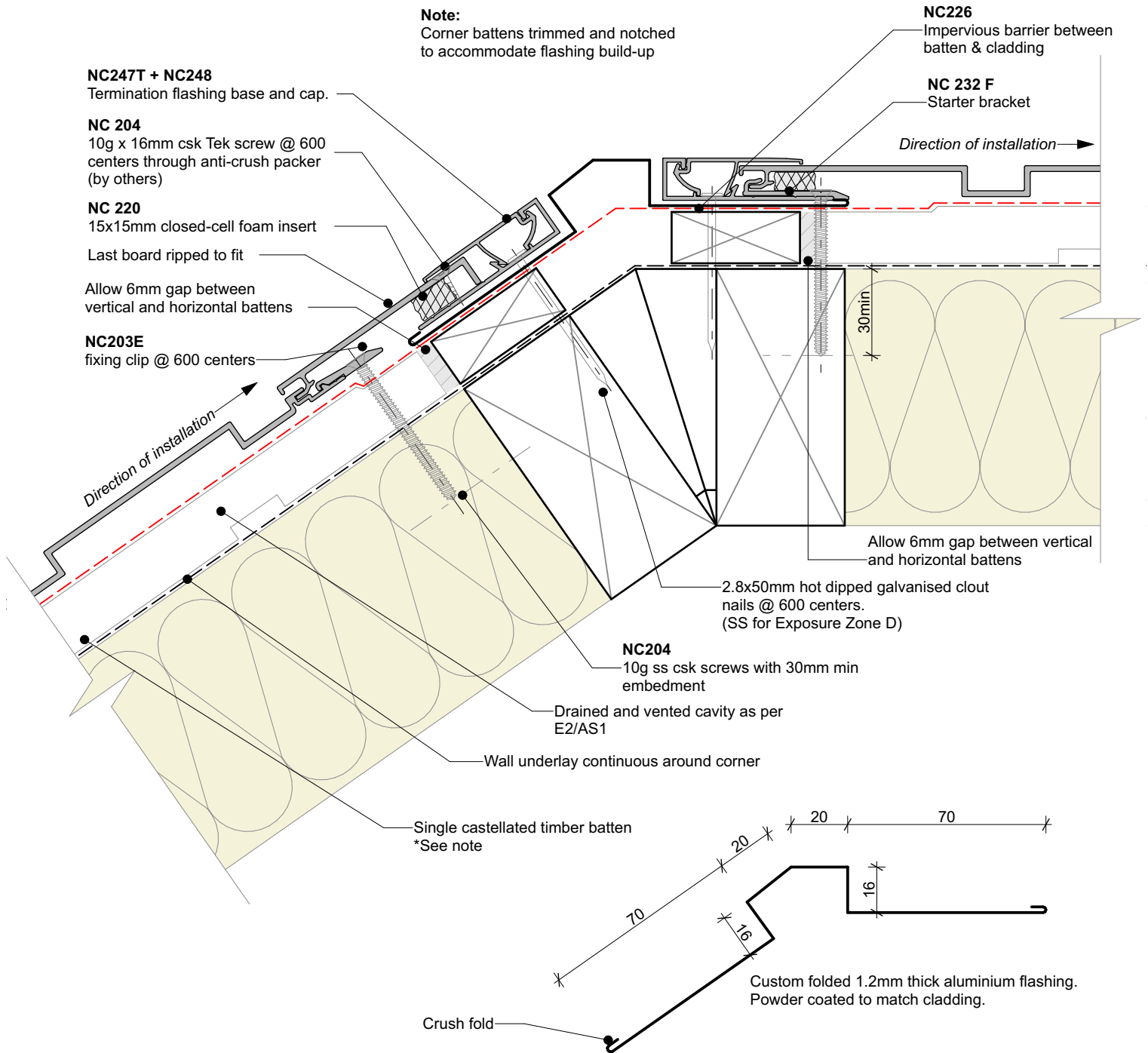
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	Nu-Wall cladding vertical on cavity		NW-VOC-039.03	
	Typical Nu-Wall to concrete masonry internal corner		Drawn by: Nu-Wall	Date: 25/02/2025
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**General note:**

