



# ARCHIMAX

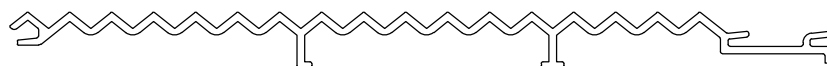
## ALUMINIUM CLADDING SYSTEM

*Creating more durable building envelopes*

Archimax® Aluminium Cladding System

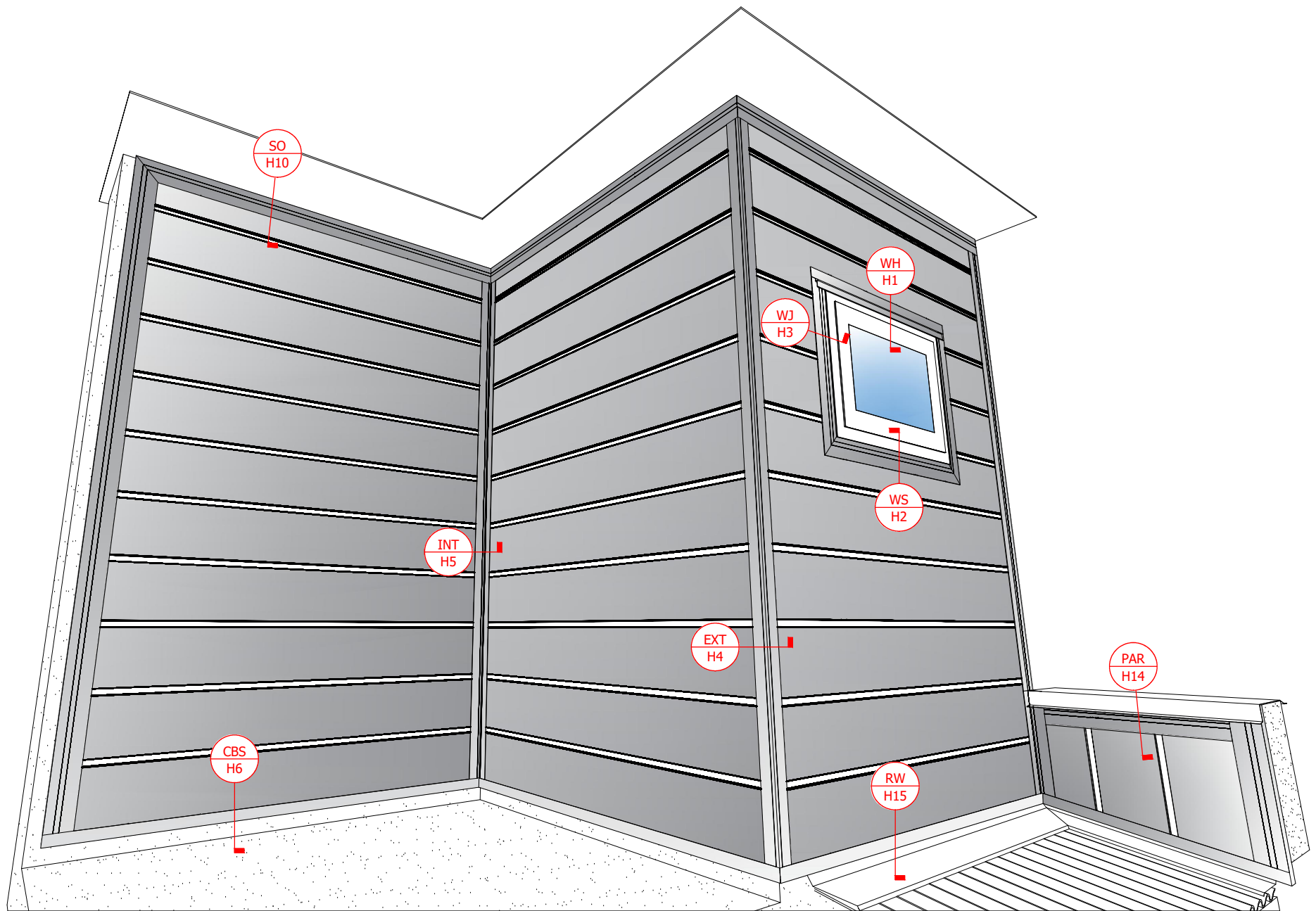
AM500 Horizontal Profile – Installation details

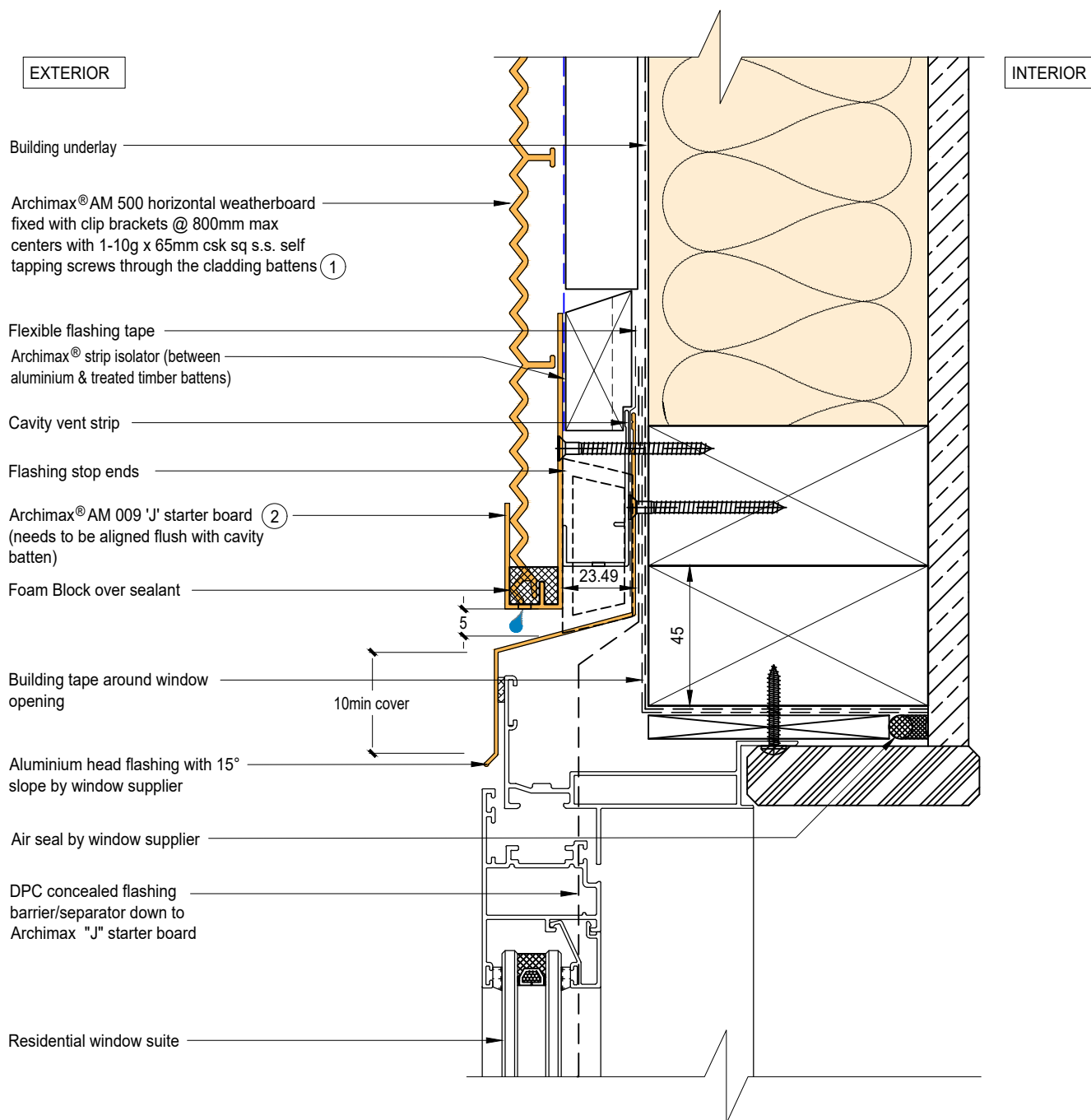
Drawing No.	Rev.	Description
AM-WH-H1	E	Archimax® Window Head Detail
AM-WS-H2	E	Archimax® Window Sill Detail
AM-WJ-H3	E	Archimax® Window Jamb Detail
AM-EXT-H4	E	Archimax® External Corner Detail
AM-INT-H5	E	Archimax® Internal Corner Detail
AM-CBS-H6.1	E	Archimax® Concrete Floor Board Starter Detail - 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



**AM500**

coverage: 188mm

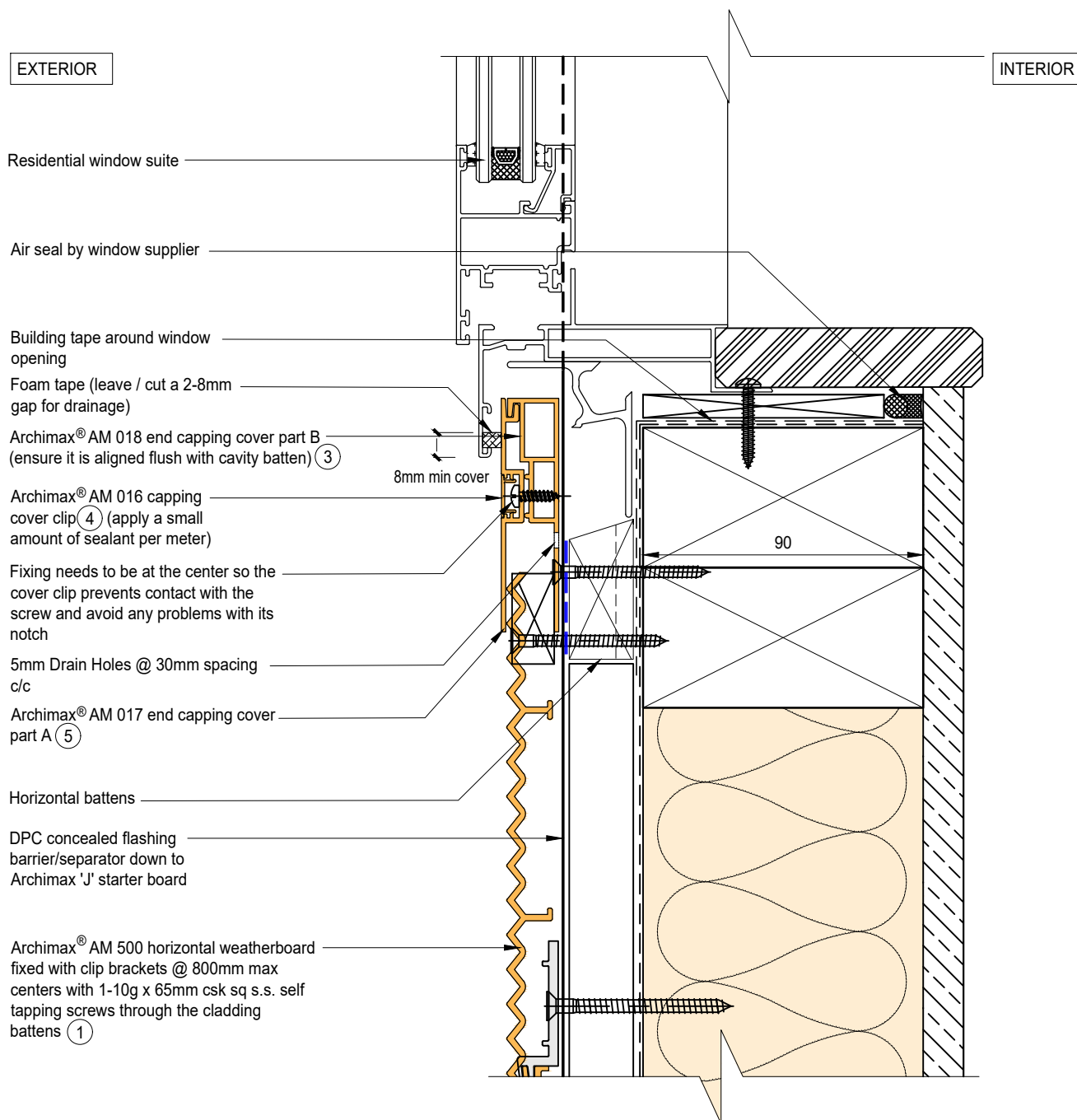




**NOTE:**

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.





