



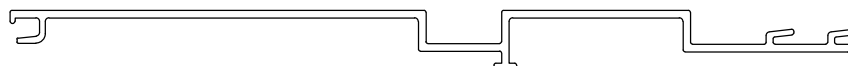
# ARCHIMAX

## ALUMINIUM CLADDING SYSTEM

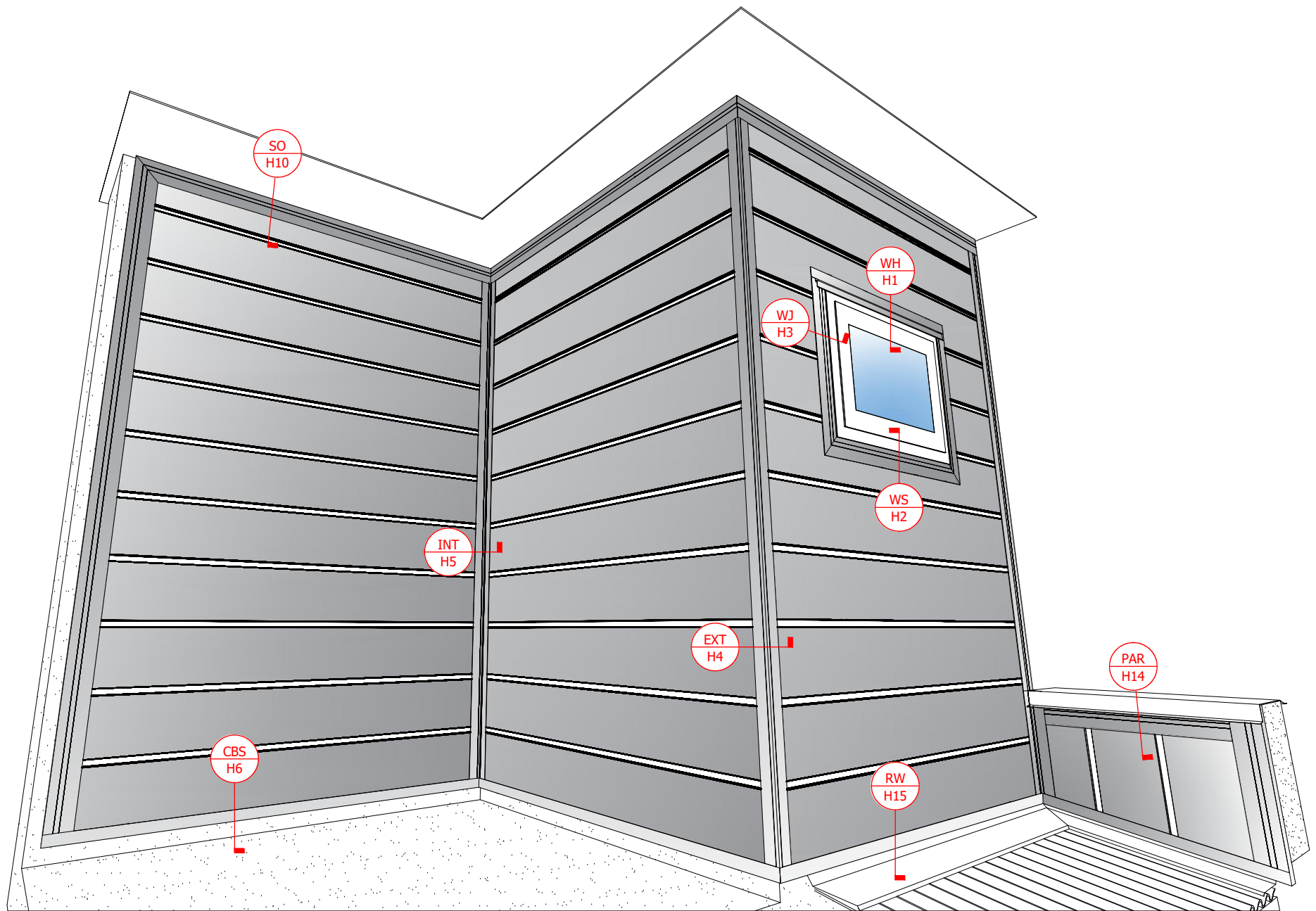
*Creating more durable building envelopes*

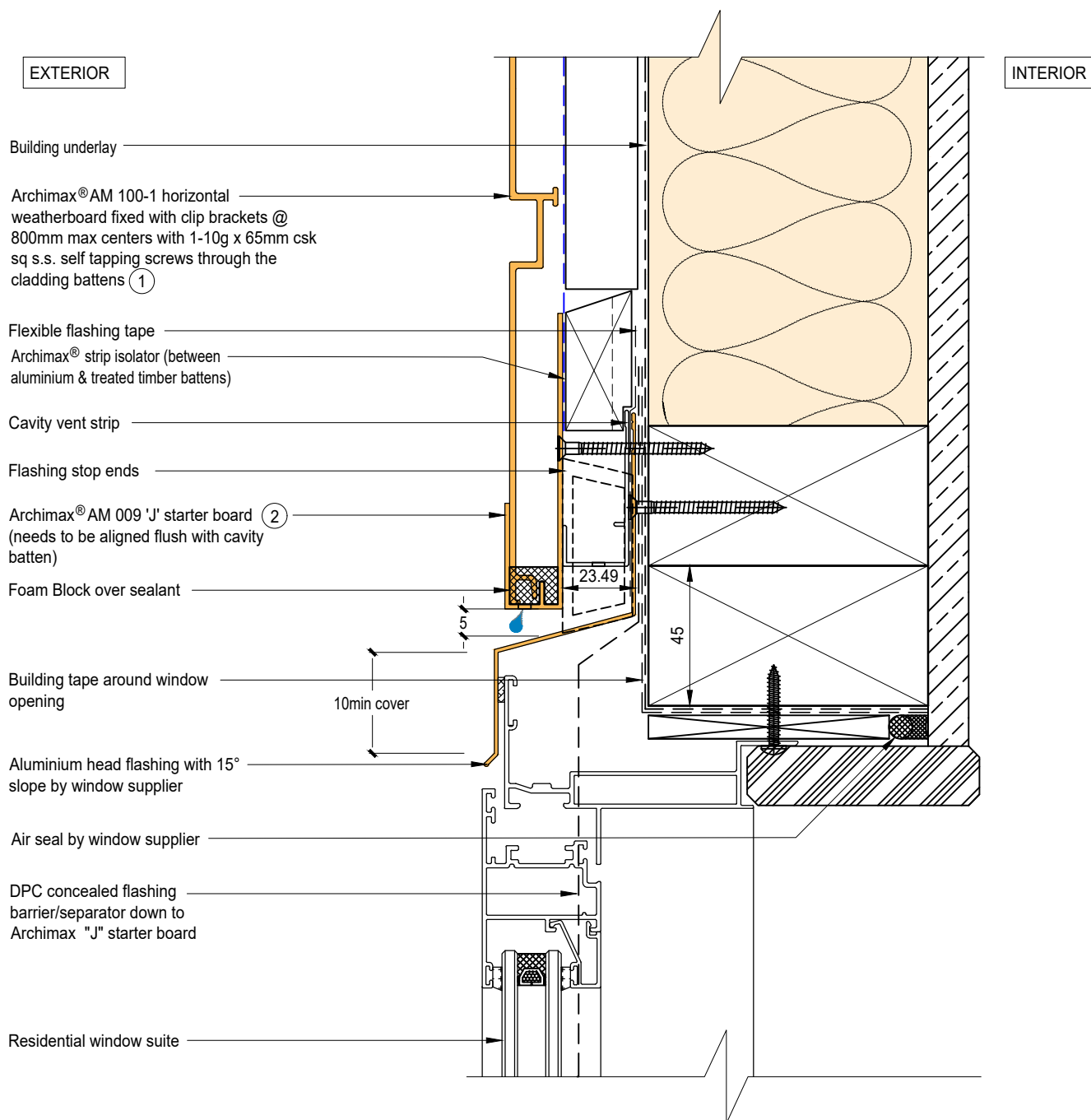
### Archimax® Aluminium Cladding System AM100-1 Horizontal Profile – Installation details

Drawing No.	Rev.	Description
AM-WH-H1	E	Archimax® Window Head Detail
AM-WS-H2	E	Archimax® Window Sill Detail
AM-WJ-H3	E	Archimax® Window Jamb Detail
AM-EXT-H4	E	Archimax® External Corner Detail
AM-INT-H5	E	Archimax® Internal Corner Detail
AM-CBS-H6.1	E	Archimax® Concrete Floor Board Starter Detail - Timber
AM-CBS-H6.2	E	Archimax® Concrete Floor Board Starter Detail - Fire Wall
AM-HJ-H7	E	Archimax® Horizontal Joint Detail
AM-DJ-H8	E	Archimax® Deck Junction Detail
AM-PP-H9a	E	Archimax® Pipe Penetration - Plan View Detail
AM-PP-H9b	E	Archimax® Pipe Penetration - Section View Detail
AM-SO-H10	E	Archimax® Soffit Detail
AM-SO-H11.1	E	Archimax® Facia, Soffit & Wall Detail
AM-SO-H11.2	E	Archimax® Facia, Soffit & Wall (90° Soffit / Wall ) Detail
AM-SO-H11.3	E	Archimax® Fascia, Board Soffit & Wall Detail
AM-NSO-H12	E	Archimax® Non - Soffit Detail
AM-BJ-H13	E	Archimax® Internal Corner Junction Detail
AM-PAR-H14	E	Archimax® Parapet with Cavity Detail
AM-RW-H15	E	Archimax® Lower Roof Wall Junction Detail
AM-MB-H16	E	Archimax® Meter Box Head Detail
AM-MB-H17	E	Archimax® Meter Box Sill Detail
AM-MB-H18	E	Archimax® Meter Box Jamb Detail
AM-VJ-H19	E	Archimax® Vertical Joint Detail



**AM100-1**  
coverage: 200mm

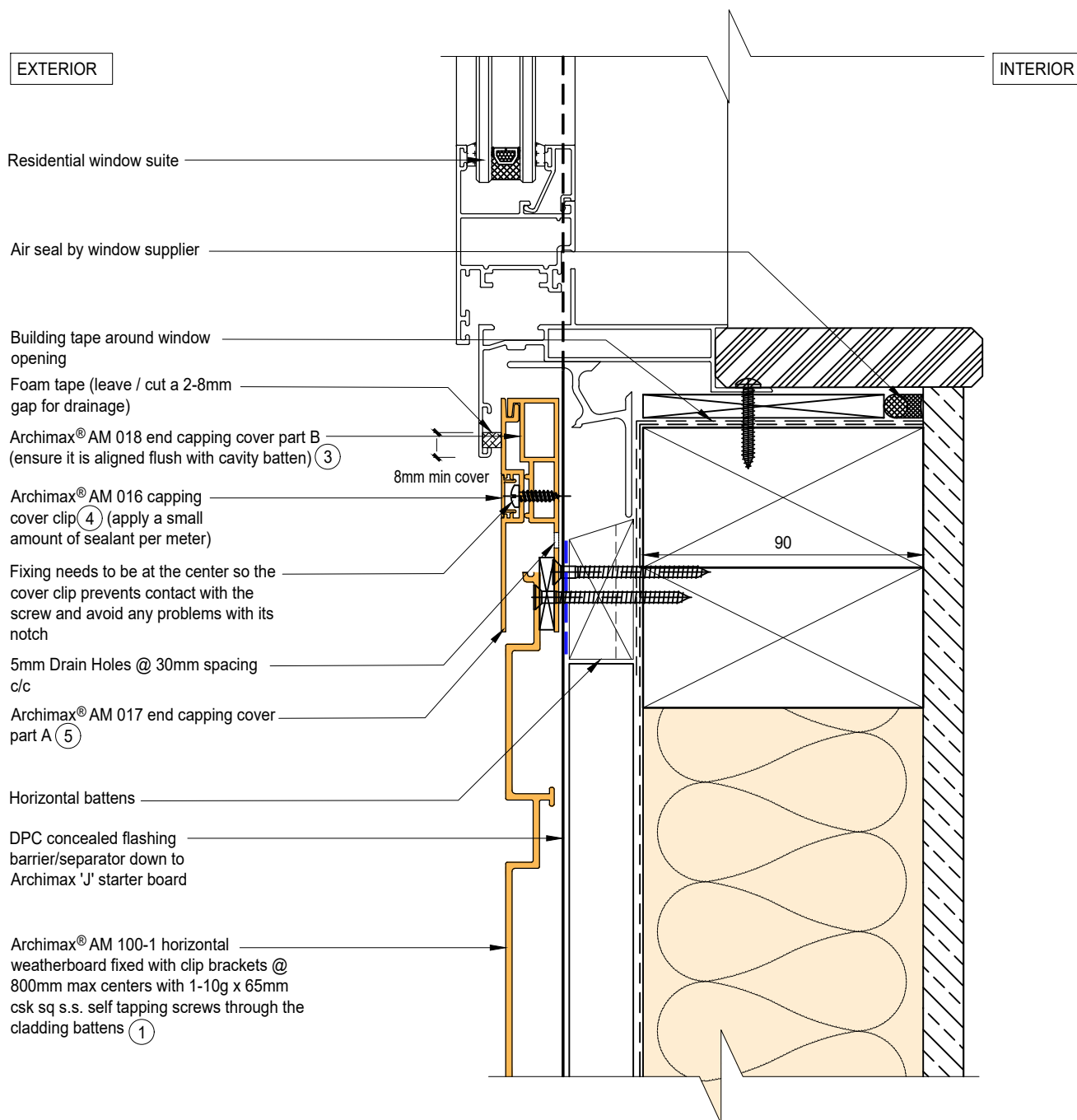




**NOTE:**

1. Stop ends to be installed at flashing ends.
2. Minimum Clearance between the AIR BARRIER and WINDOW JOINERY to be 45mm. Window Joinery should not be permanently fixed until cladding installed.
3. Sealant on each ends of the "J" starter board to prevent water going into cavity.
4. Timber Cavity Batten at 800mm max spacing.
5. Secure the AM029 clip with 1 screw for standard use, or 2 screws for added support





