

VERTICAL WEATHERBOARD CAVITY SYSTEM

REV: 11 2024

V00: <u>Wall Batten Elevation</u>	V13: <u>Head – Jamb Iso</u>
V01: <u>External Corner on Cavity</u>	V14: <u>Head – Jamb Notching Details</u>
V02: <u>Internal Corner on Cavity</u>	V15: <u>Meter Box Head on Cavity</u>
V03: <u>90 Deg Corner Cap</u>	V16: <u>Meter Box Jamb on Cavity</u>
V04: <u>Vertical Wall Starter</u>	V17: <u>Meter Box Sill on Cavity</u>
V05: <u>No Soffit Detail on Cavity</u>	V18: <u>Pipe Penetrations on Cavity</u>
V06: <u>Soffit Detail on Cavity</u>	V19: <u>Roof – Wall Junction on Cavity</u>
V07: <u>Timber Floor on Cavity</u>	V20: <u>Gutter Wall Junction on Cavity</u>
V08: <u>Window Head on Cavity</u>	V21: <u>Parapet on Cavity</u>
V09: <u>Window Jam on Cavity</u>	V22: <u>Deck Junction on Cavity</u>
V10: <u>Window Sill on Cavity</u>	V23: <u>Inter – Storey Junction on Cavity</u>
V11: <u>Sill – Jamb on Cavity</u>	V24: <u>Accessories</u>
V12: <u>Head Flashing / Head Starter / Jamb Iso</u>	V25: <u>Profiles</u>

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VER

Vertical Weatherboard Cavity System

Building Systems

REVISION:

11

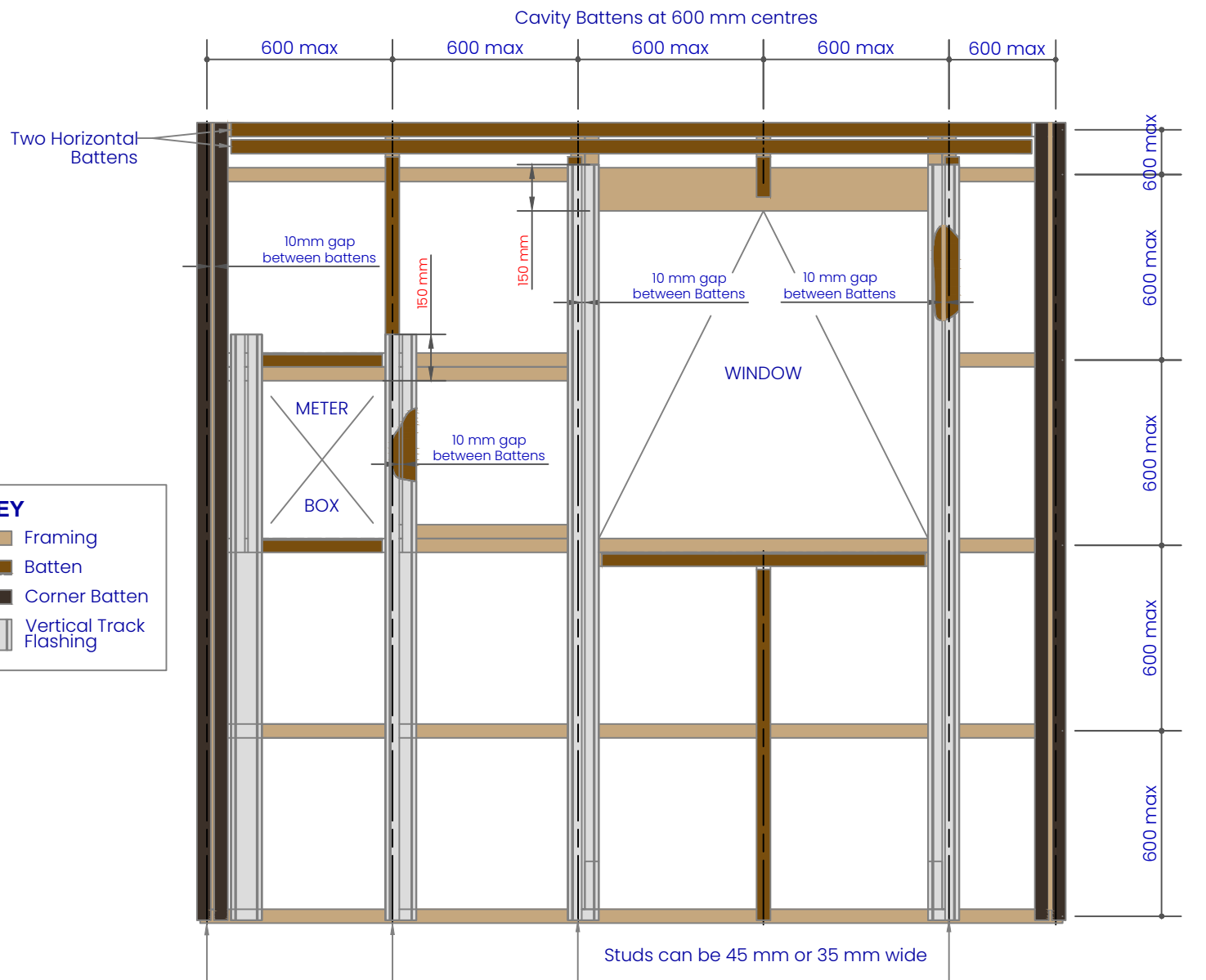
SCALE:

1 : 2 (@A4)

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2024

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Batten options

Impervious barrier (MDPE) or similar tape between cladding and batten.

To comply with NZBC E2/AS1 - Table 23.

Note:

Some machining of battens may be required to avoid "build up". i.e. back flashings / tapes

Cavity plastic Batten

Note: packing/shims may be needed to ensure boards are fitted flat without distortion.

* Additional timber may be required at soffit to support UA 5831 Soffit Base.

Note: Important

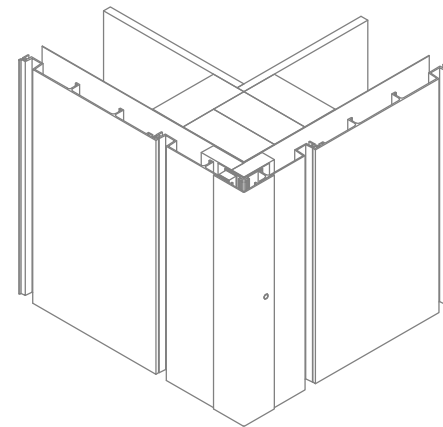
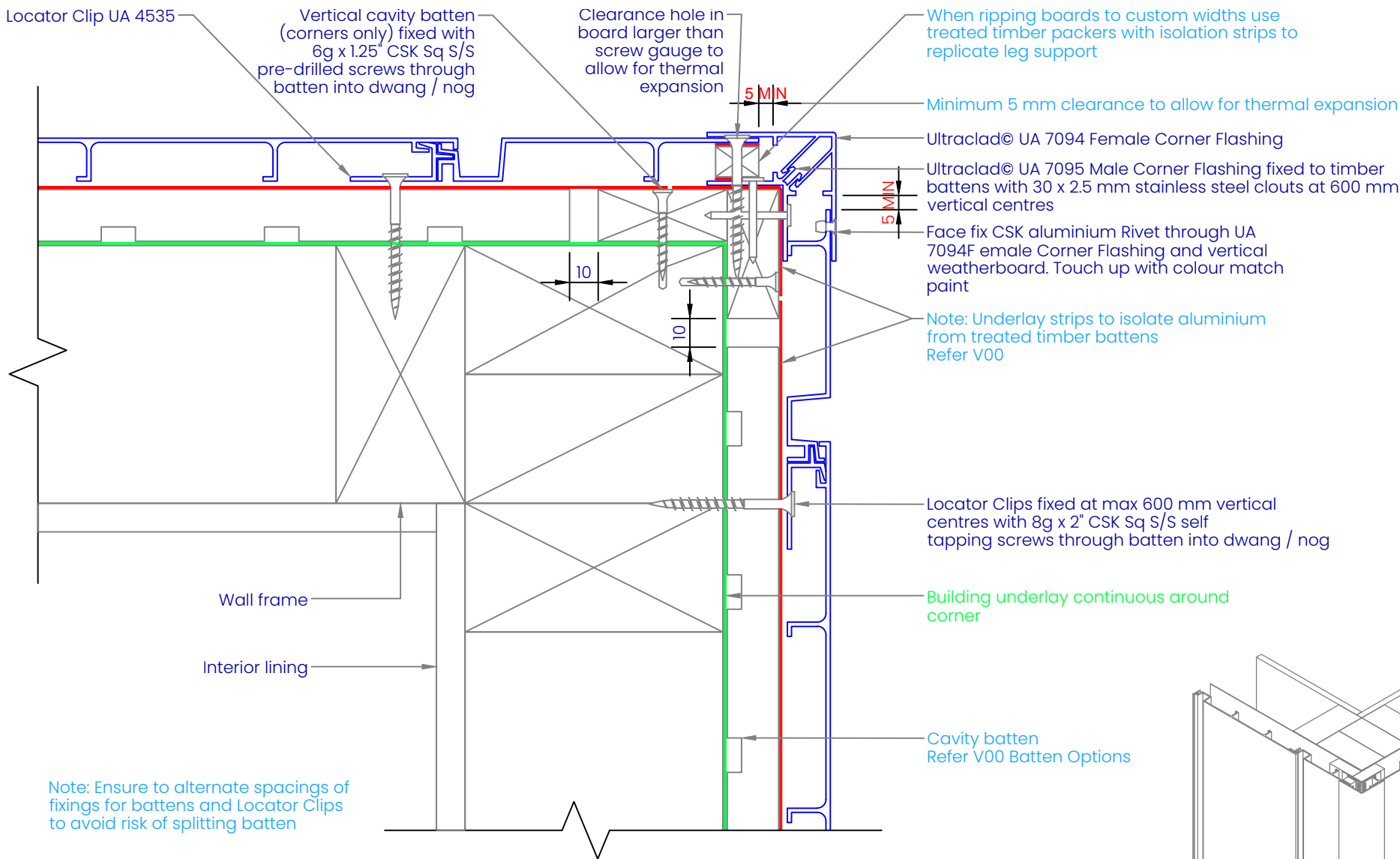
Underlay strips to isolate aluminium from treated timber battens 50 mm wide medium density polyethylene (MDPE)

To comply with NZBC E2/AS1 - Table 23. Properties of roofing underlays and wall underlays, separates aluminium components and accessories from timber battens treated with copper-based treatments

Cavity closers required as per NZBC E2/AS1 (section 9.1.8)

Vertical Cavity Corner Batten
50 x 25 mm H3.1 treated Radiata.
Cavity battens fixed with 6g x 1.25" CSK Sq S/S pre-drilled screws through batten into stud

0.9 x 90 mm Aluminium Track Flashing.
Alternatively use Dynex Dynaflash.