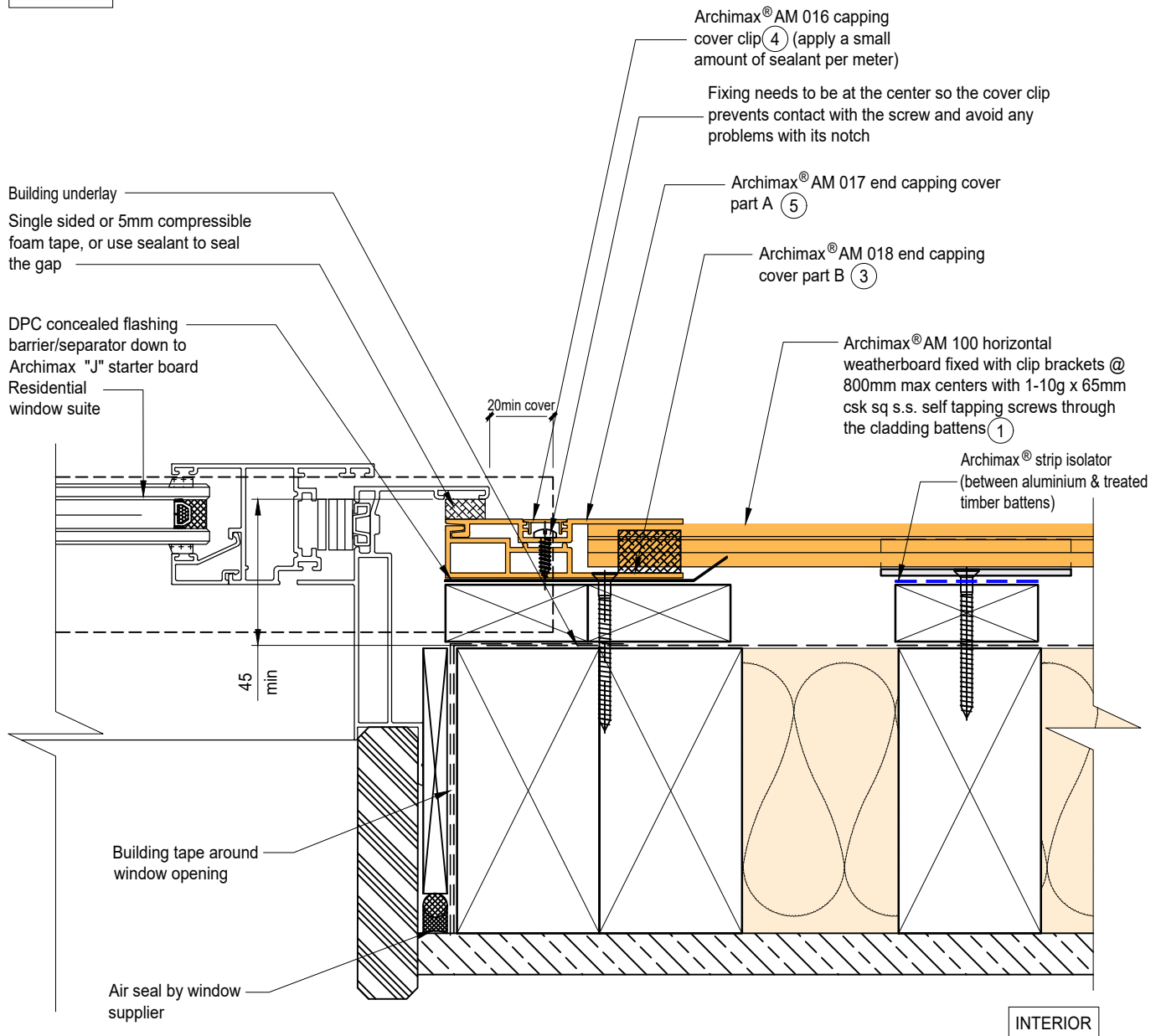
**NOTE:**

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

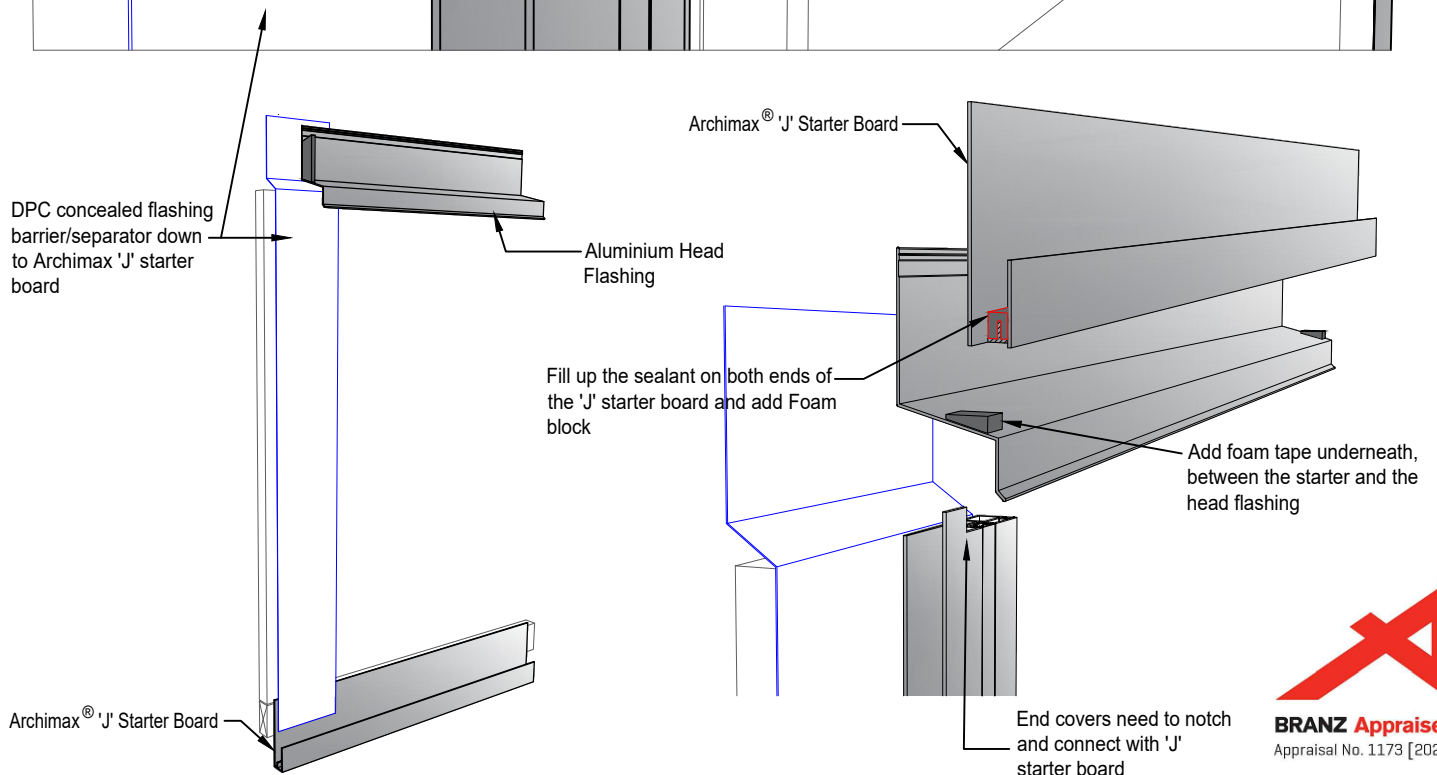
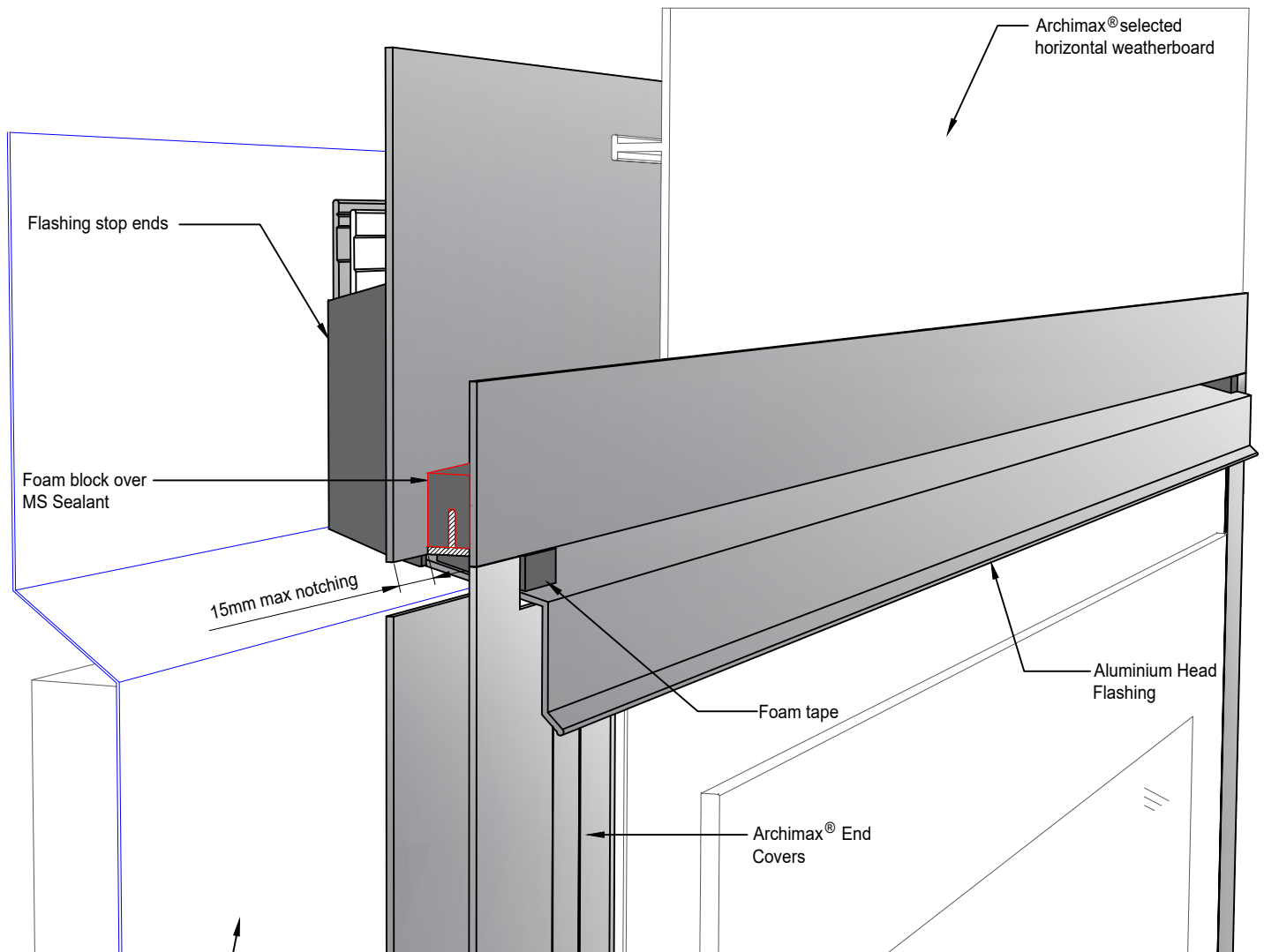