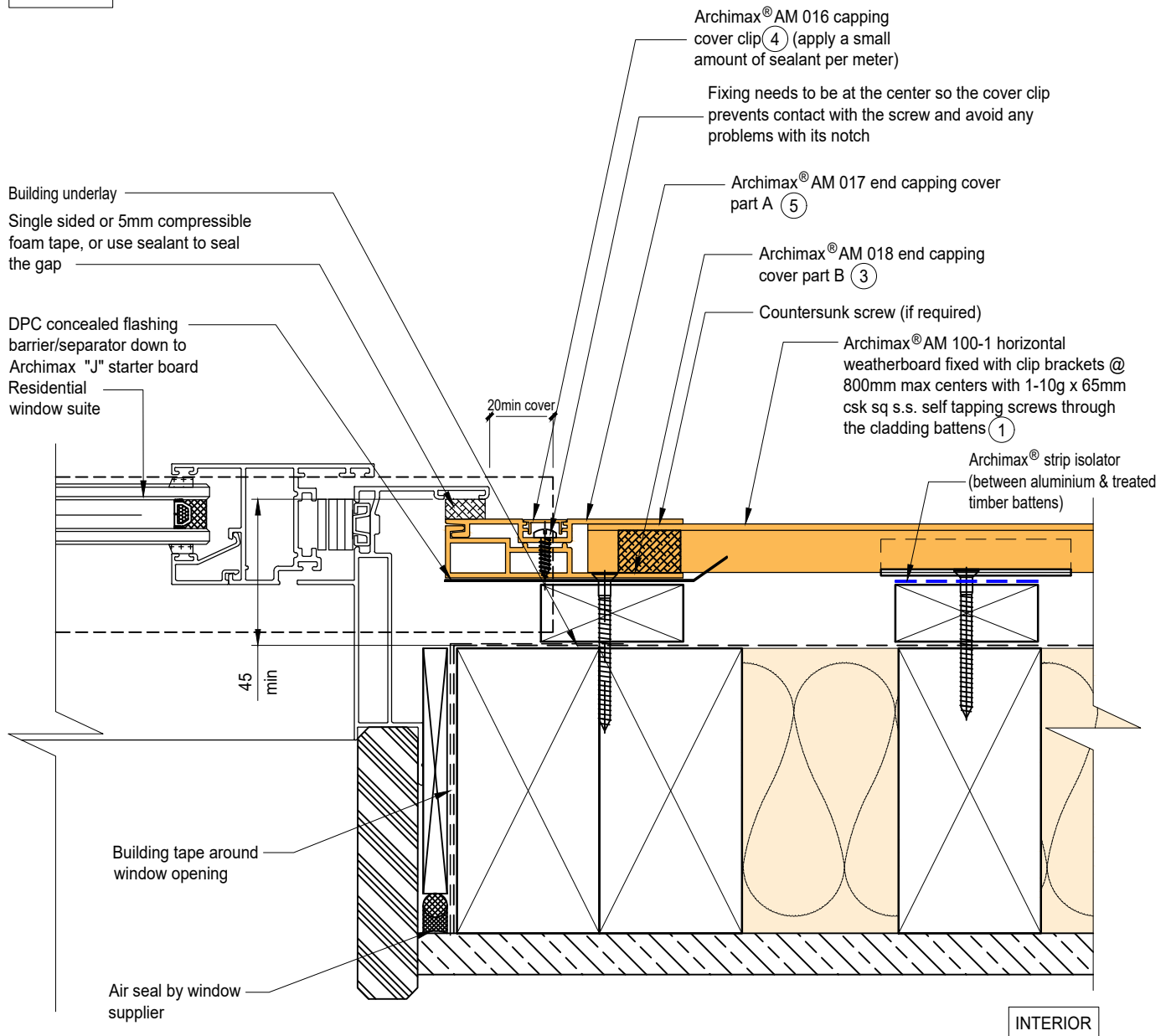
#### NOTE:

1. Minimum Clearance between the AIR BARRIER and WINDOW JOINERY to be 45mm. Window Joinery should not be permanently fixed until cladding installed.
2. Apply a small amount of sealant to every meter of the AM016 cover clip. Report to Archimax if AM016 cover clips are loose or tight. Do not force to install.
3. Timber Cavity Batten at 800mm max spacing.
4. Secure the AM029 clip with 1 screw for standard use, or 2 screws for added support





EXTERIOR

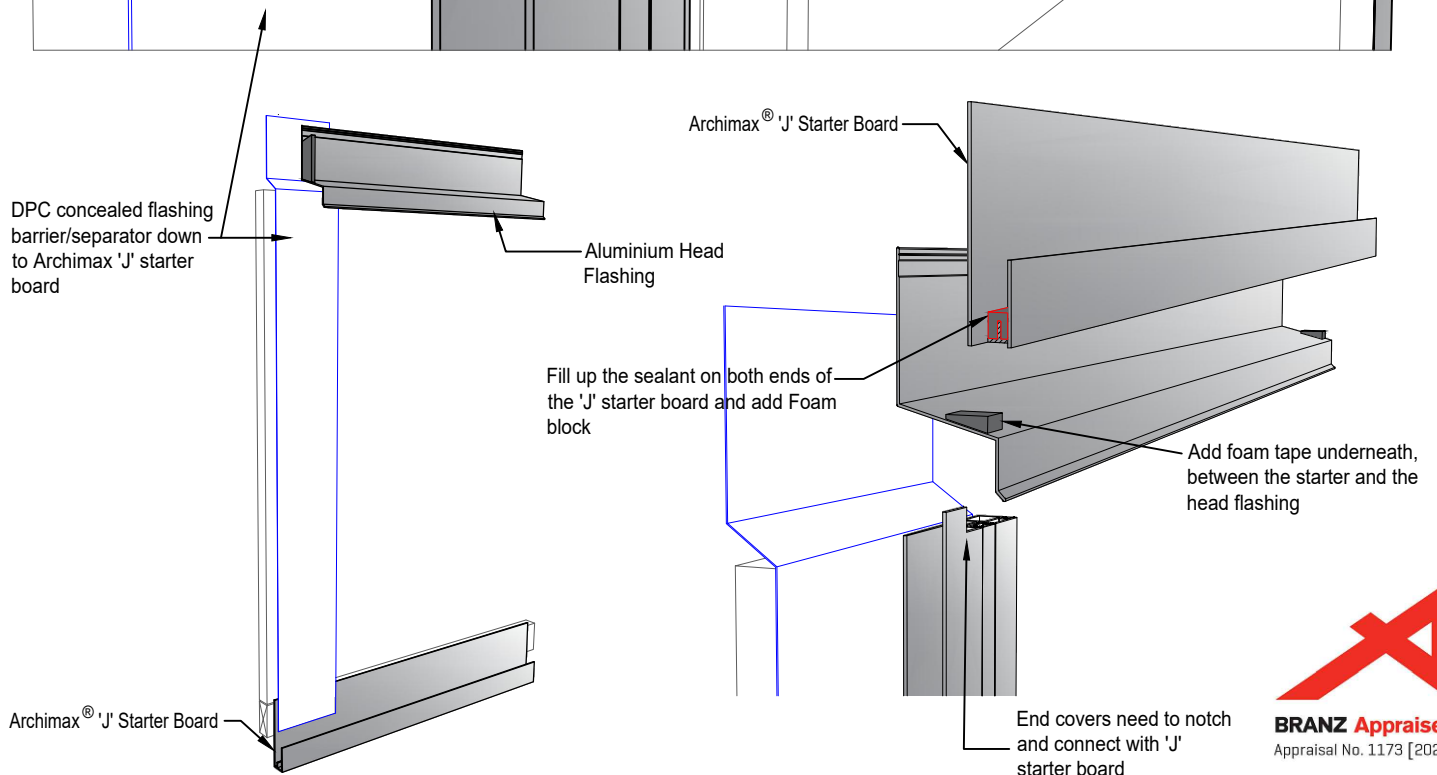
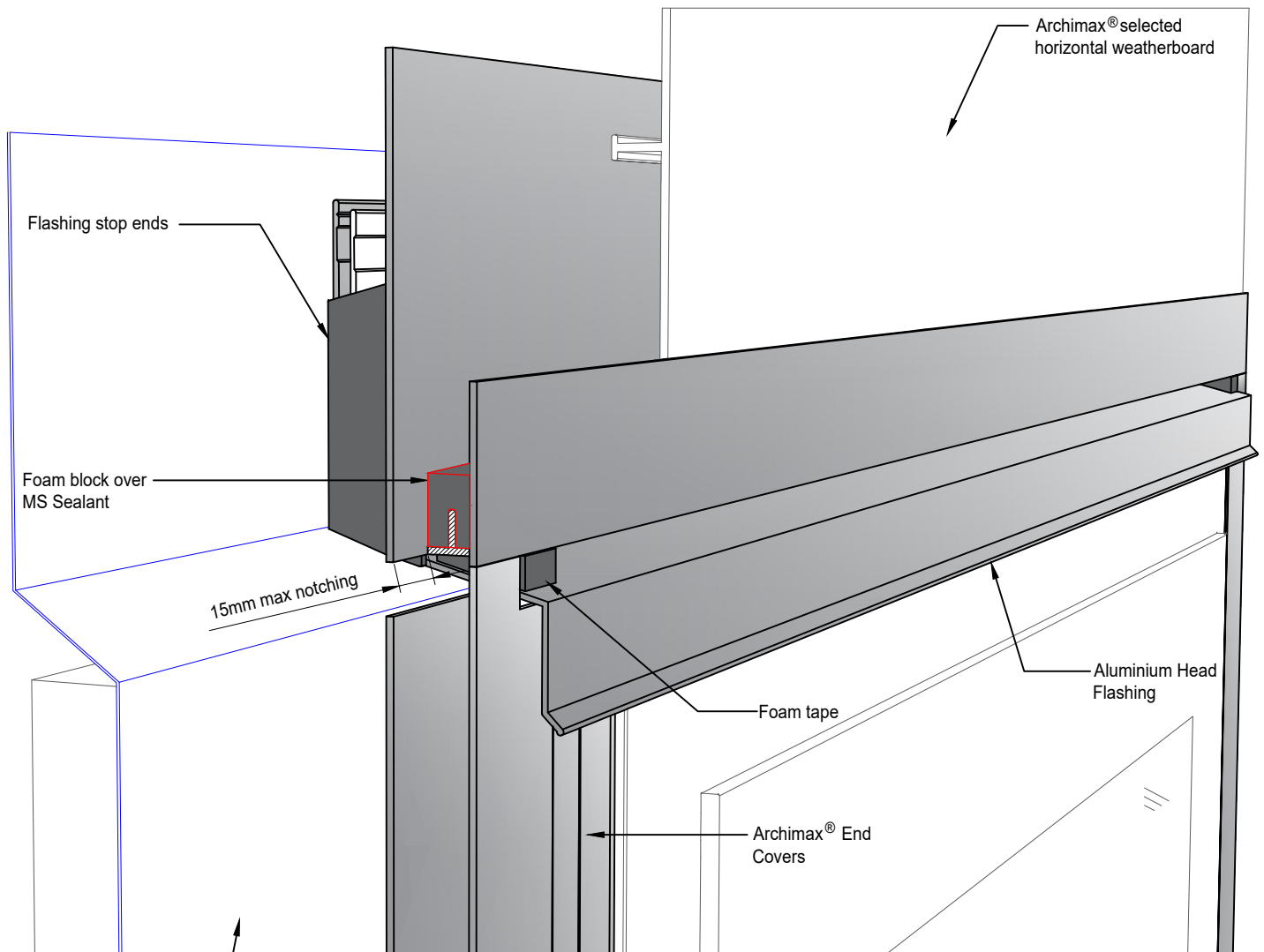