- Cladding fixings omitted for clarity
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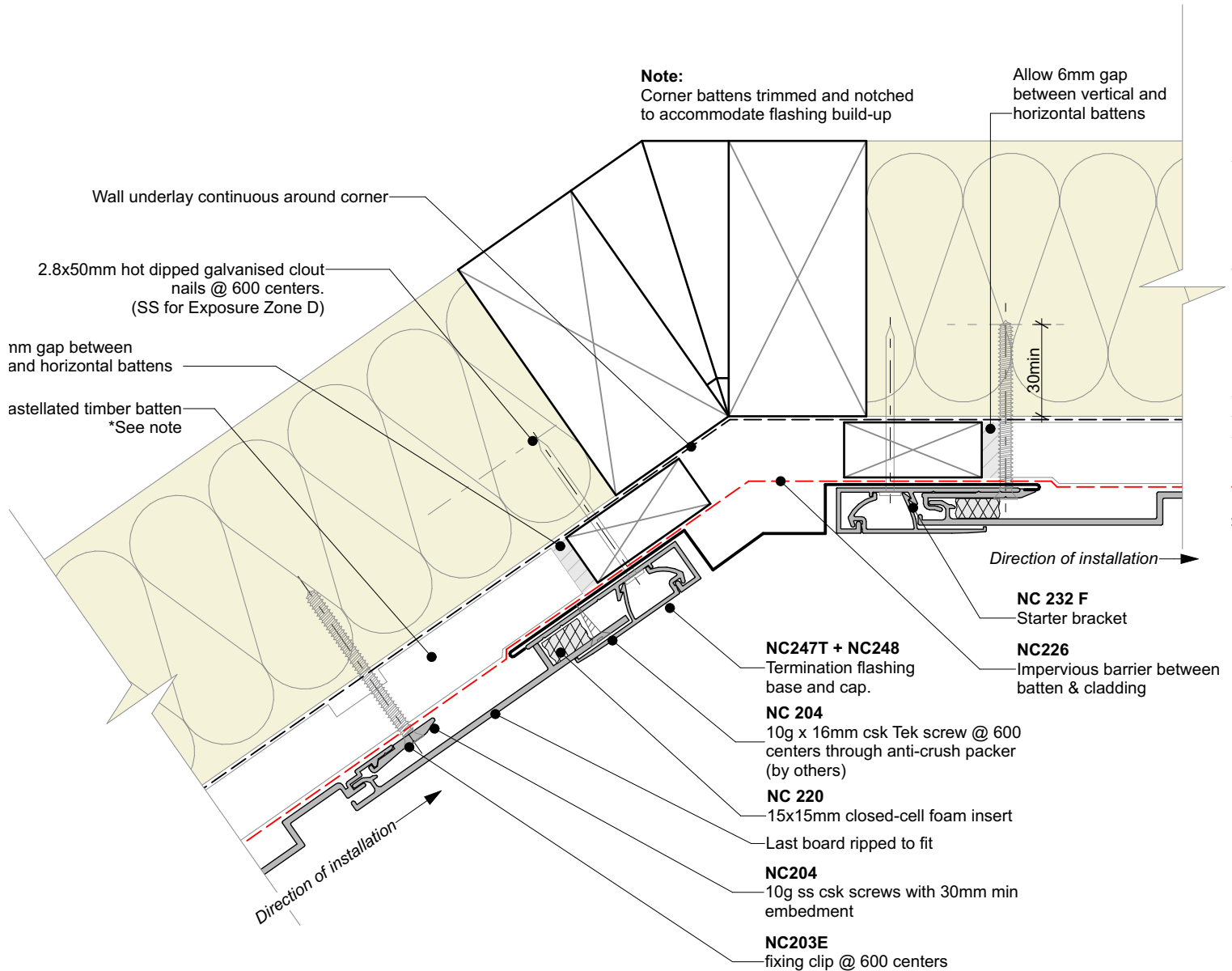
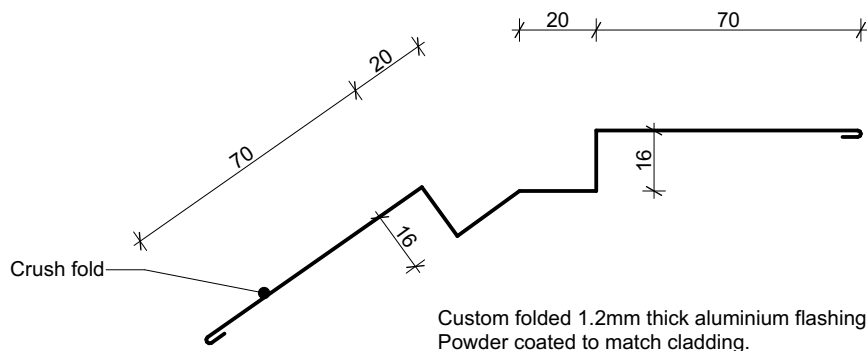
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	Nu-Wall cladding vertical on cavity		NW-VOC-040.03	
	Typical Nu-Wall irregular external corner flashing		Drawn by: Nu-Wall	Date: 25/02/2025
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**General note:**