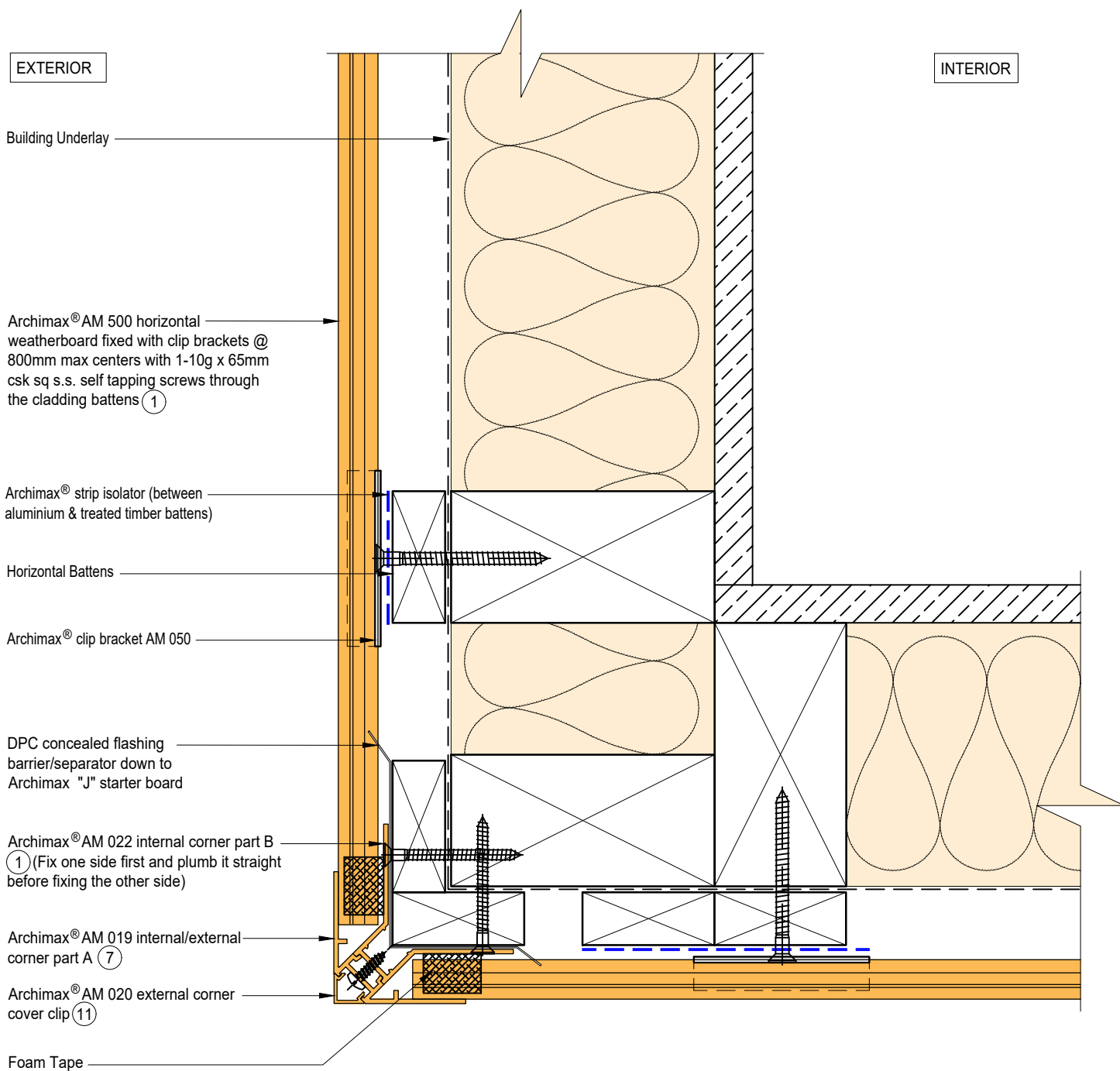
INTERIOR

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.