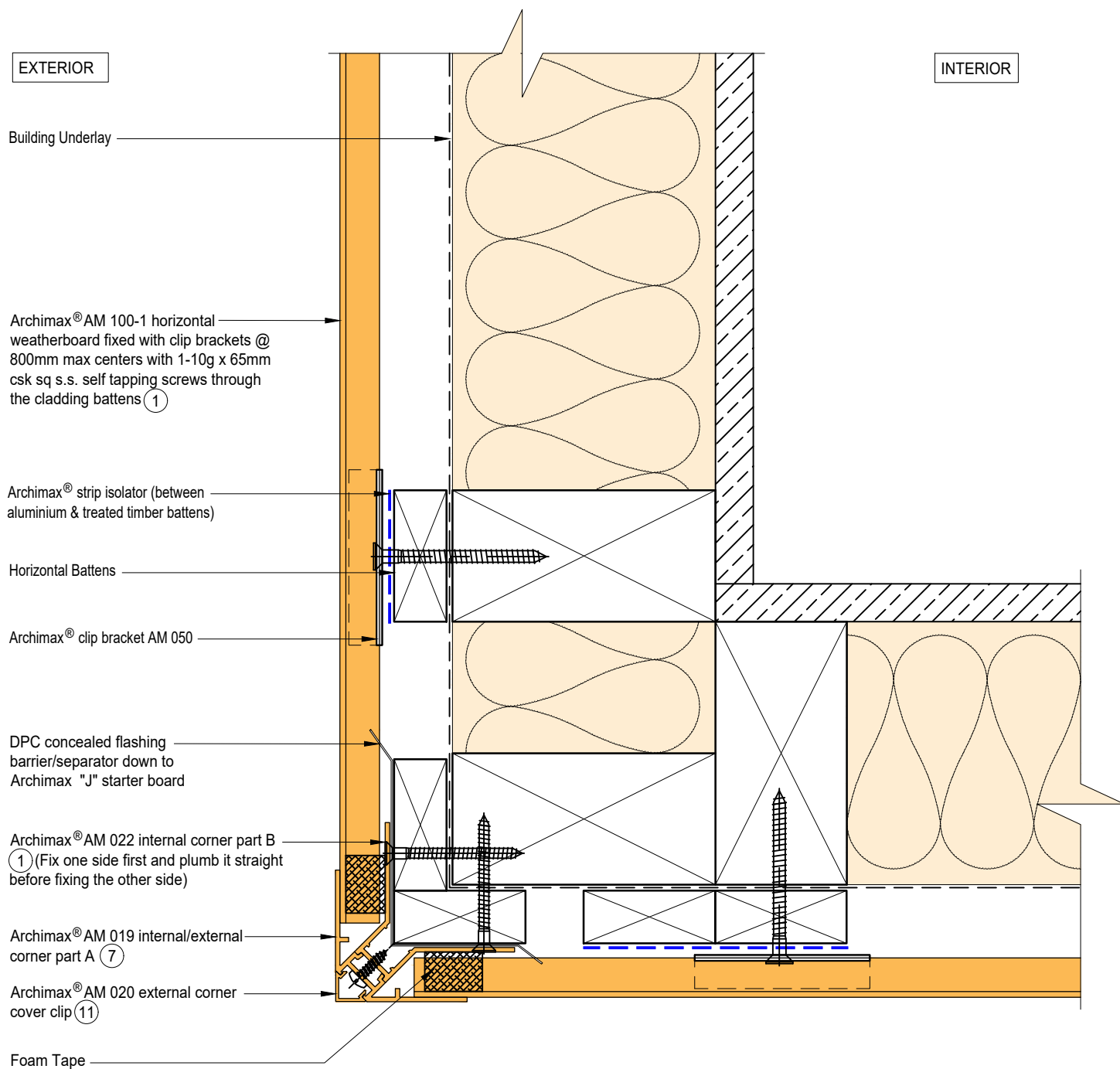
INTERIOR

NOTE:

1. Minimum Clearance between the AIR BARRIER and WINDOW JOINERY to be 45mm. Window Joinery should not be permanently fixed until cladding installed.
2. Ideally, use 5mm compressible foam tape, or use sealant to seal the gap between window frame and Archimax cladding depending on the site situation.
3. Apply a small amount of sealant to every meter of the AM016 cover clip. Report to Archimax if AM016 cover clips are loose or tight. Do not force to install.






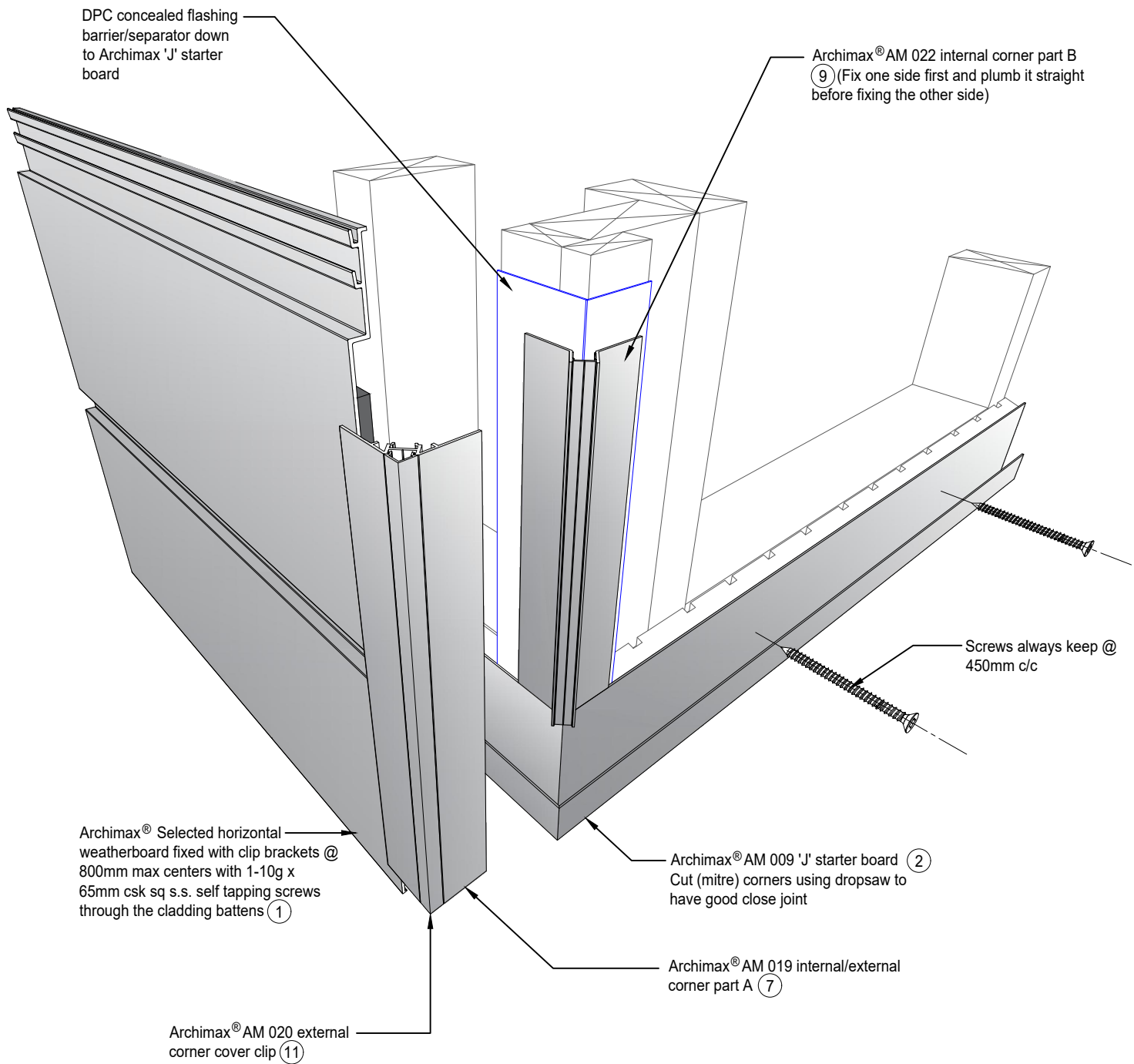


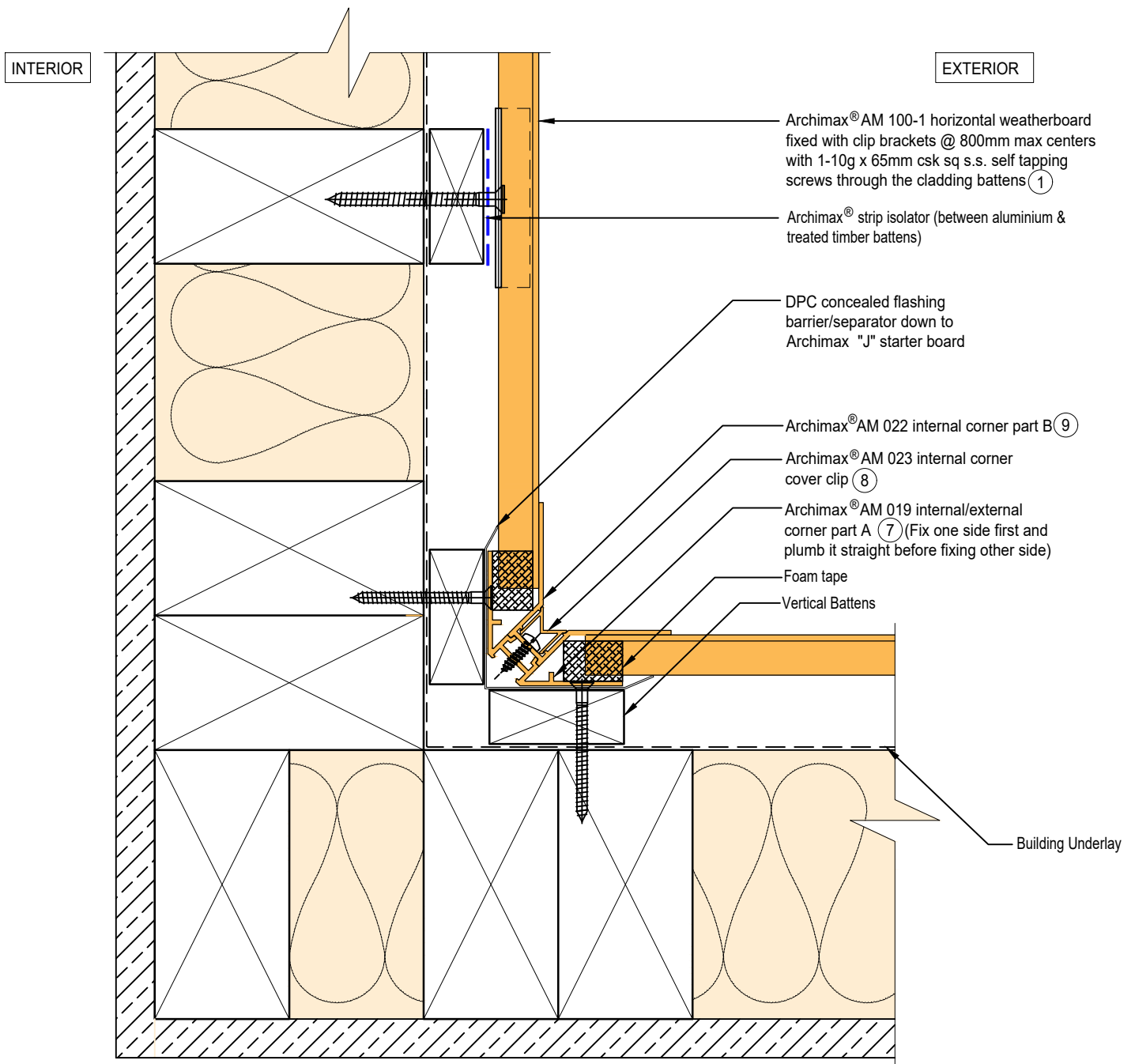
**NOTE:**

1. Fix the External Corner part B on one side first and plumb it straight before fixing the other side to avoid twisting.