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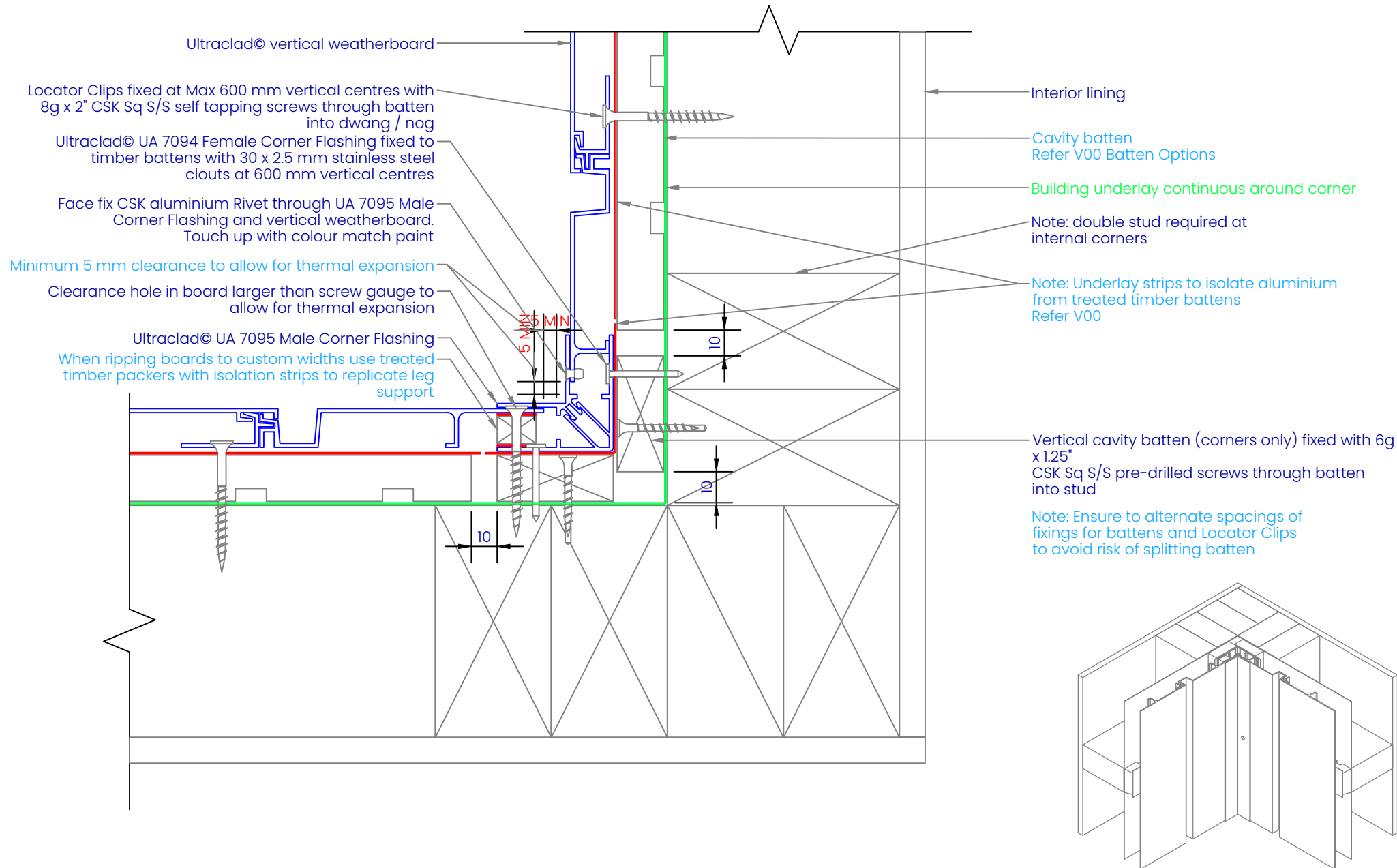