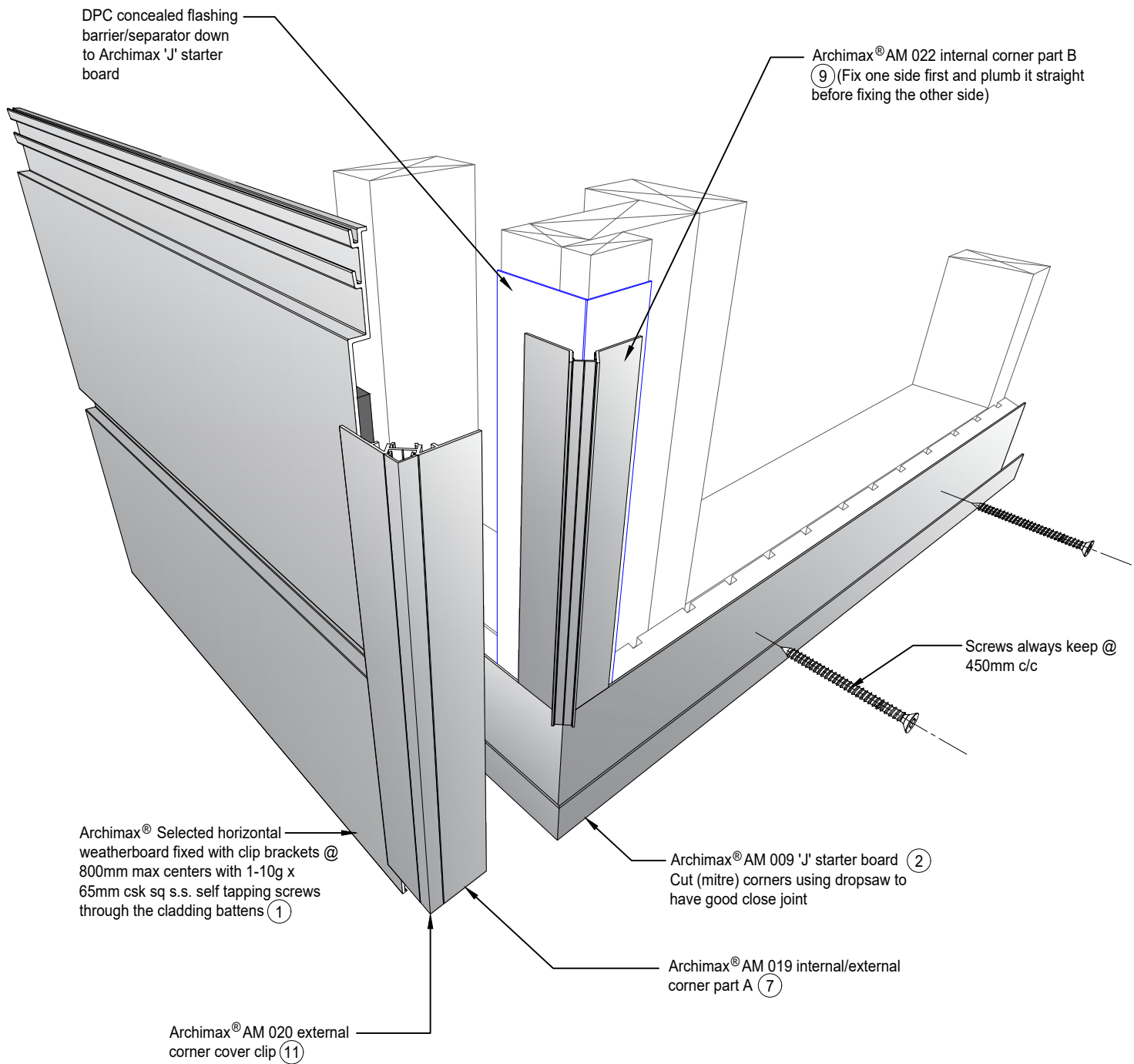


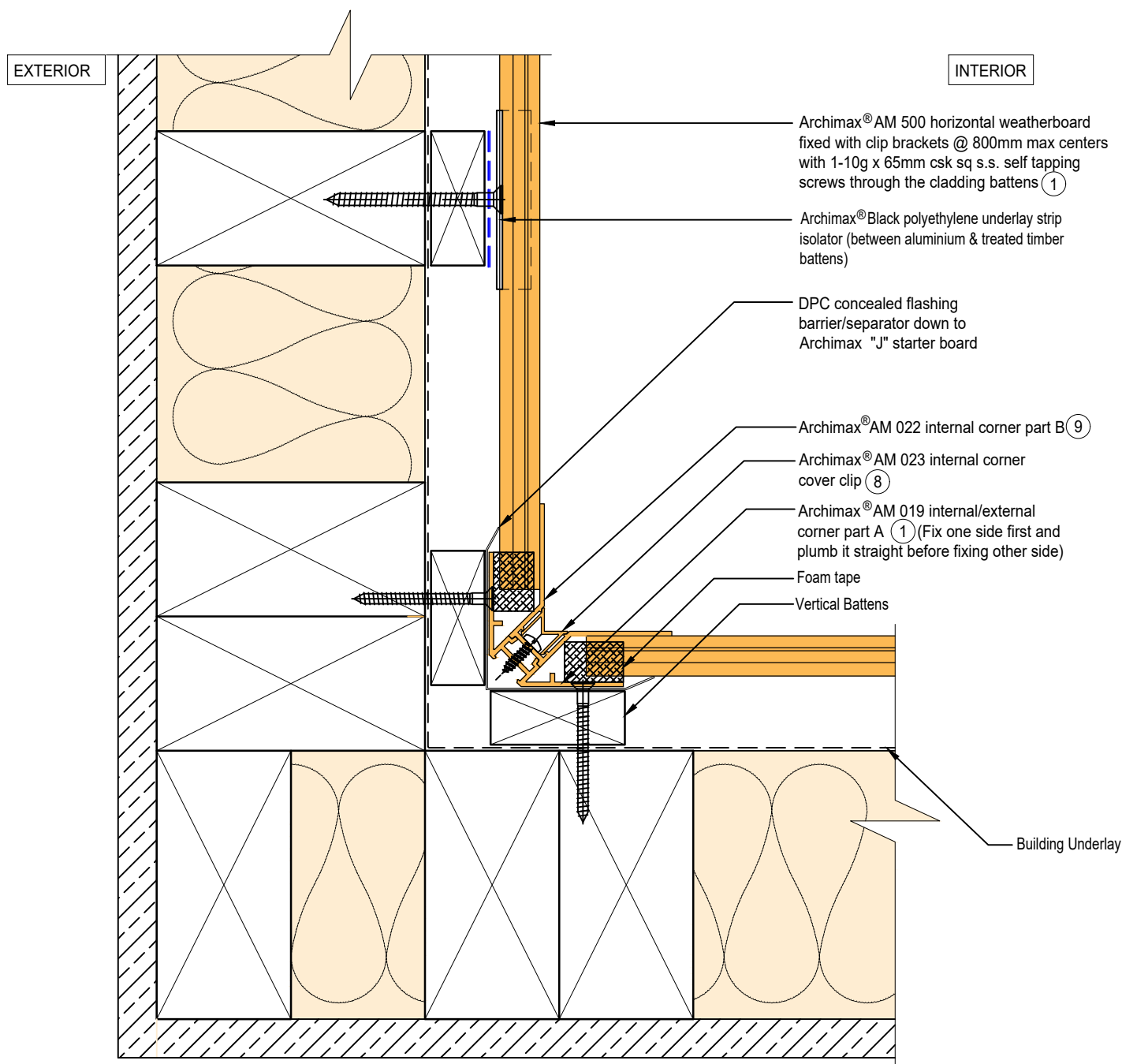


**NOTE:**

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






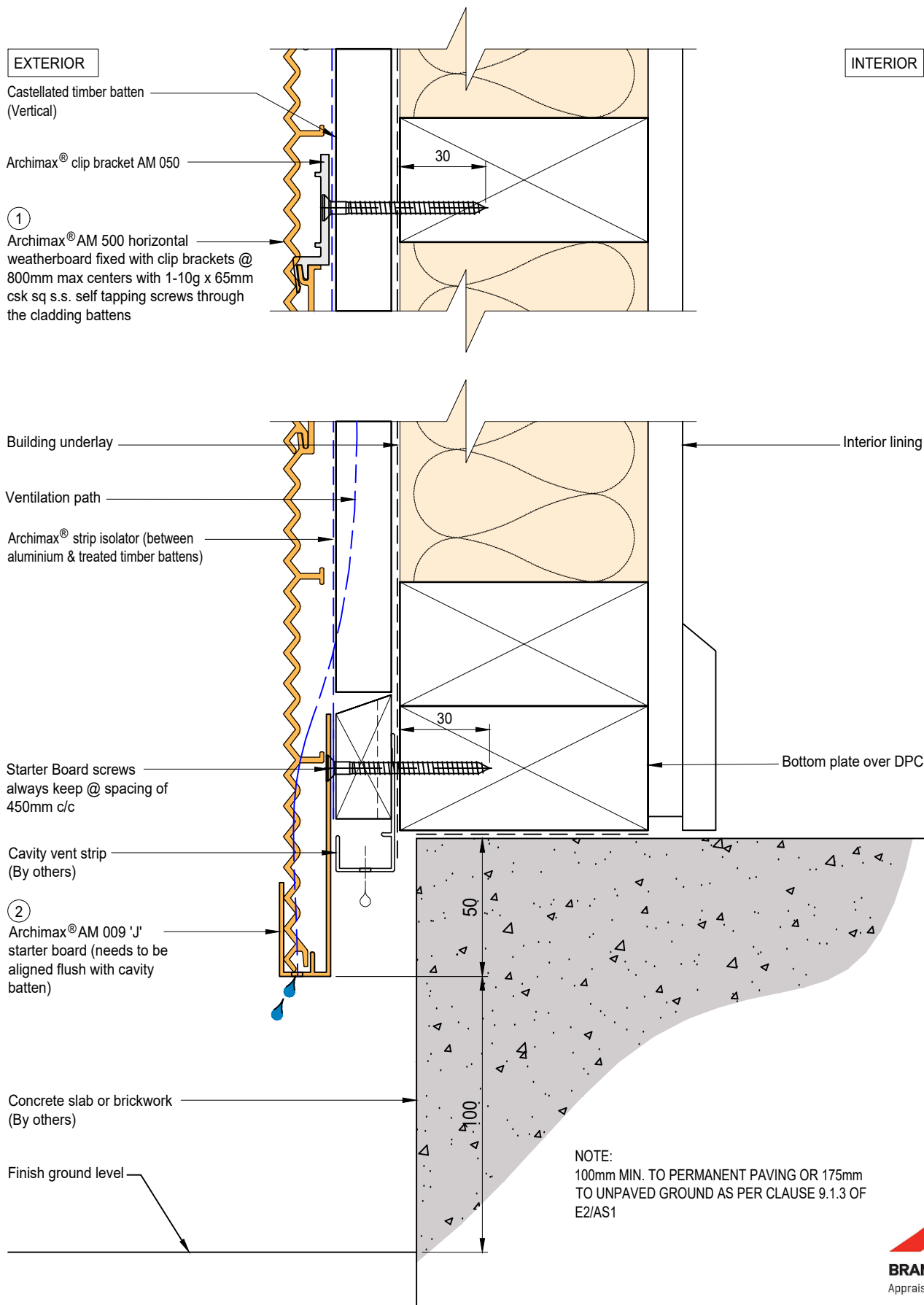


**NOTE:**

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.



 <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 500 - HORIZONTAL WEATHERBOARD	Detail ARCHIMAX® INTERNAL CORNER DETAIL	Drawing No. Rev. AM-INT-H5 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



# EXTERIOR

Archimax® Aluminium Batten  
AMB 01 (vertical)

Archimax® clip bracket AM 050

# INTERIOR

Rigid air barrier  
(FRR)

①  
Archimax® AM 500 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 500 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

13

5

21.4

NOTE:

STOP ENDS TO BE INSTALLED AT INTER-STOREY FLASHING ENDS

**BRANZ Appraised**  
Appraisal No. 1173 [2021]

**ARCHIMAX**  
ALUMINIUM CLADDING SYSTEM  
*Creating more durable building envelopes*  
www.archimax.co.nz

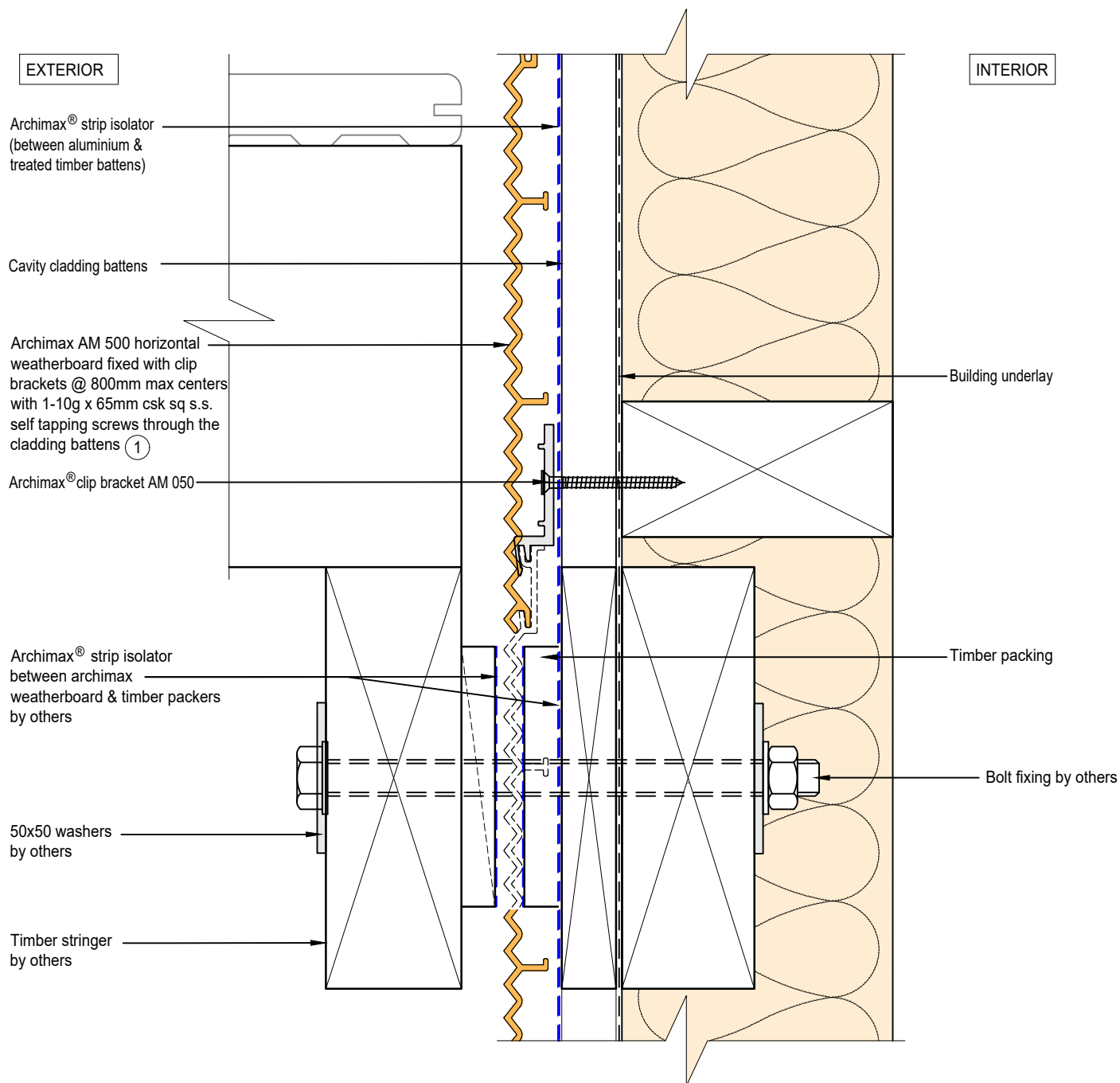
System  
AM 500 - HORIZONTAL  
WEATHERBOARD

Detail  
ARCHIMAX® HORIZONTAL JOINT  
DETAIL

Drawing No. Rev.  
AM-HJ-H7 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 Date  
1:2 NOV24