 <b>ARCHIMAX</b> ALUMINIUM CLADDING SYSTEM <i>Creating more durable building envelopes</i> <a href="http://www.archimax.co.nz">www.archimax.co.nz</a>	System AM 100-1 - HORIZONTAL WEATHERBOARD	Detail ARCHIMAX® EXTERNAL CORNER DETAIL	Drawing No. Rev. AM-EXT-H4 E	
	This drawing is the copyright of Archimax Limited. Modification of details for job specification requirements must be approved by Archimax Ltd. The building designer is ultimately responsible to ensure all building work is designed and constructed according to building code requirements, best code of practice industry guidelines. All components must be supplied by Archimax. Archimax reserves the right to alter or upgrade details at any time without prior notice.		Scale 1:2	Date NOV24

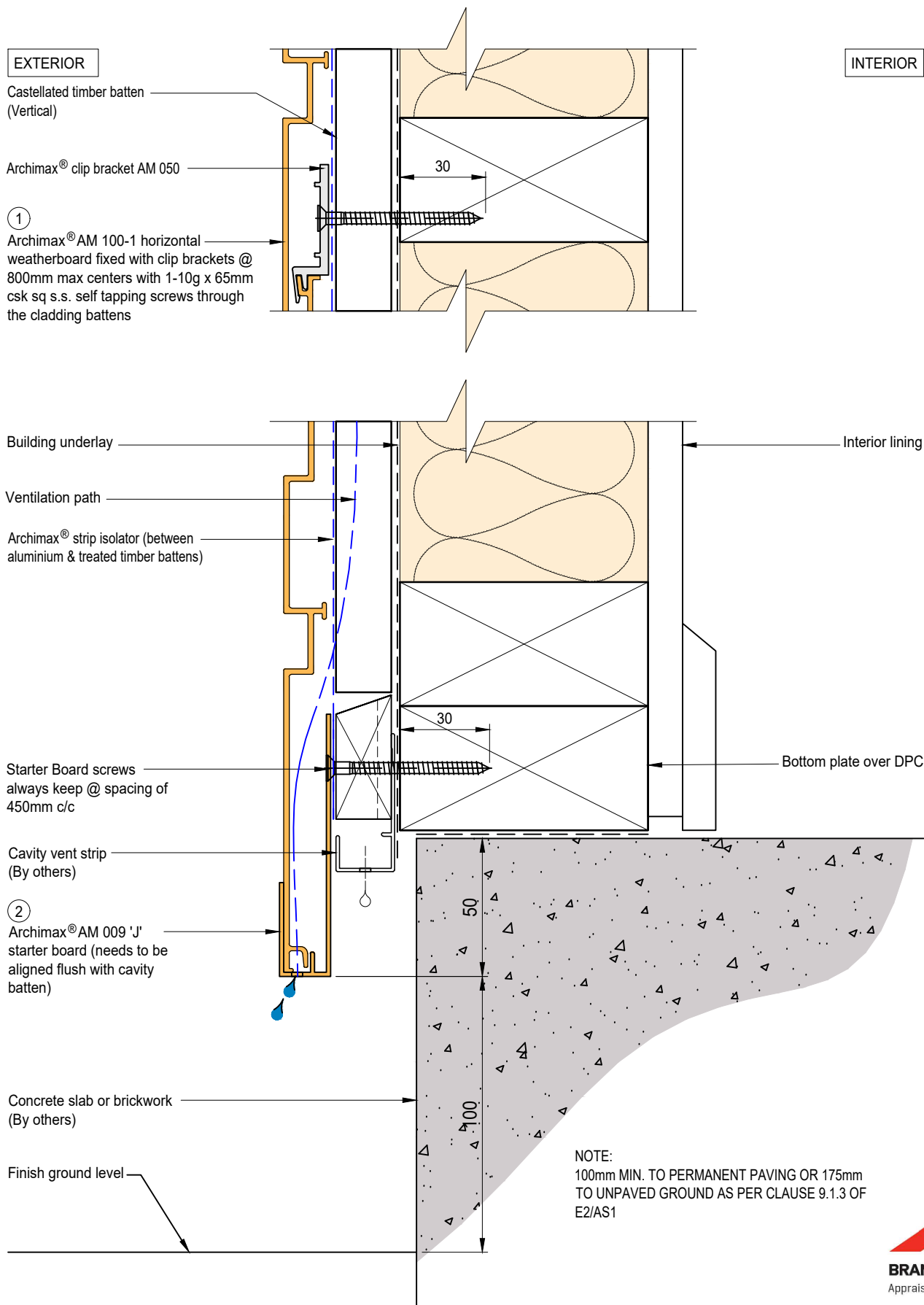




NOTE:

1. Fix the AM 019 internal/external corner part A on one side first and plumb it straight before fixing the other side to avoid twisting.





EXTERIOR

INTERIOR

Archimax® Aluminium Batten  
AMB 01 (vertical)

Archimax® clip bracket AM 050

Rigid air barrier  
(FRR)

Ventilation path

①  
Archimax® AM 100-1 horizontal  
weatherboard fixed with clip brackets @  
800mm max centers with 1-10g x 65mm  
csk sq s.s. self tapping screws through  
the cladding battens

Starter Board screws  
always keep @ spacing of  
450mm c/c

Cavity vent strip  
(By others)

②  
Archimax® AM 009 'J'  
starter board (needs to be  
aligned flush with  
aluminium batten)

Concrete slab or brickwork  
(By others)

Finish ground level

Interior lining

Bottom plate over DPC

NOTE:  
100mm MIN. TO PERMANENT PAVING OR 175mm  
TO UNPAVED GROUND AS PER CLAUSE 9.1.3 OF  
E2/AS1



EXTERIOR

INTERIOR

Building underlay

Archimax® AM 100-1 horizontal weatherboard fixed with clip brackets @ 800mm max centers with 1-10g x 65mm csk sq s.s. self tapping screws through the cladding battens ①

Flexible flashing tape

Archimax® strip isolator (between aluminium & treated timber battens)

Cavity vent strip

Archimax® AM 009 'J' starter board ② (needs to be aligned flush with cavity batten)

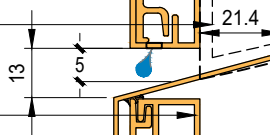
Inter-Storey flashing stop ends

Archimax® AM 018 end capping cover part B (ensure it is aligned flush with cavity batten) ③

Archimax® AM 016 capping cover clip ④ (apply a small amount of sealant per meter)

Archimax® AM 017 end capping cover part A ⑤

5mm Drain Holes @ 30mm spacing c/c



NOTE:  
STOP ENDS TO BE INSTALLED AT INTER-STOREY FLASHING ENDS



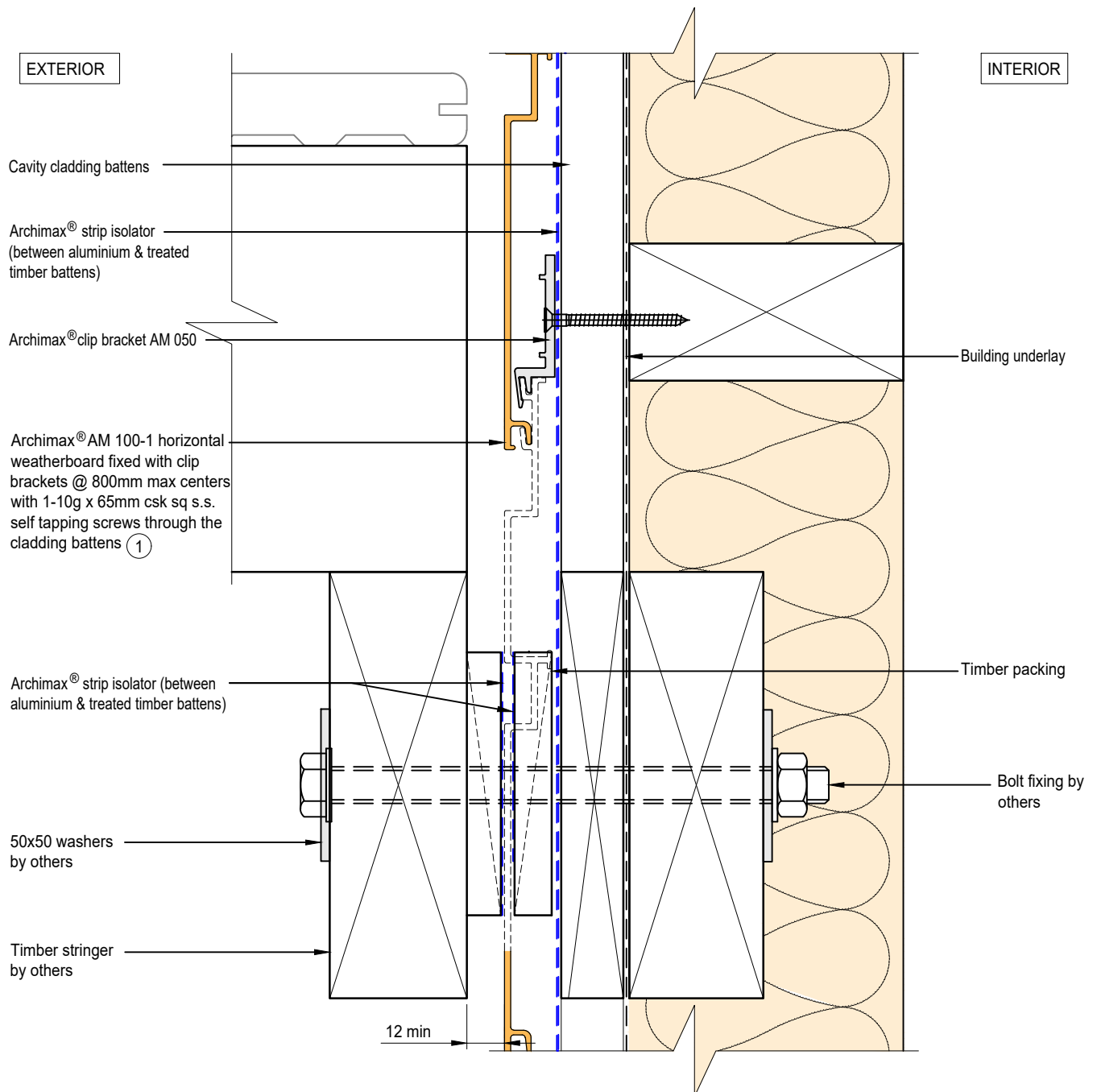
System  
AM 100-1 - HORIZONTAL WEATHERBOARD