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**nu-wall**  
CLADDING

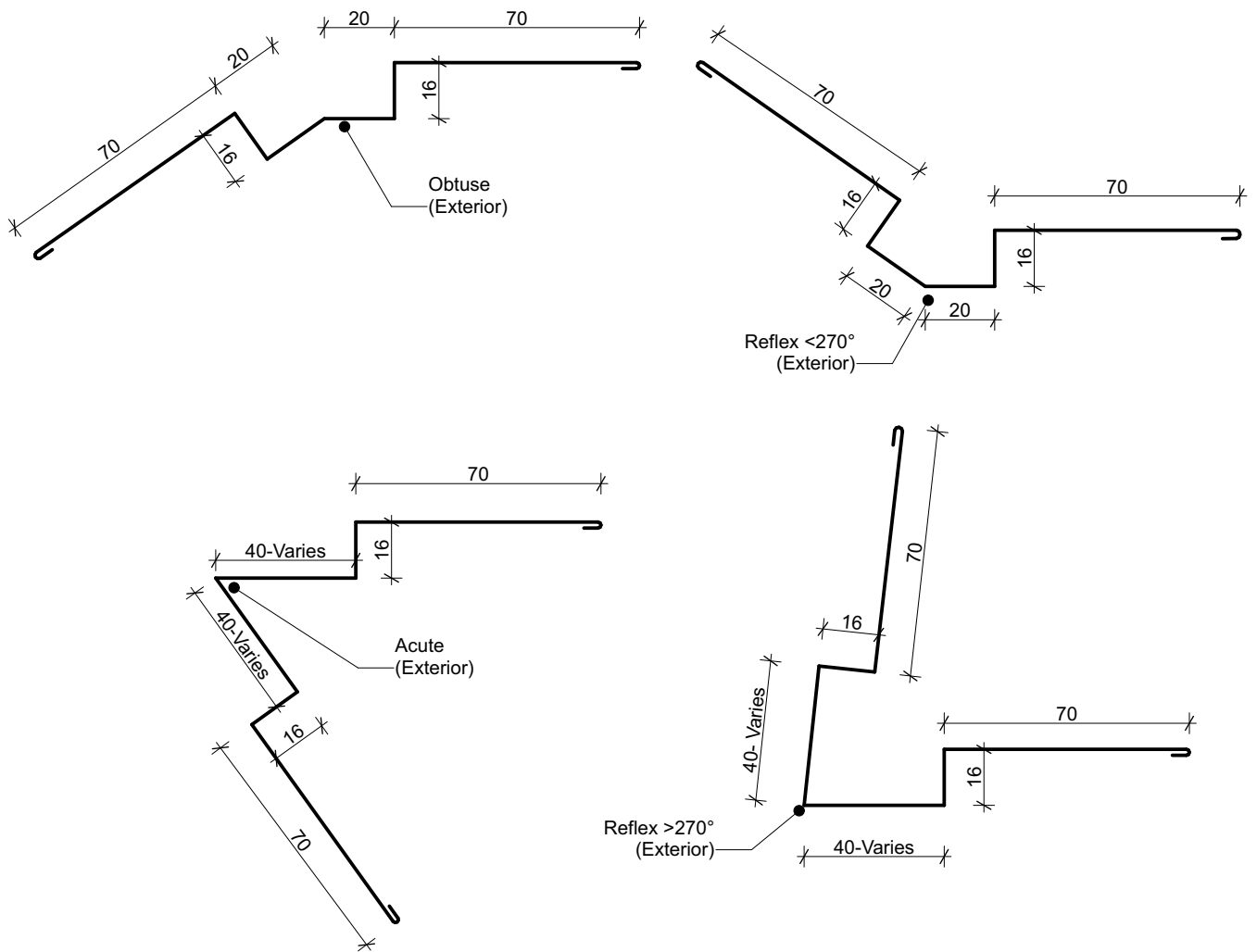
**Nu-Wall cladding vertical on cavity**  
**Typical Nu-Wall irregular internal corner flashing**