EXTERIOR

Flexible flashing tape

Sealant around pipe penetration

Building underlay

Vertical battens

Archimax® AM 500 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

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

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

Archimax® clip bracket AM 050

INTERIOR



EXTERIOR

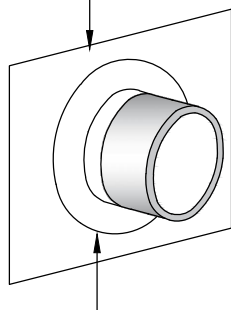
INTERIOR

Archimax® AM 500 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



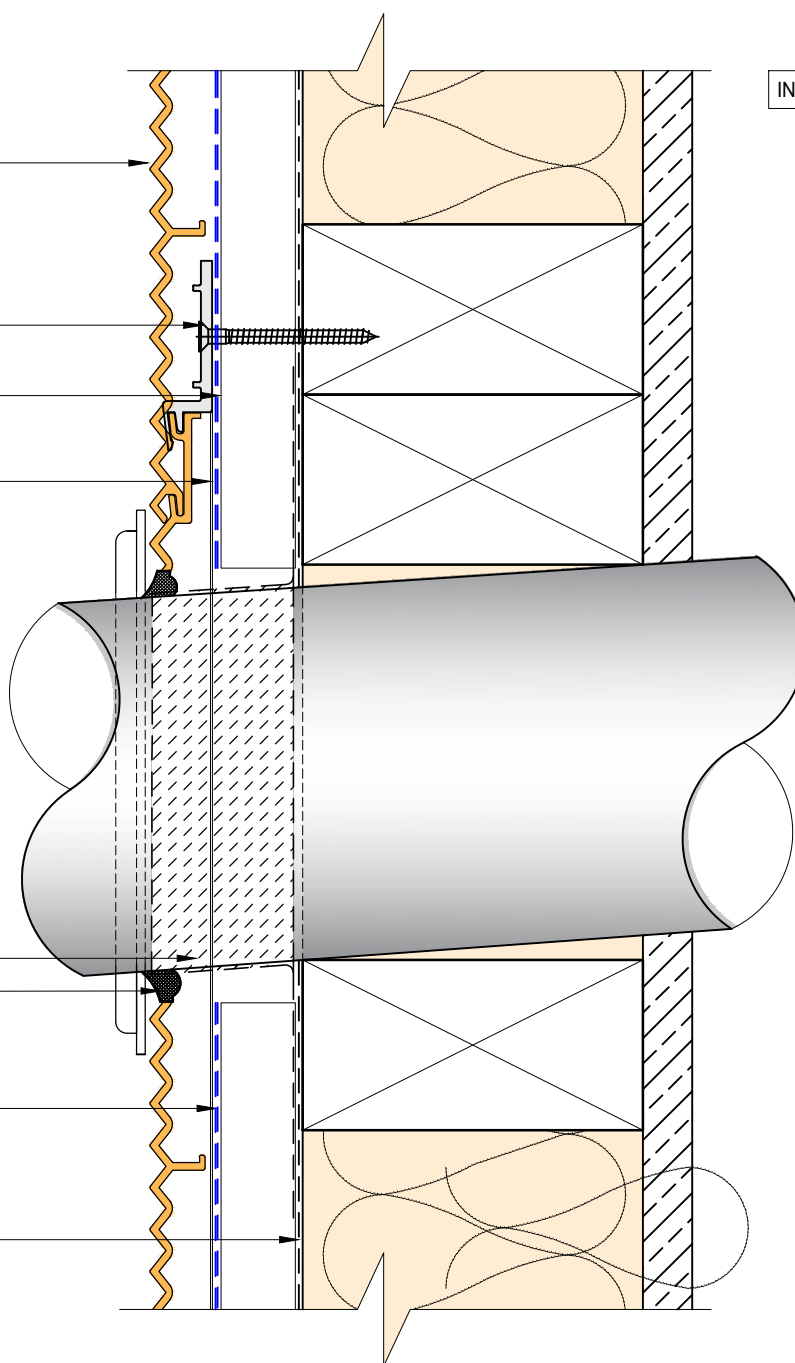
Pipe cover flange bed sealed to Archimax Cladding by others

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 500 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)

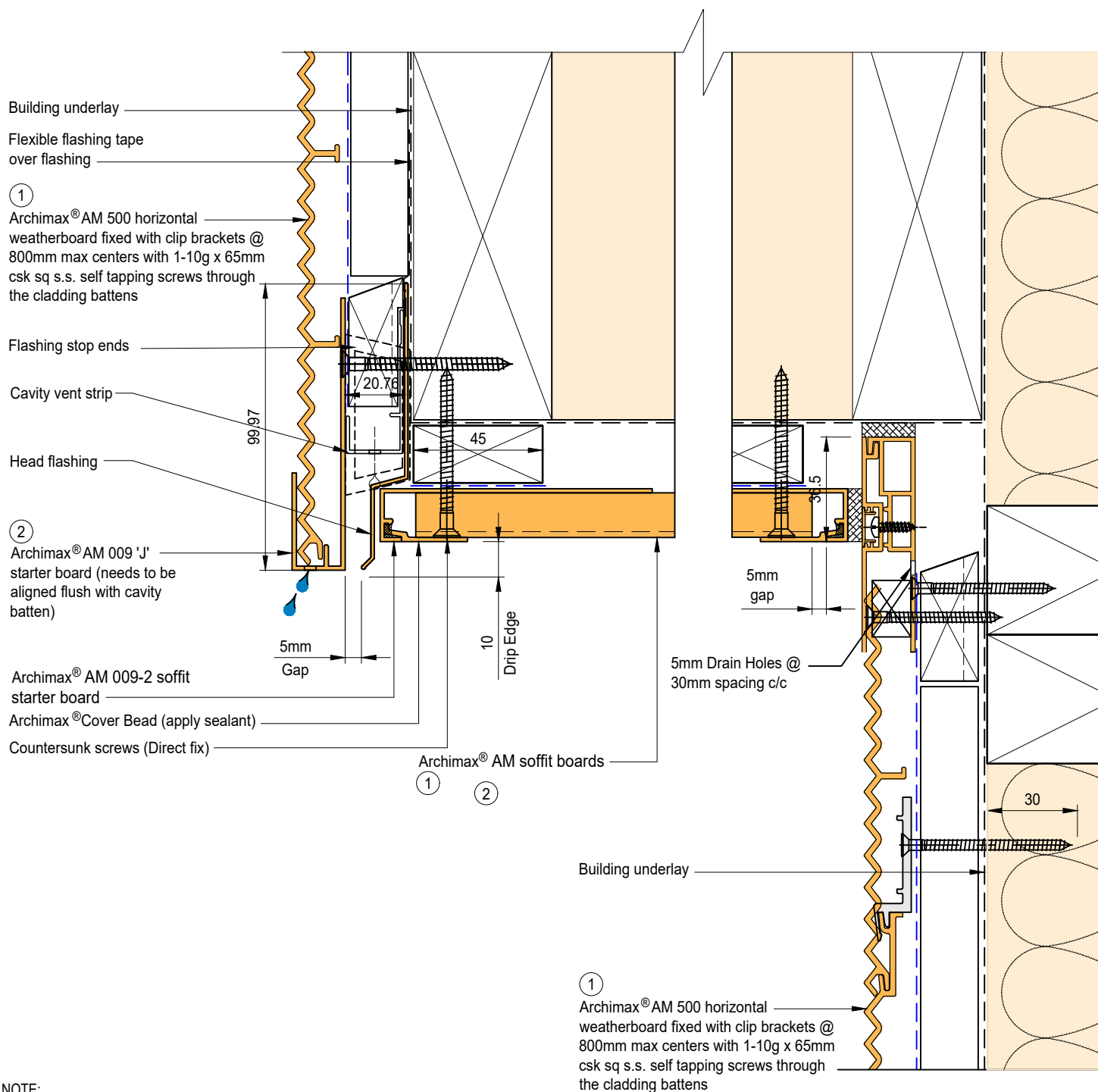
Archimax® clip bracket AM 050

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

Building underlay

## NOTE:

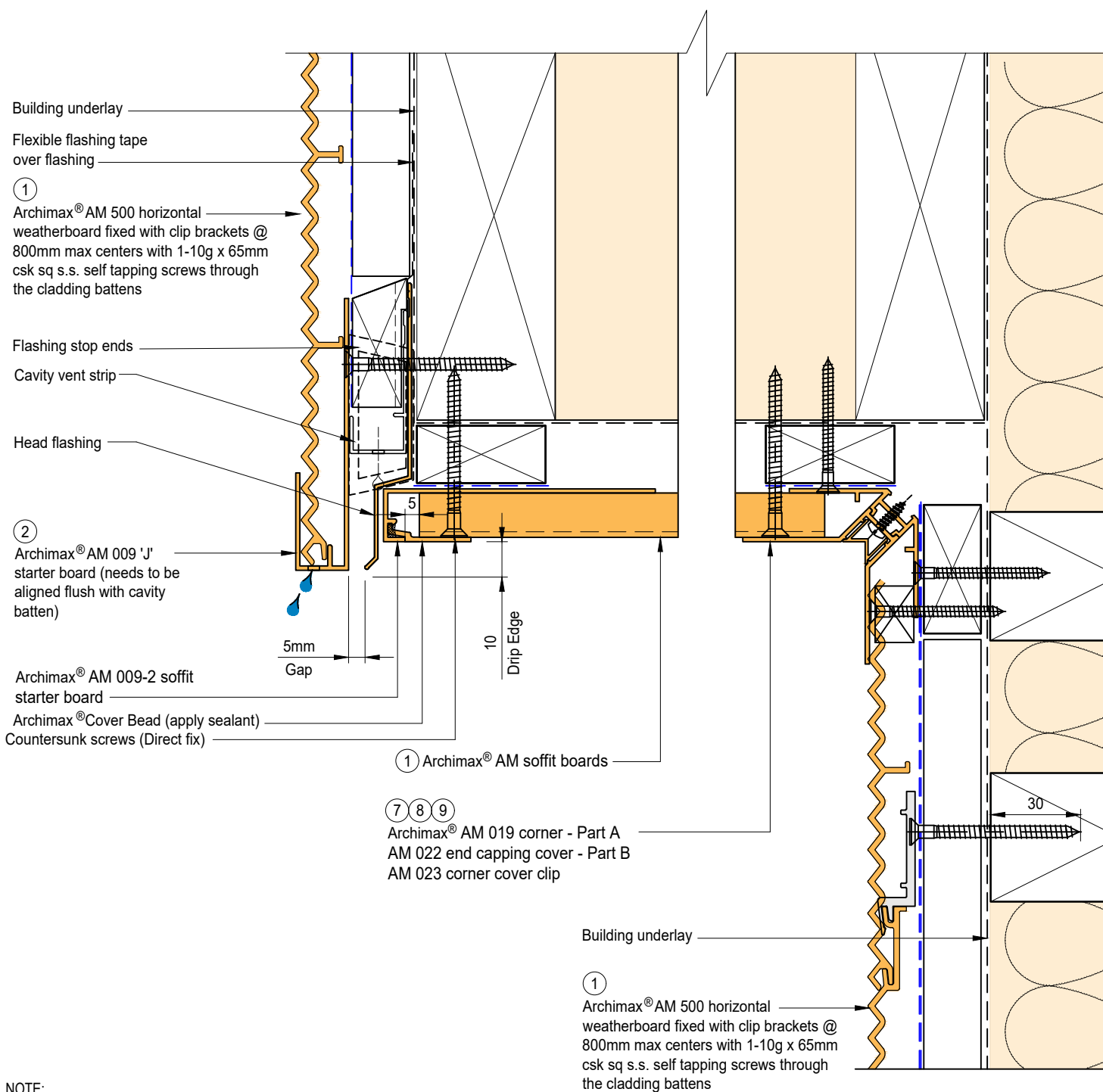
1. Ideally, use 5mm compressible foam tape, or use sealant to seal the gap between soffit and Archimax cladding depending on the site situation.
2. For horizontal cladding more than 4 meters, secure 1 screw at the top for every meter of width. If it exceeds 6 meters, fix at both top and middle with one 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.