Detail  
ARCHIMAX® HORIZONTAL JOINT DETAIL

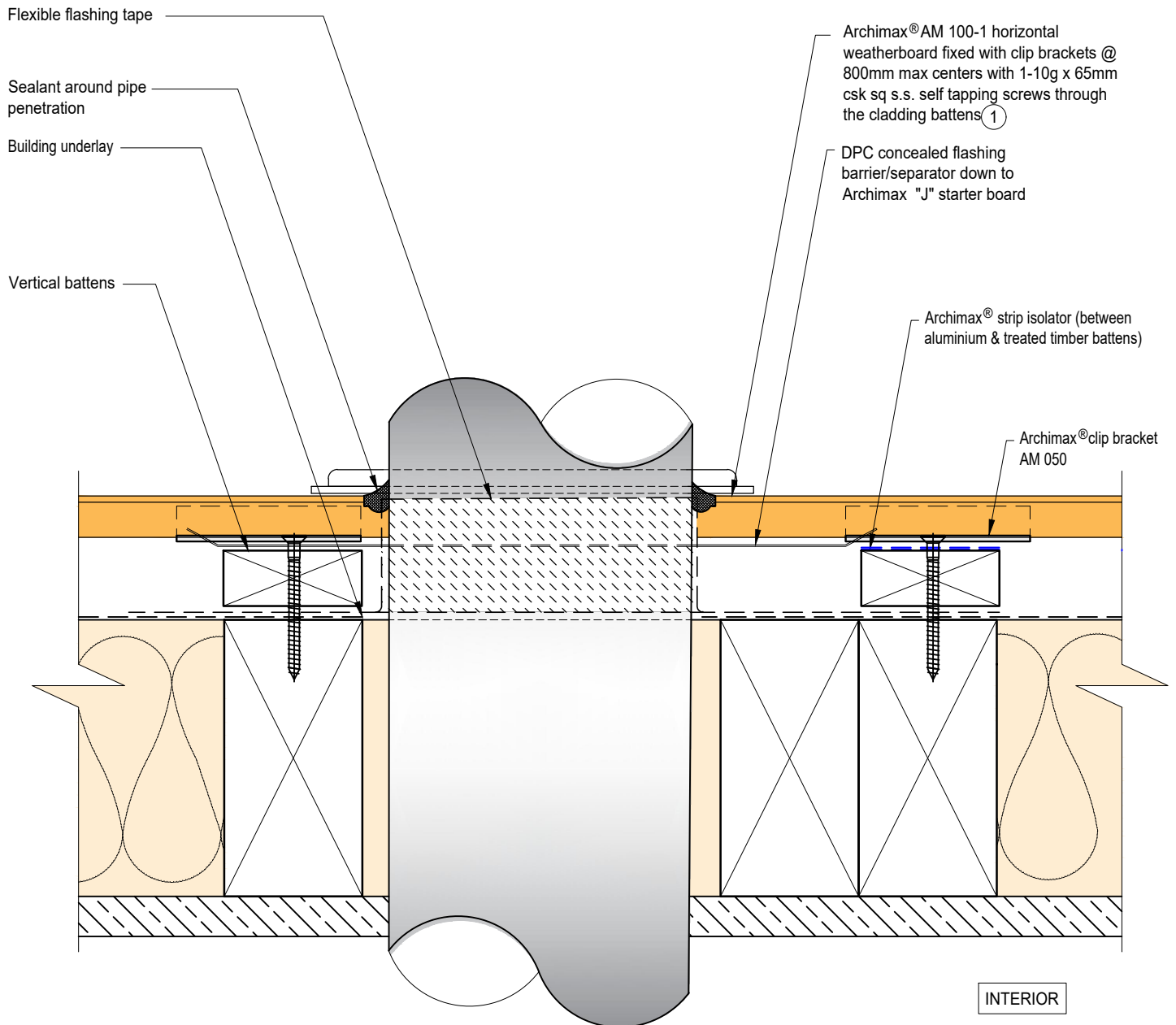
Drawing No. Rev.  
AM-HJ-H7 E

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Scale Date  
1:2 NOV24



EXTERIOR



EXTERIOR

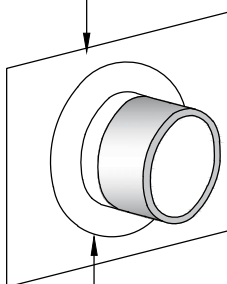
INTERIOR

Archimax® AM 100-1 horizontal weatherboard fixed with clip brackets @ 800mm max centers with 1-10g x 65mm csk sq s.s. self tapping screws through the cladding battens ①

Archimax® clip bracket AM 050

Vertical battens

DPC concealed flashing barrier/separator down to Archimax "J" starter board



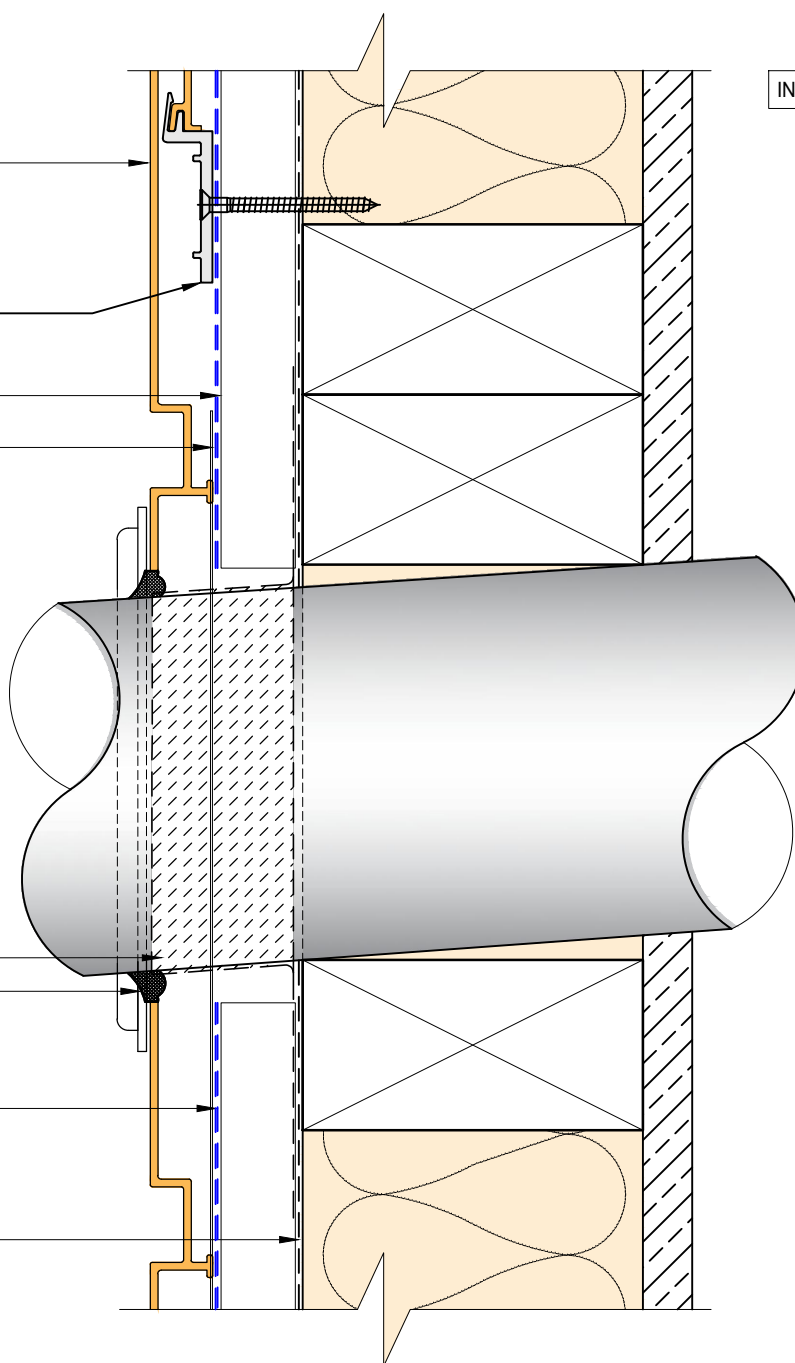
Pipe cover flange bed sealed to Archimax Cladding by others

Flexible flashing tape

Sealant around pipe penetration

Archimax® strip isolator (between aluminium & treated timber battens)

Building underlay



EXTERIOR

INTERIOR

5mm compressible foam tape, or use sealant to seal the gap

Archimax® AM 018 end capping cover part B (3)

Archimax® AM 016 capping cover clip (4)

Archimax® AM 017 end capping cover part A (5)

Fixing needs to be at the center so the cover clip prevents contact with the screw and avoid any problems with its notch

5mm Drain Holes @ 30mm spacing

c/c Countersunk screws

- for horizontal cladding above 4 meters, secure 1 screw at the top for every meter of width.
- for horizontal cladding above 6 meters, secure 1 screw at the top & middle for every meter of width.

Horizontal battens

Archimax® AM 100-1 horizontal weatherboard fixed with clip brackets @ 800mm max centers with 1-10g x 65mm csk sq s.s. self tapping screws through the cladding battens (1)

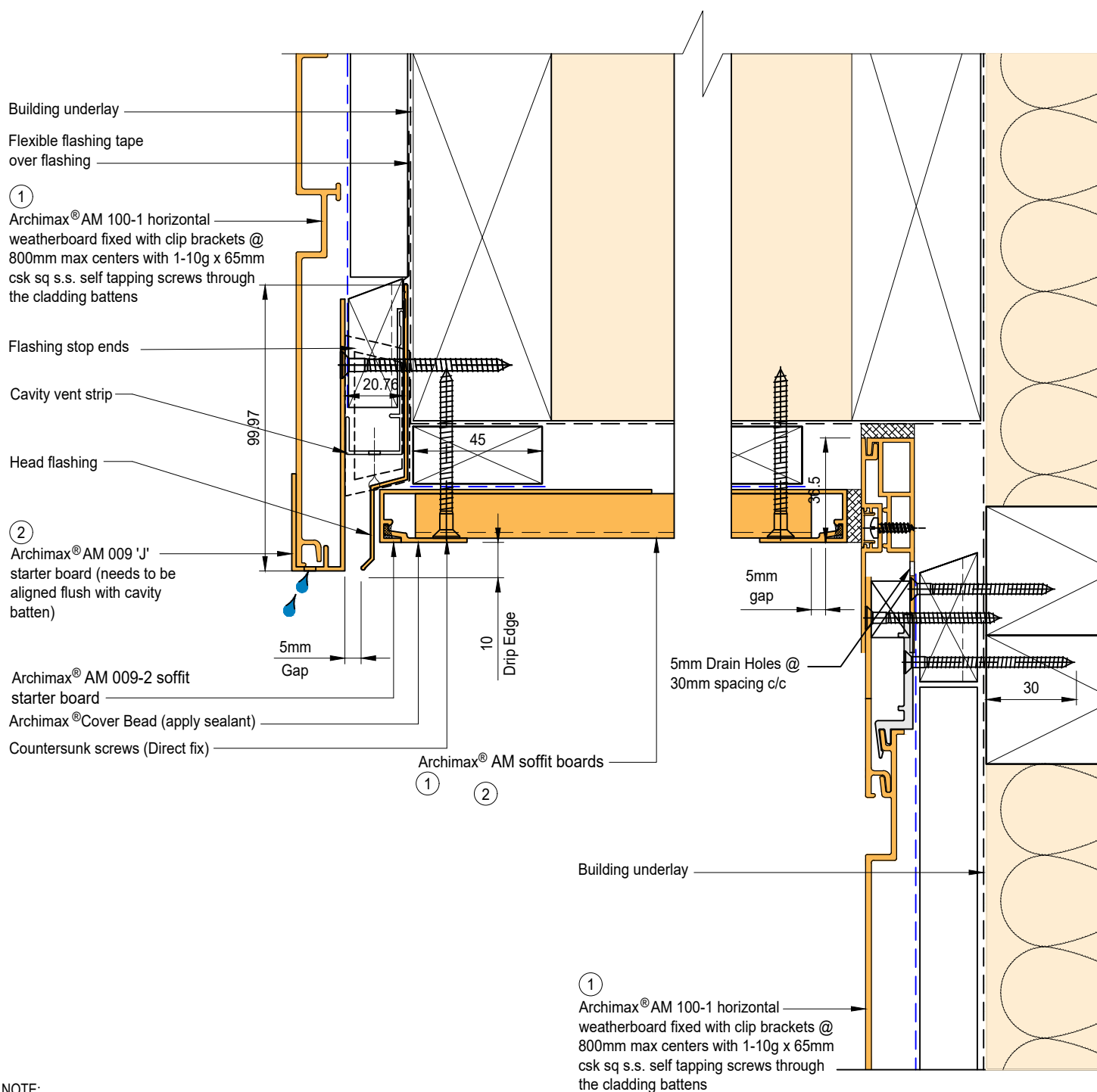
Archimax® clip bracket AM 050

Archimax® strip isolator (between aluminium & treated timber battens)