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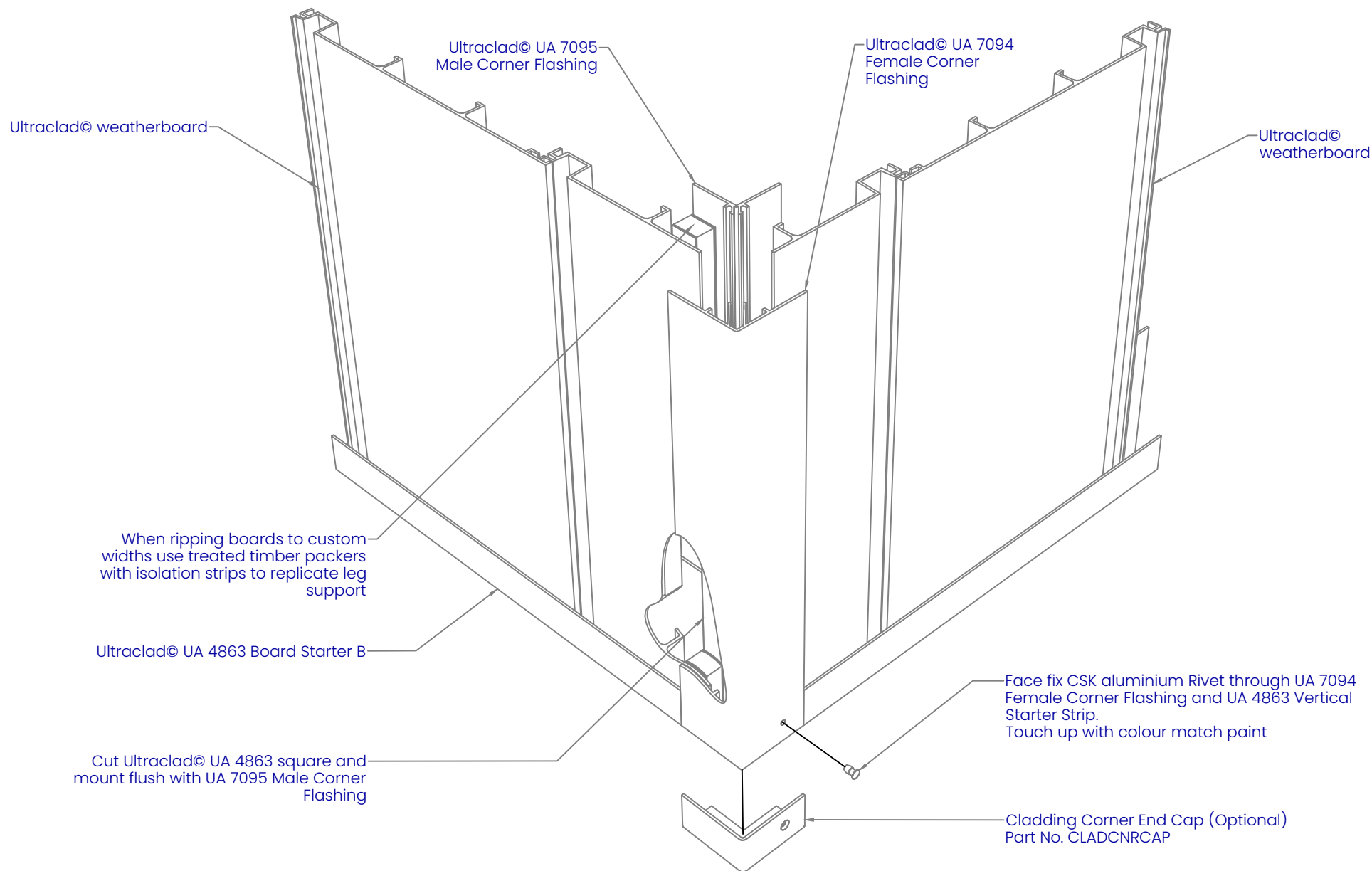
V01