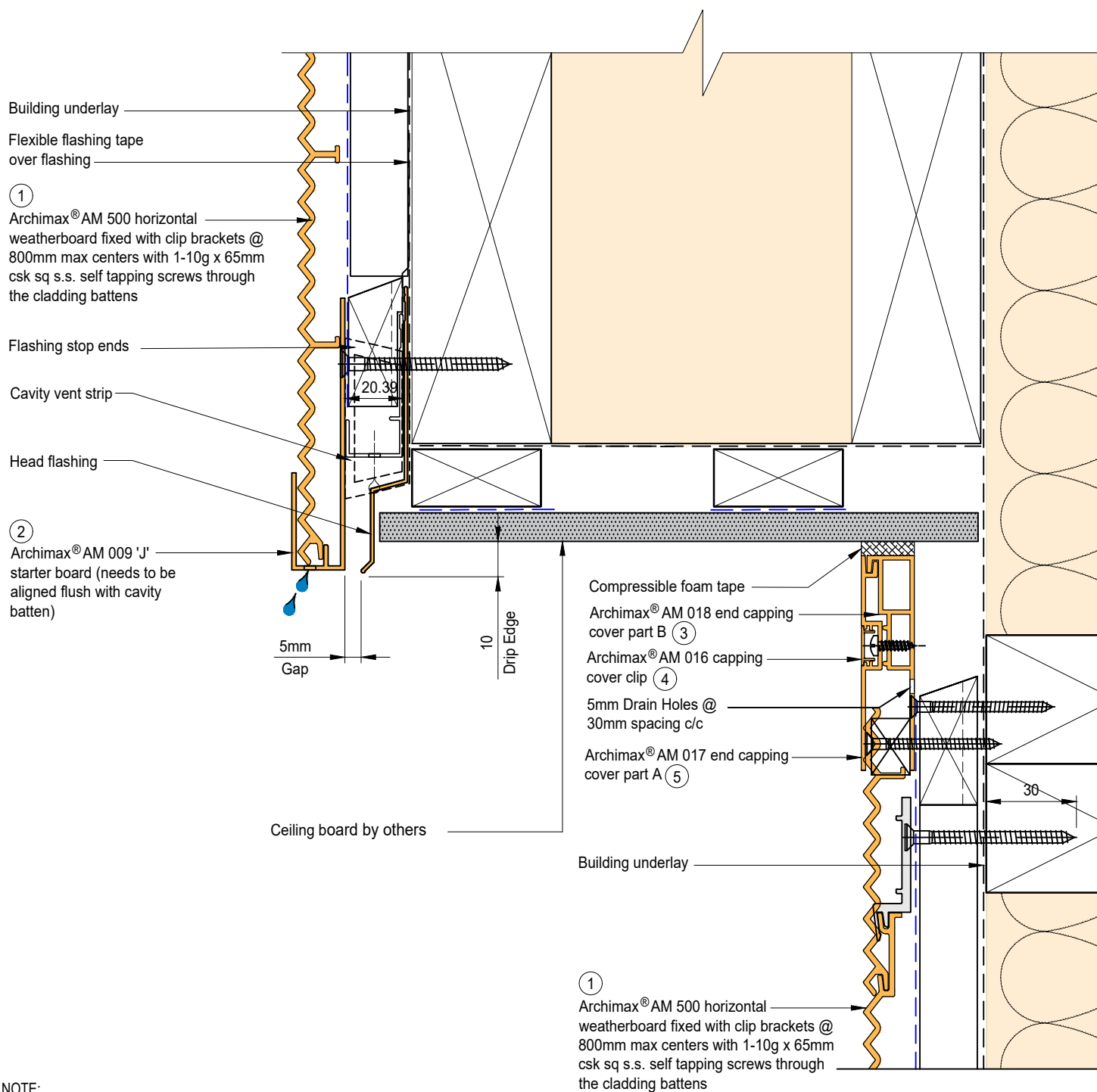


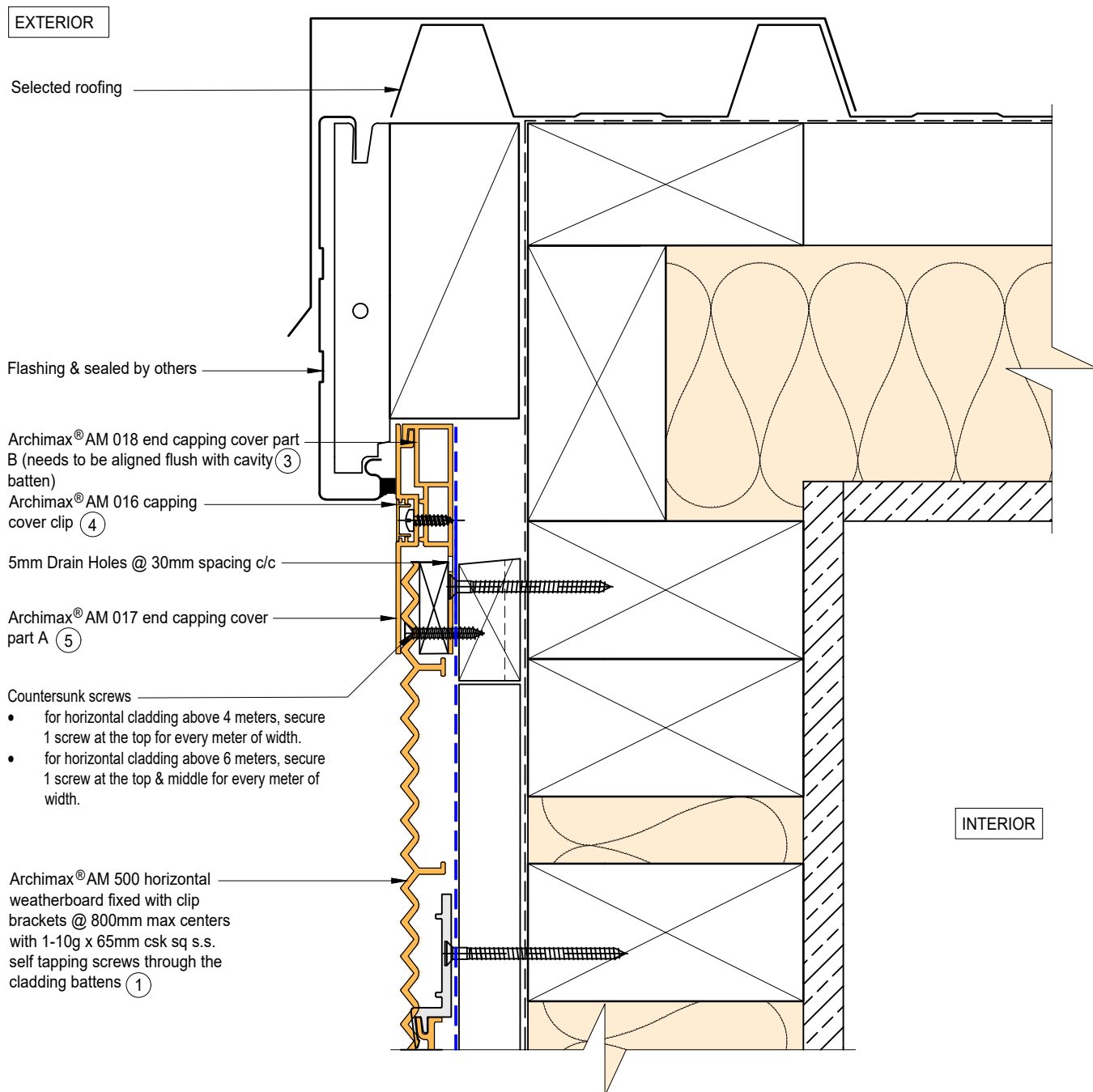
NOTE:

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





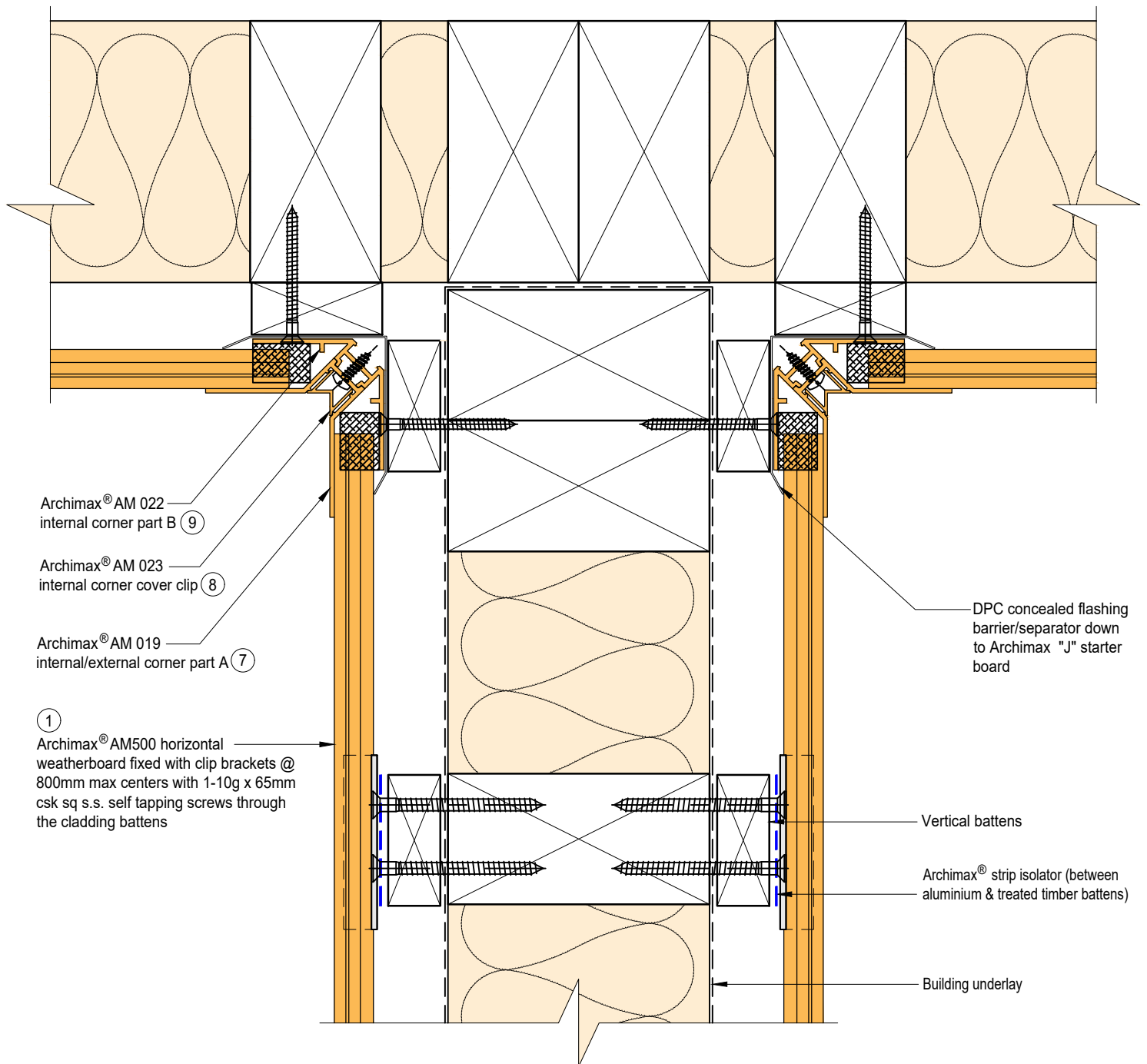


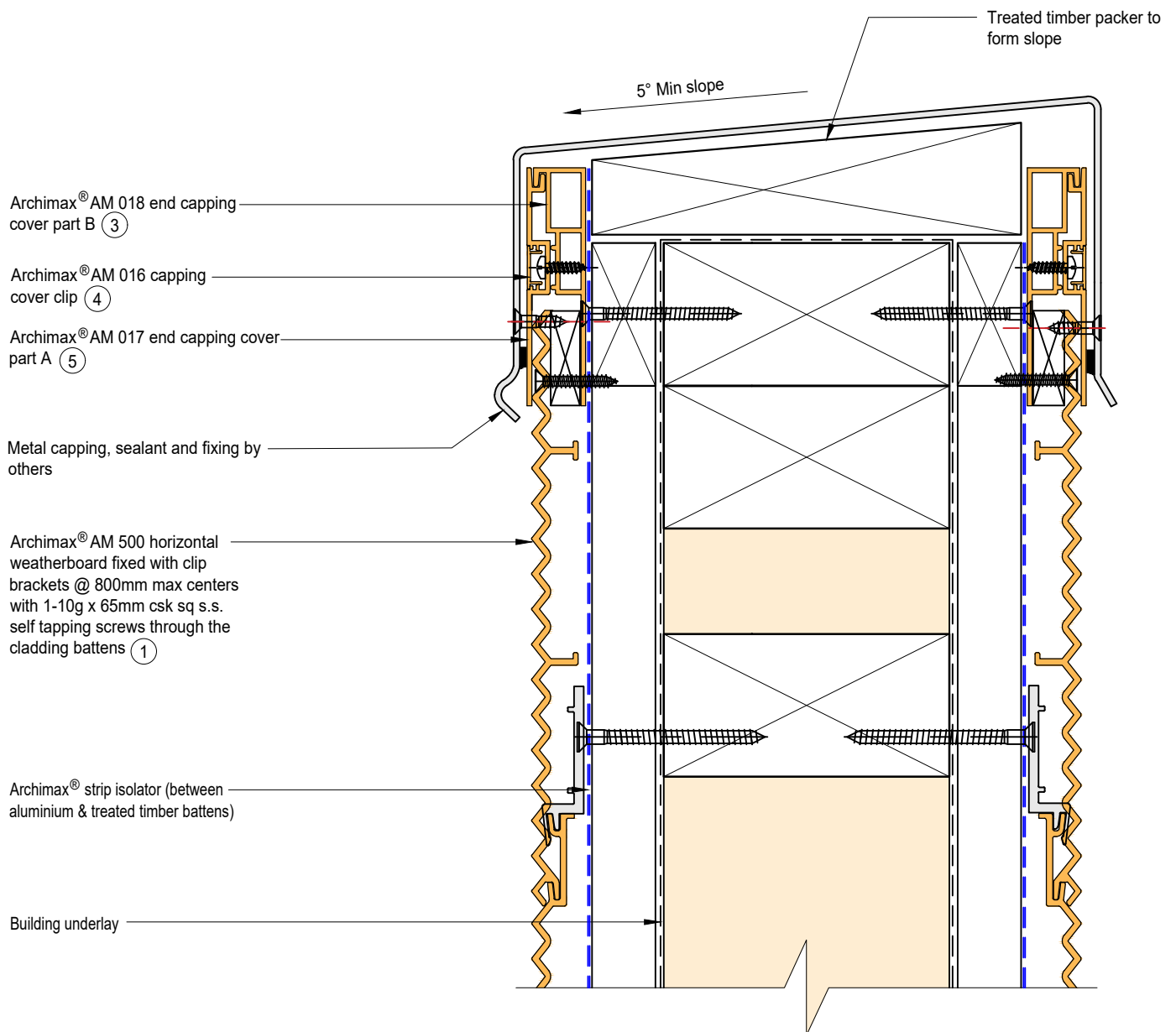


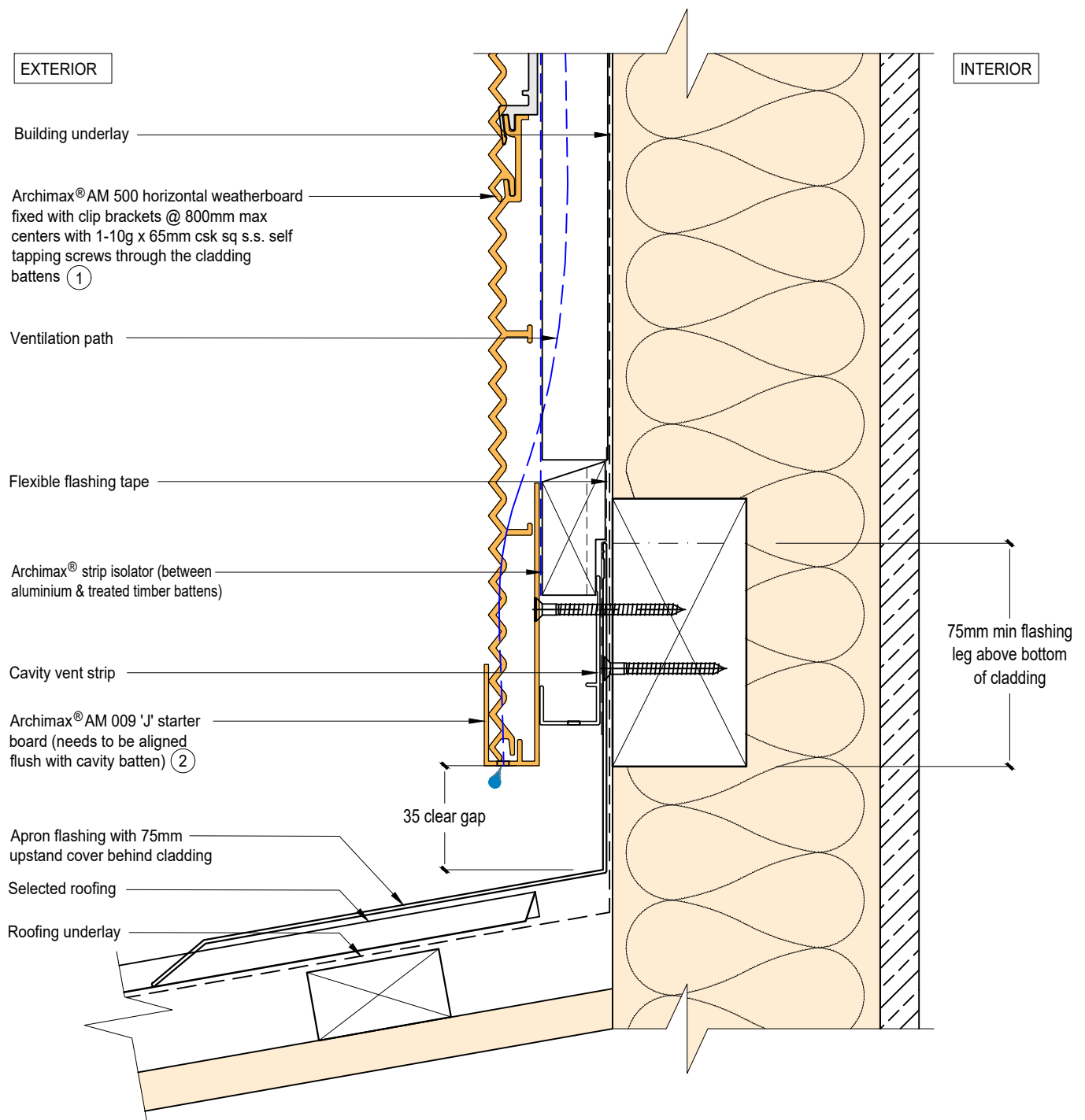
NOTE:

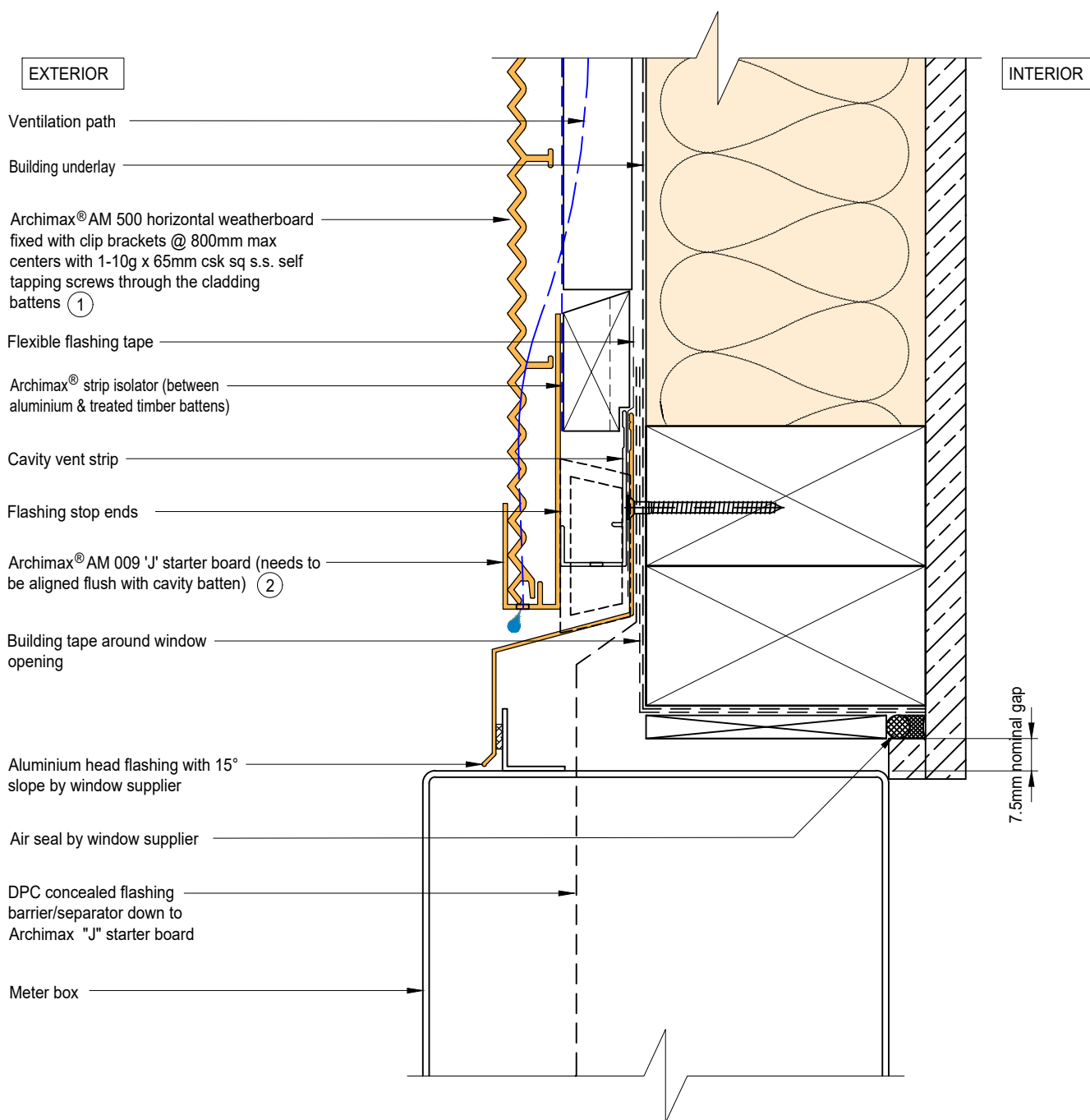
1. For horizontal cladding more than 4 meters, secure 1 screw at the top for every meter of width. If it exceeds 6 meters, fix at both top and middle with one screw each.