Building underlay

#### NOTE:

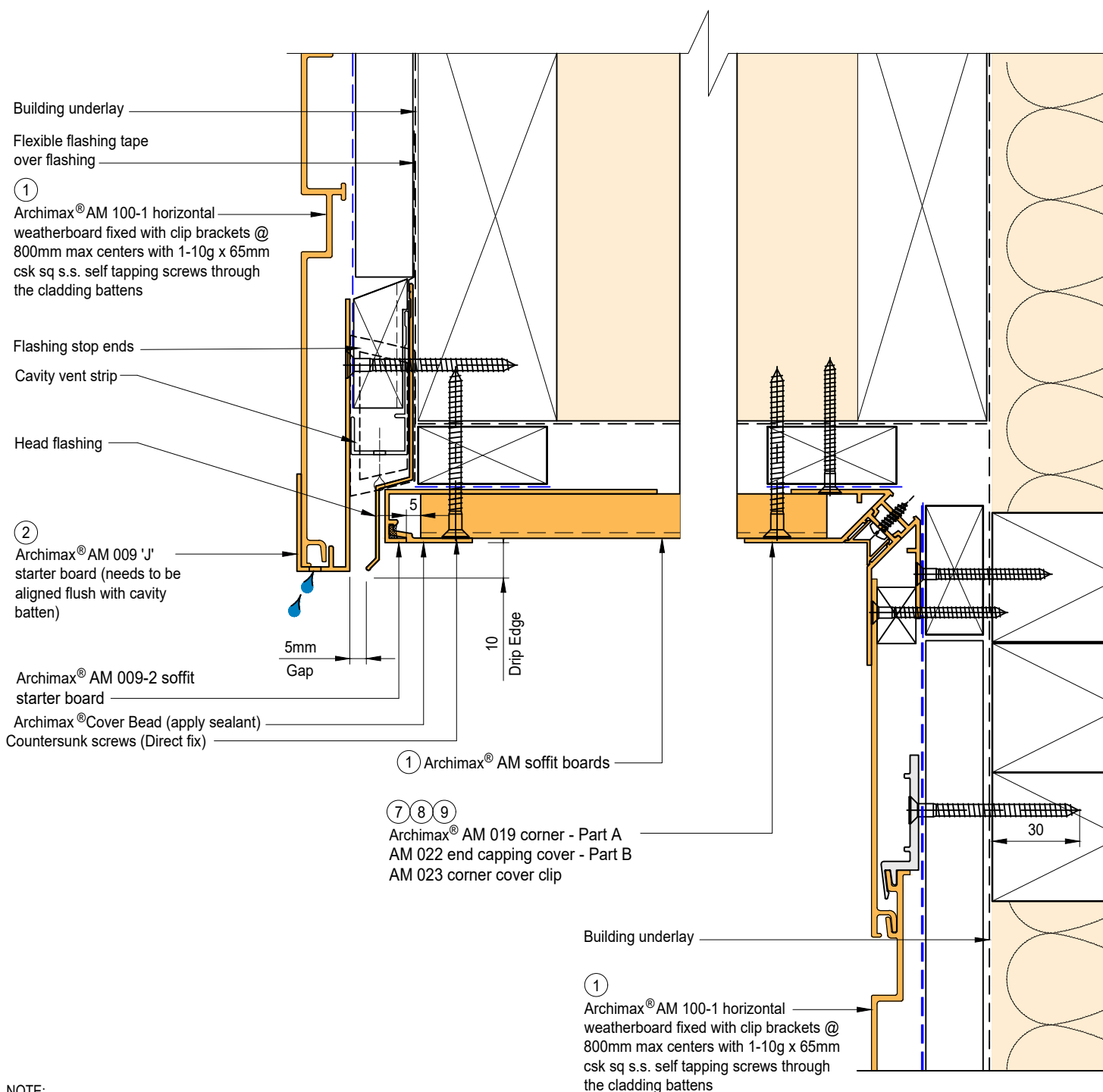
1. Ideally, use 5mm compressible foam tape, or use sealant to seal the gap between soffit and Archimax cladding depending on the site situation.
2. For horizontal cladding more than 4 meters, secure 1 screw at the top for every meter of width. If it exceeds 6 meters, fix at both top and middle with one screw each.
4. Timber Cavity Batten at 800mm max spacing.
5. Secure the AM029 clip with 1 screw for standard use, or 2 screws for added support



NOTE:

1. Stop ends to be installed at flashing ends.
2. Soffit requires direct fixing without brackets.

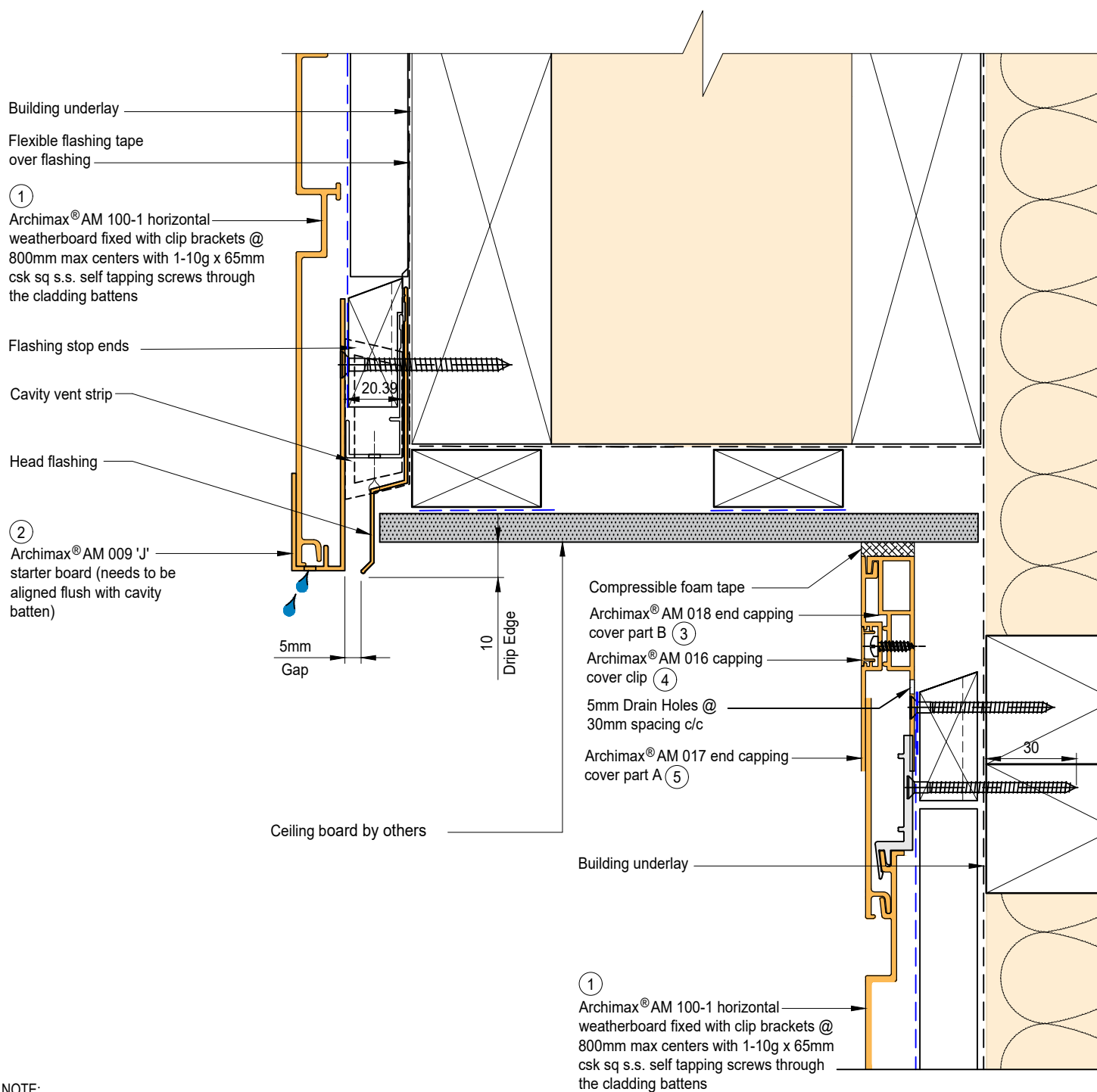


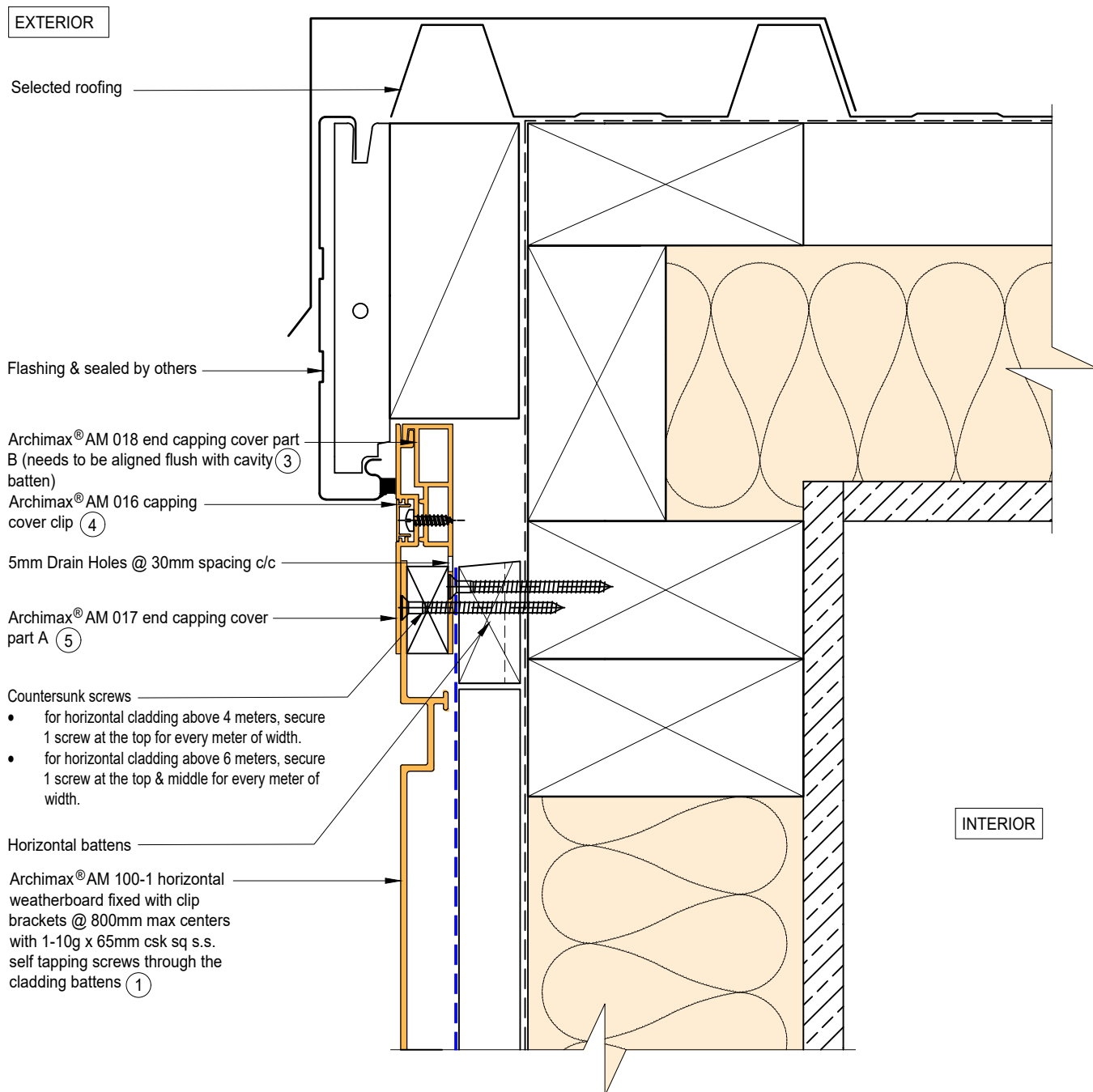


**NOTE:**

1. Stop ends to be installed at flashing ends.
2. Soffit requires direct fixing without brackets.
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4. Secure the AM029 clip with 1 screw for standard use, or 2 screws for added support