EXTERNAL CORNER ON CAVITY

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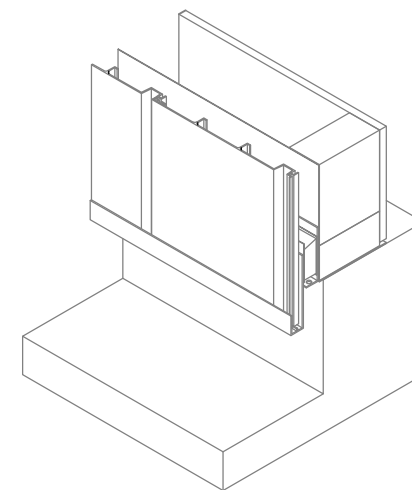
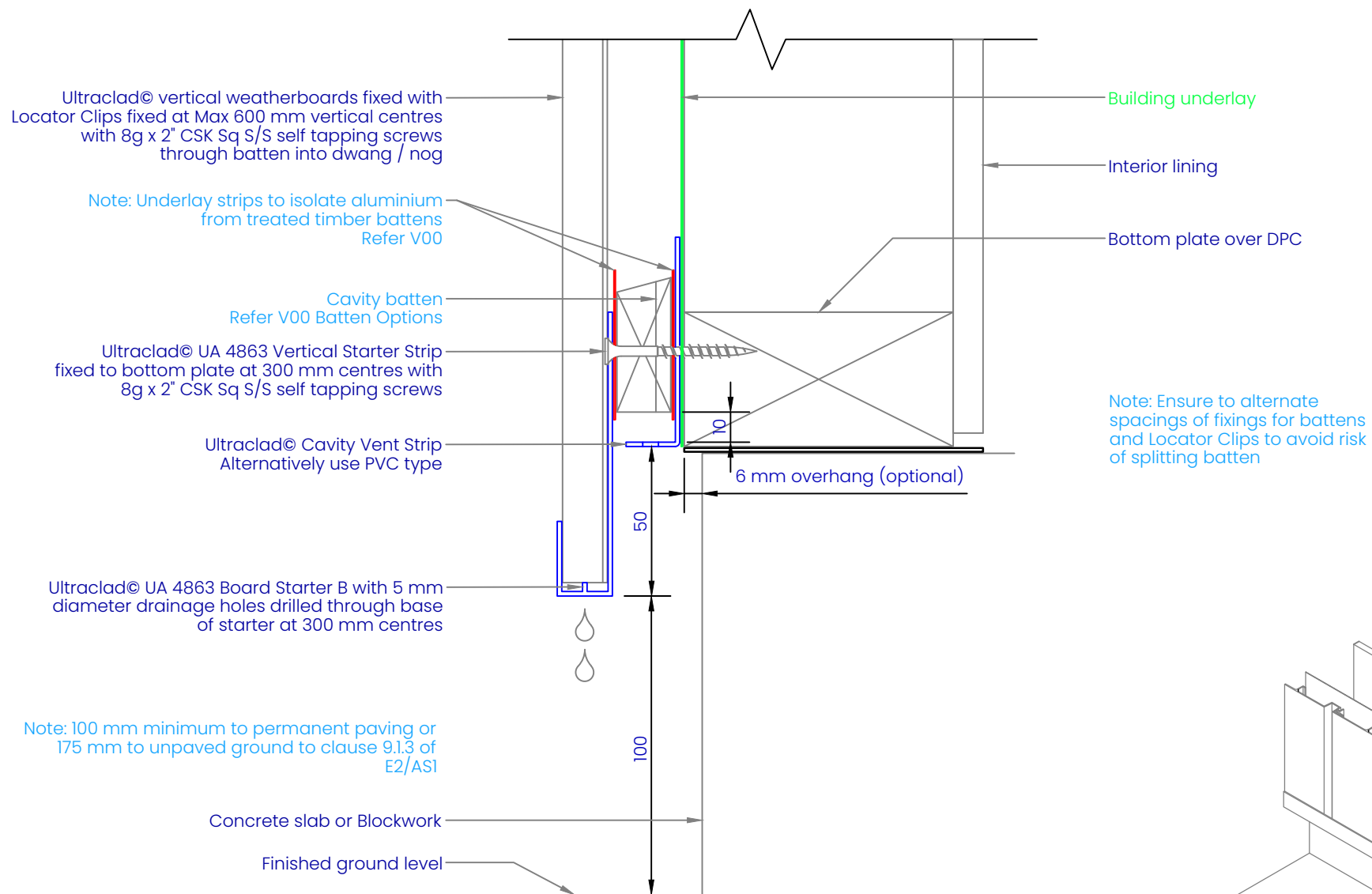
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V03