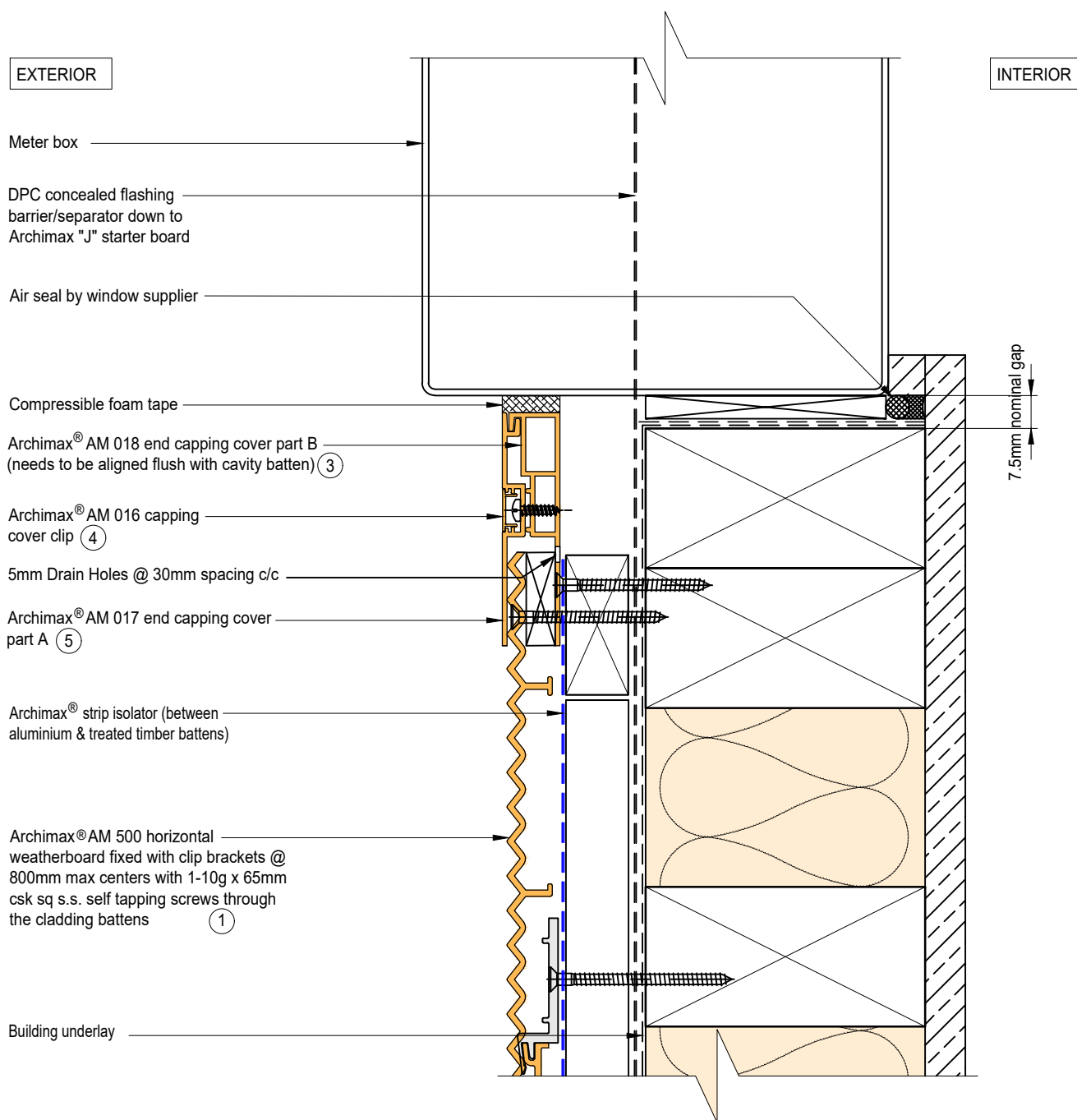




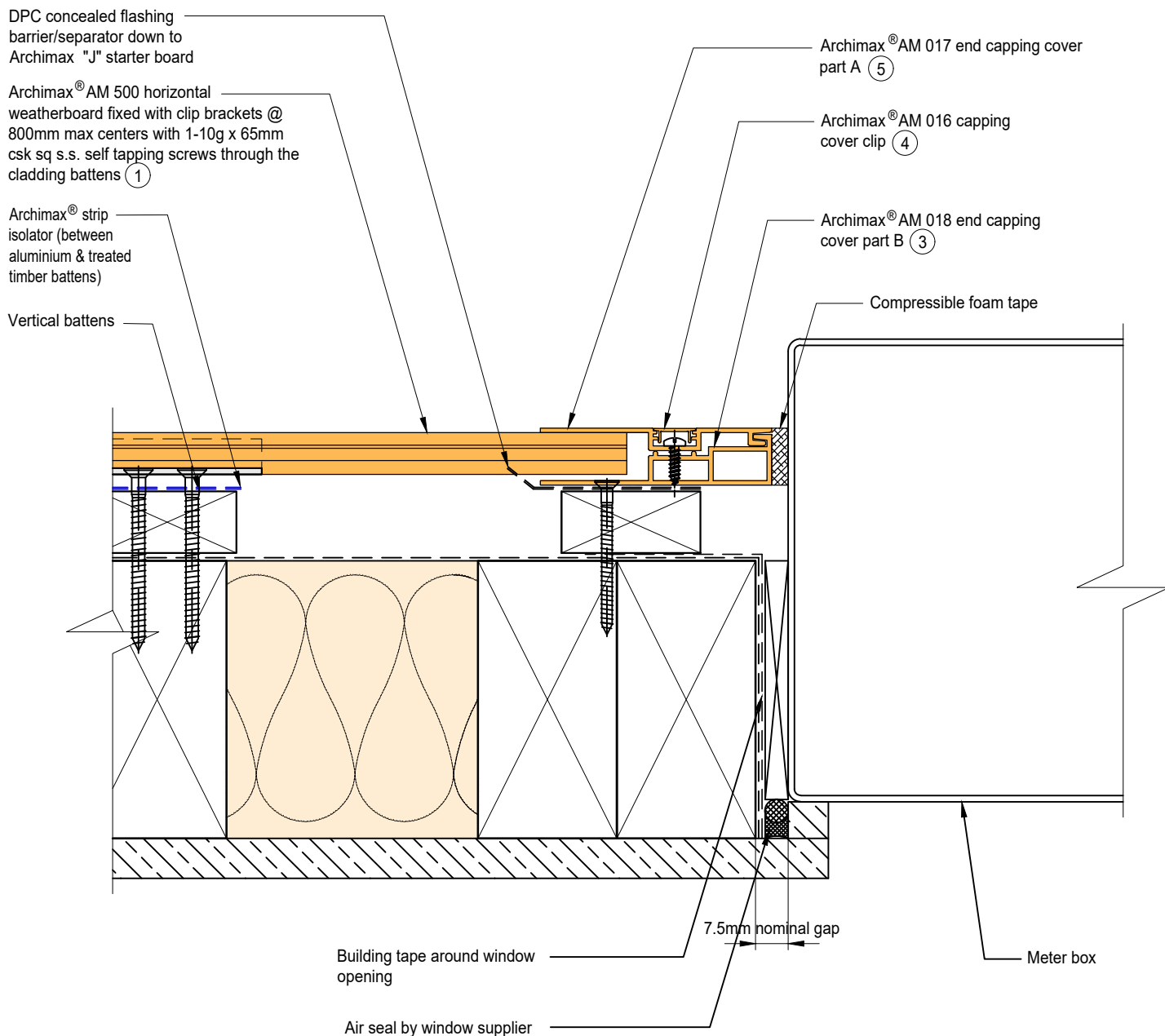


NOTE:  
STOP ENDS TO BE INSTALLED AT FLASHING ENDS

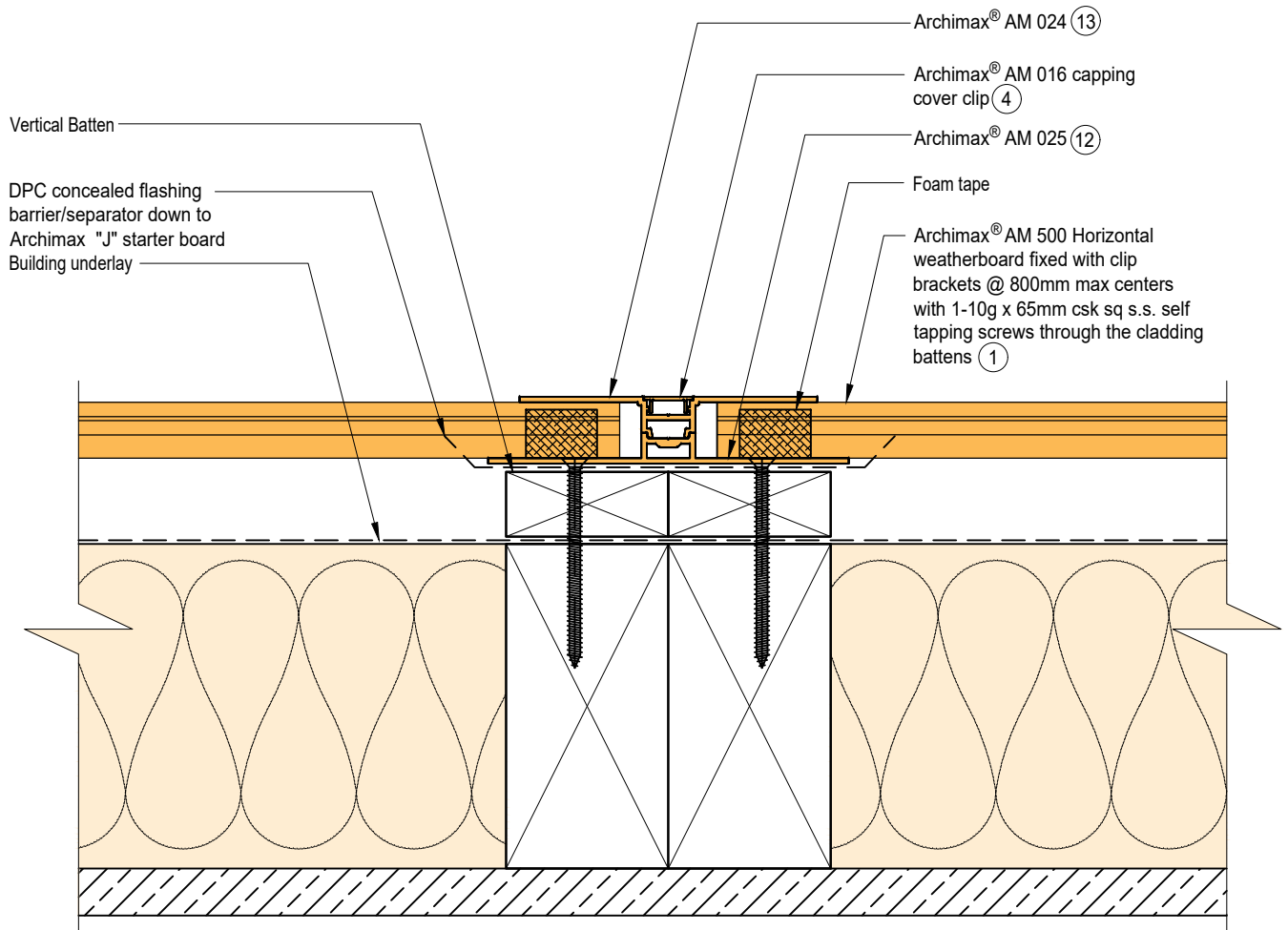







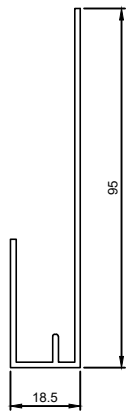
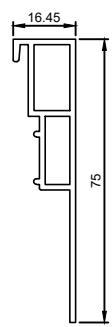
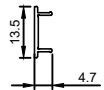
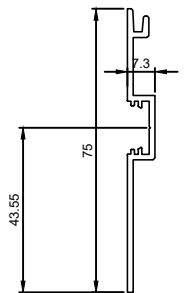
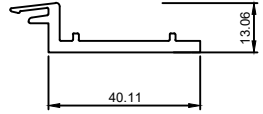
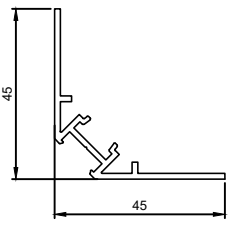

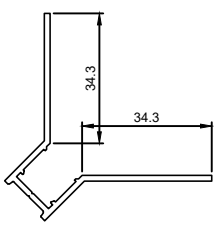

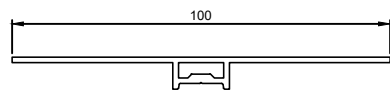
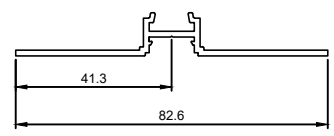


EXTERIOR



INTERIOR



				
AM 500 Archimax Horizontal/Vertical Weatherboard				
				
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
				
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
				
AM 025 Jointer part A	AM 024 Jointer part B			