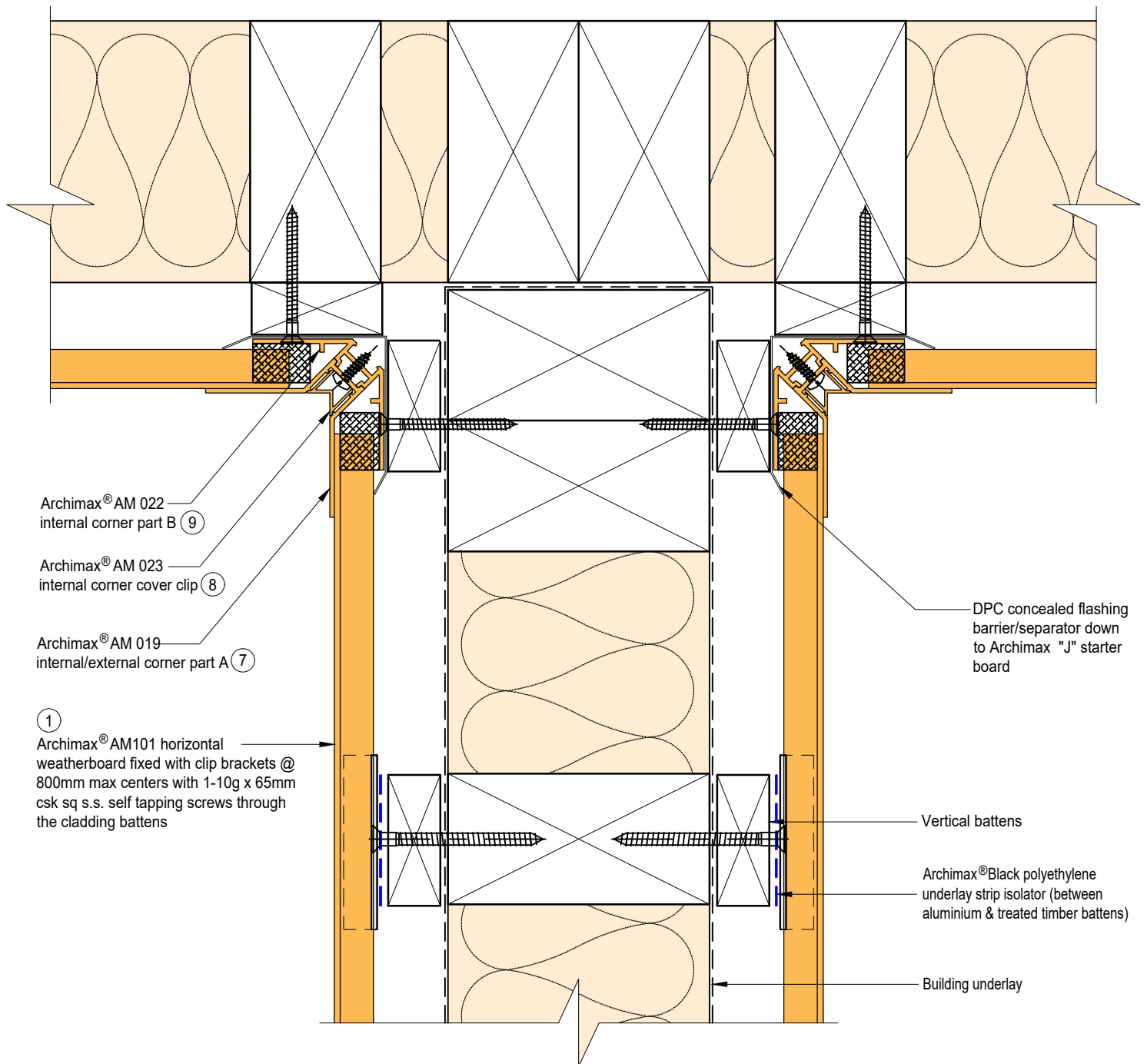


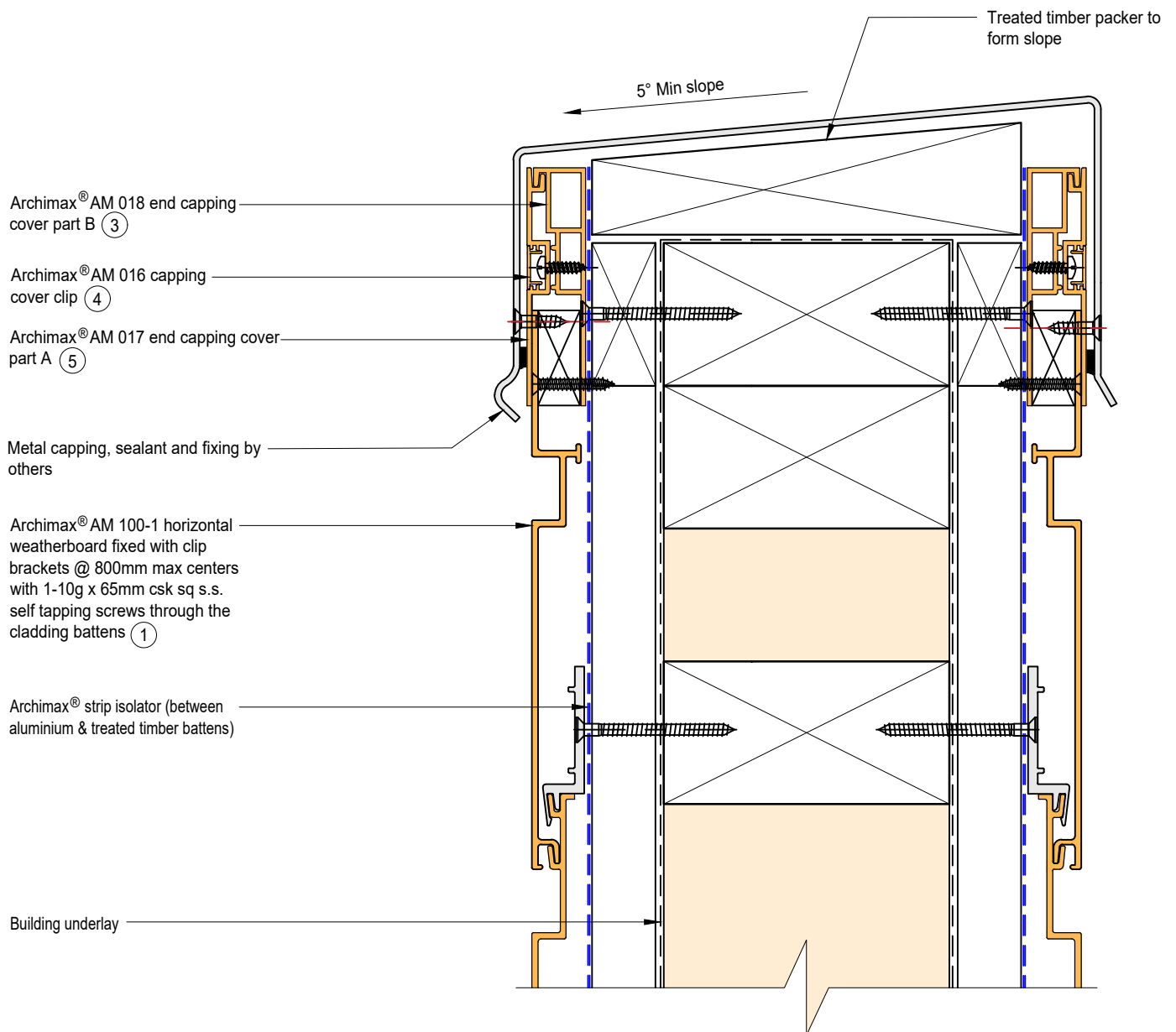


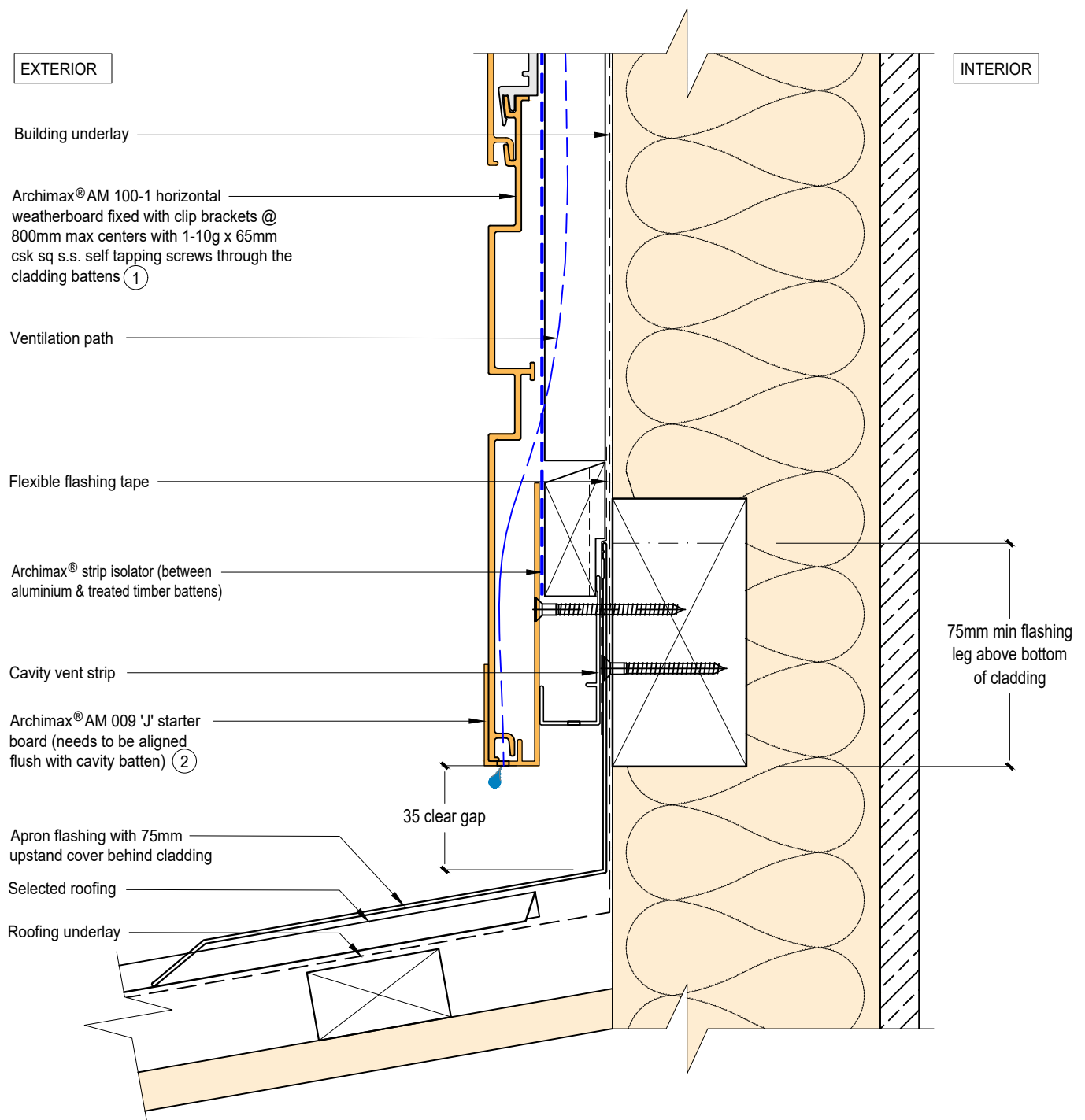
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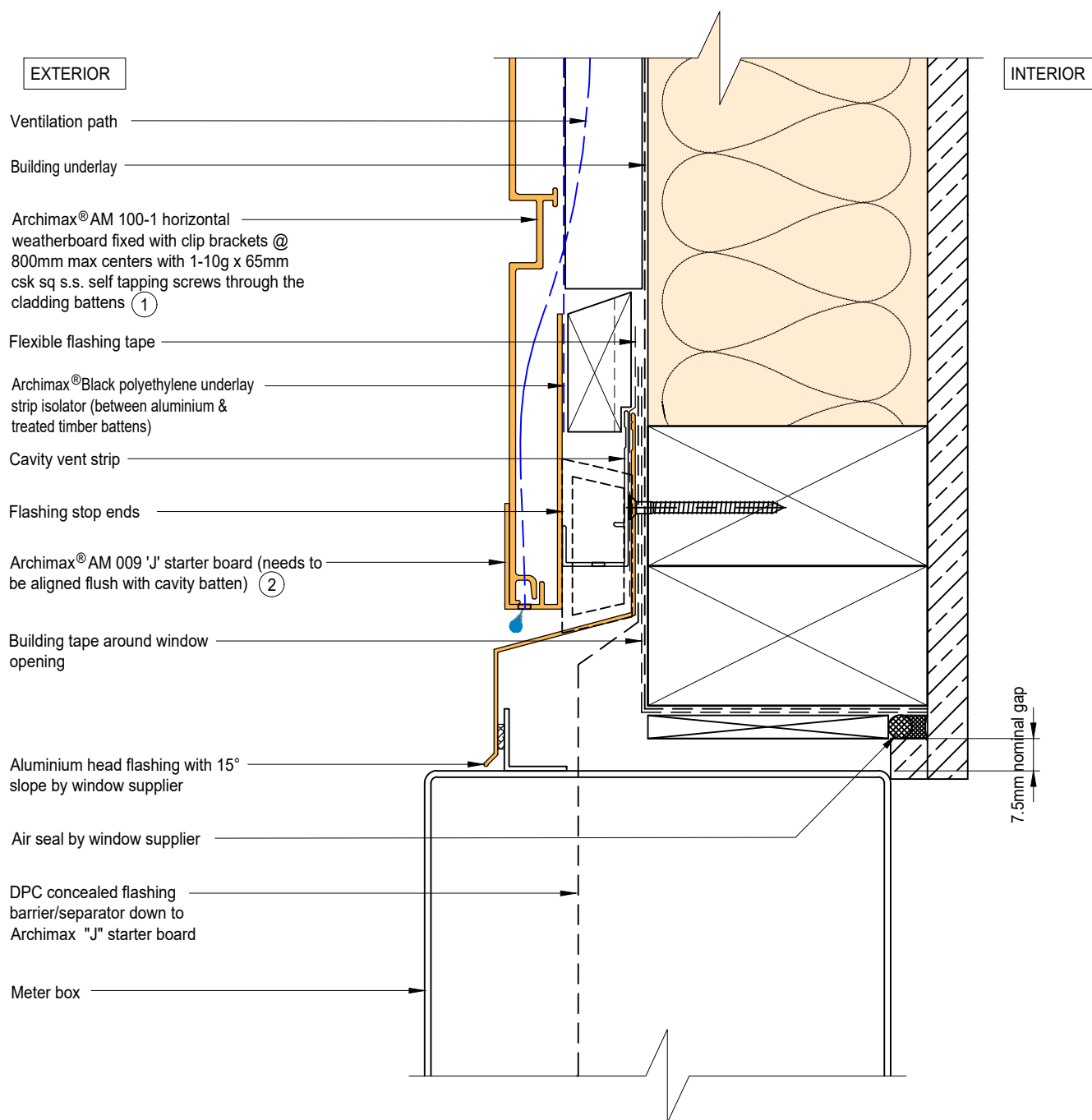
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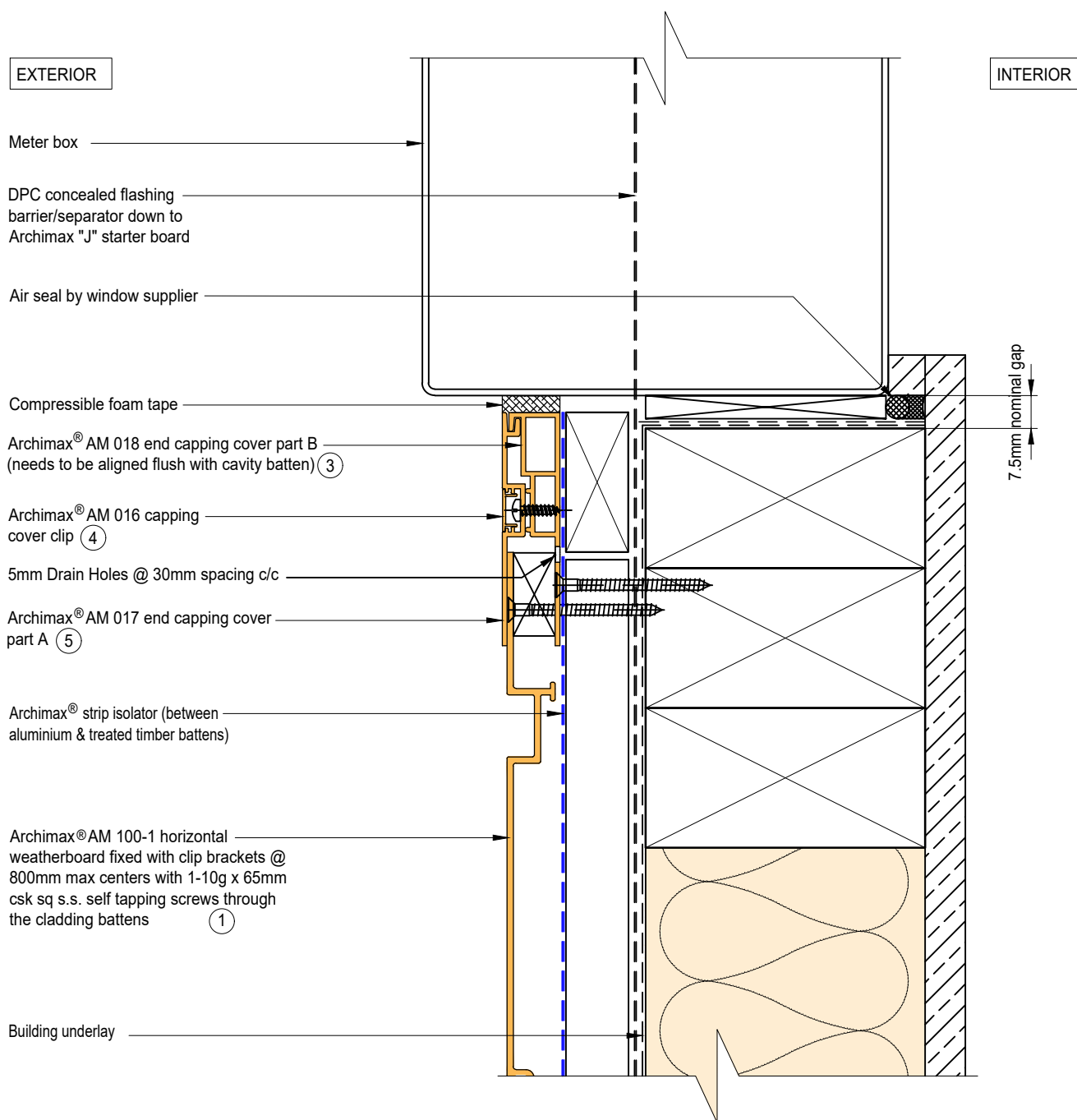