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**NW-VOC-041.03**

Drawn by: Nu-Wall	Date: 25/02/2025
Checked by: RL, GT	Scale: 1:2 @ A4





**General note:**

- All dimensions are suggested minimum
- Contact Nu-Wall for acute angles less than 45°



	Nu-Wall cladding vertical on cavity		NW-VOC-042.02	
	Typical NU-Wall irregular internal corner flashing profiles		Drawn by: Nu-Wall	Date: 25/02/2025
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**NC204**

10g ss csk screws with 30mm min embedment

H3.2 vertical timber batten

\*See note

15mm profiled closed cell foam insert end caps to suit profile of cladding

**NC249**

Top hat section along vertical join

**NC250**

Square termination flashing.

**NC 204**

10g x 16mm csk Tek screw @ 600 centers through anti-crush packer (by others)

**NC 220**

15x15mm closed-cell foam insert

**NC204**

10g ss csk screws with 30mm min embedment

**NC226**

Impervious barrier (MDPE or similar) between batten & cladding

Drained and vented cavity as per E2/AS1

Direction of installation

Allow 6mm gap between vertical and horizontal battens

**Cavity batten note:**

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**nu-wall**  
CLADDING

Nu-Wall cladding vertical on cavity

Vertical Join - Mixed cladding

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NW-VOC-043.02

Drawn by: Nu-Wall

Date: 25/02/2025

Checked by: RL, GT

Scale: 1:2 @ A4

**NC204**

10g ss csk screws with 30mm min embedment

H3.2 vertical timber batten

\*See note

Rigid Air Barrier

15mm profiled closed cell foam insert end caps to suit profile of cladding

**NC105X + NC103**

Extended jointer cap over Jointer base

Allow 6mm gap between vertical and horizontal battens

**NC250**

Square termination flashing.

**NC 204**

10g x 16mm csk Tek screw @ 600 centers through anti-crush packer (by others)

**NC 220**

15x15mm closed-cell foam insert

**NC204**

10g ss csk screws with 30mm min embedment

**NC226**

Impervious barrier (MDPE or similar) between batten & cladding

Drained and vented cavity as per E2/AS1

Direction of installation

**Cavity batten note:**

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**nu-wall**  
CLADDING

Nu-Wall cladding vertical on cavity

Vertical Join - Mixed cladding NC105X-NC103

NW-VOC-043b.02

Drawn by: Nu-Wall

Date: 25/02/2025

Checked by: RL, GT

Scale: 1:2 @ A4