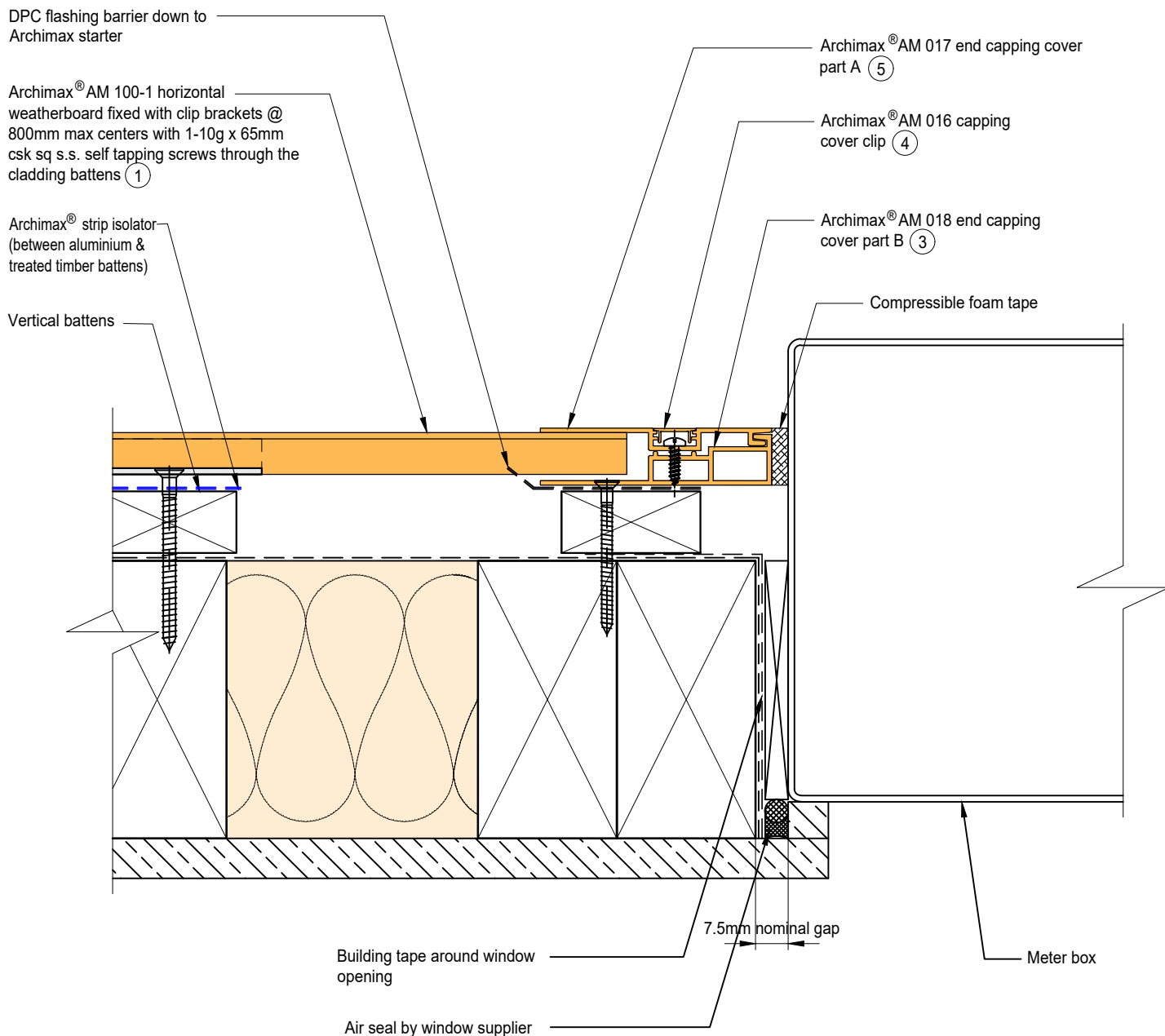


NOTE:  
STOP ENDS TO BE INSTALLED AT FLASHING ENDS

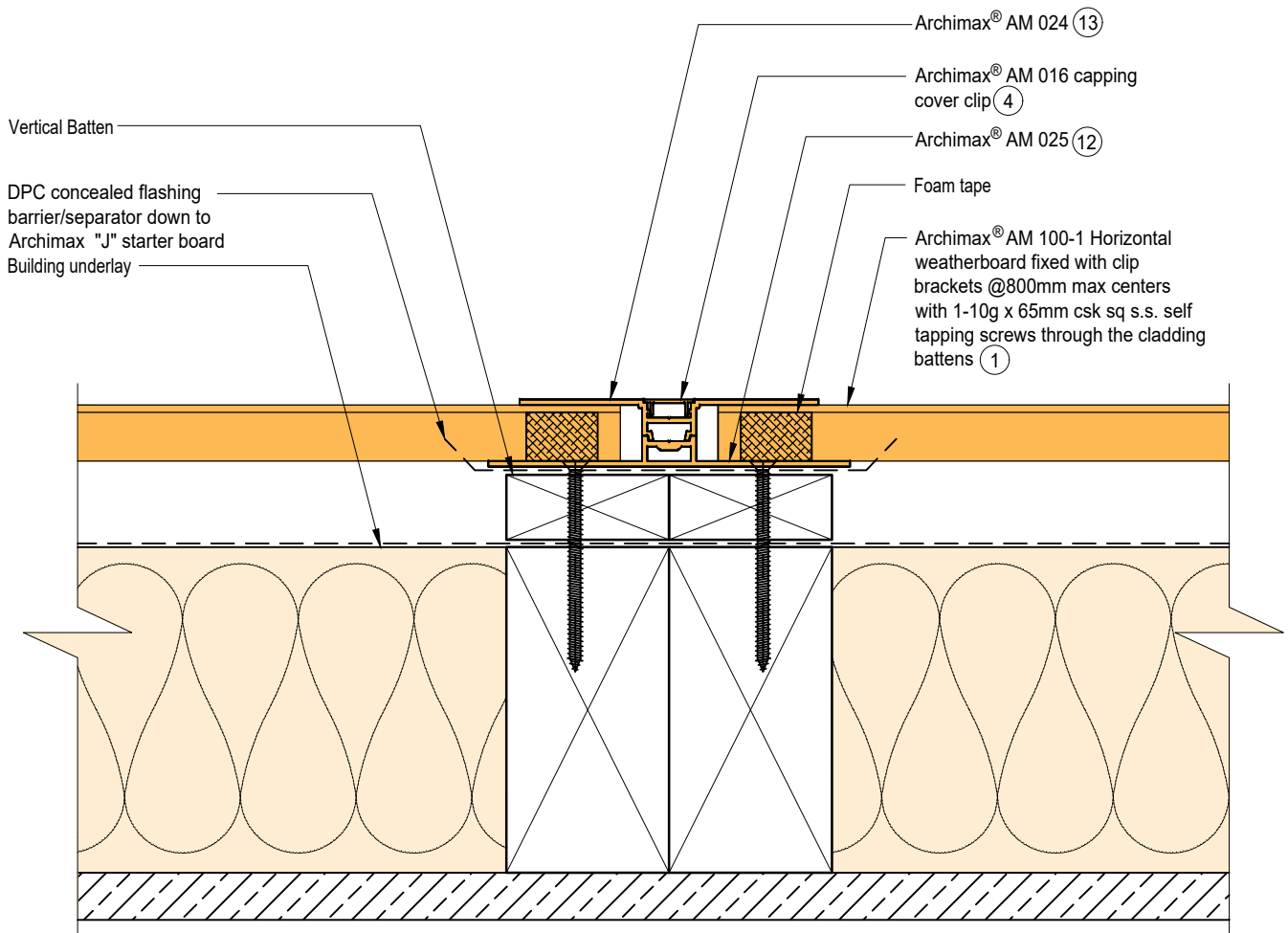








EXTERIOR



INTERIOR



<div> <div>1</div> </div>				
AM 100-1 Archimax Horizontal/Vertical Weatherboard				
<div>2</div>	<div>3</div>	<div>4</div>	<div>5</div>	<div>6</div>
AM 009	AM 018	AM 016	AM 017	AM 050
"J" Starter Board	End capping part B	Jointer / Jamb / Sill capping cover clip	End Capping part A	Clip Bracket
<div>7</div>	<div>8</div>	<div>9</div>		<div>11</div>
AM 019	AM 023	AM 022		AM 020
Internal/External corner part A	Internal Corner cover clip	Internal Corner part B		External Corner cover clip
<div>12</div>	<div>13</div>			
AM 025 Jointer part A	AM 024 Jointer part B			