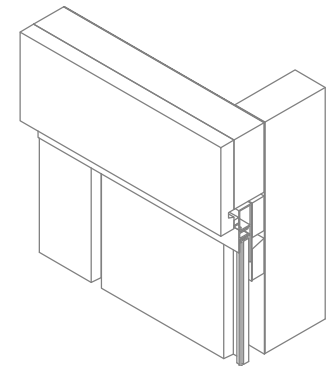
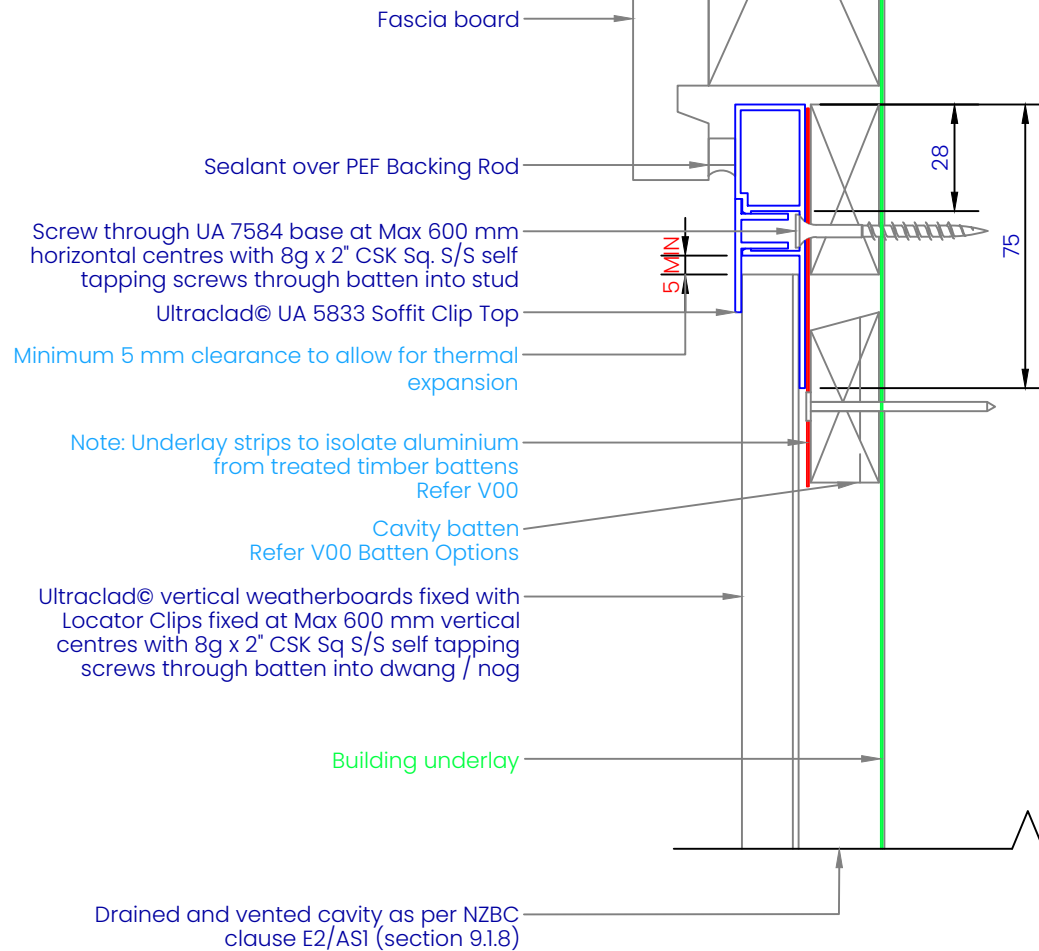
90 DEG CORNER CAP

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Note: Ensure to alternate spacings of fixings for battens and Locator Clips to avoid risk of splitting batten



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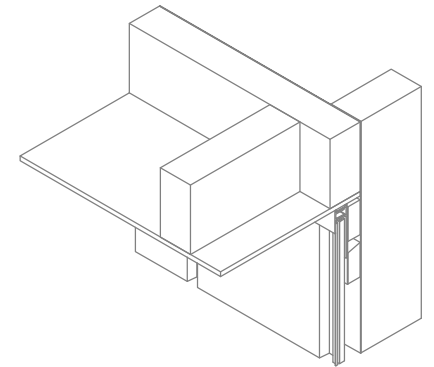
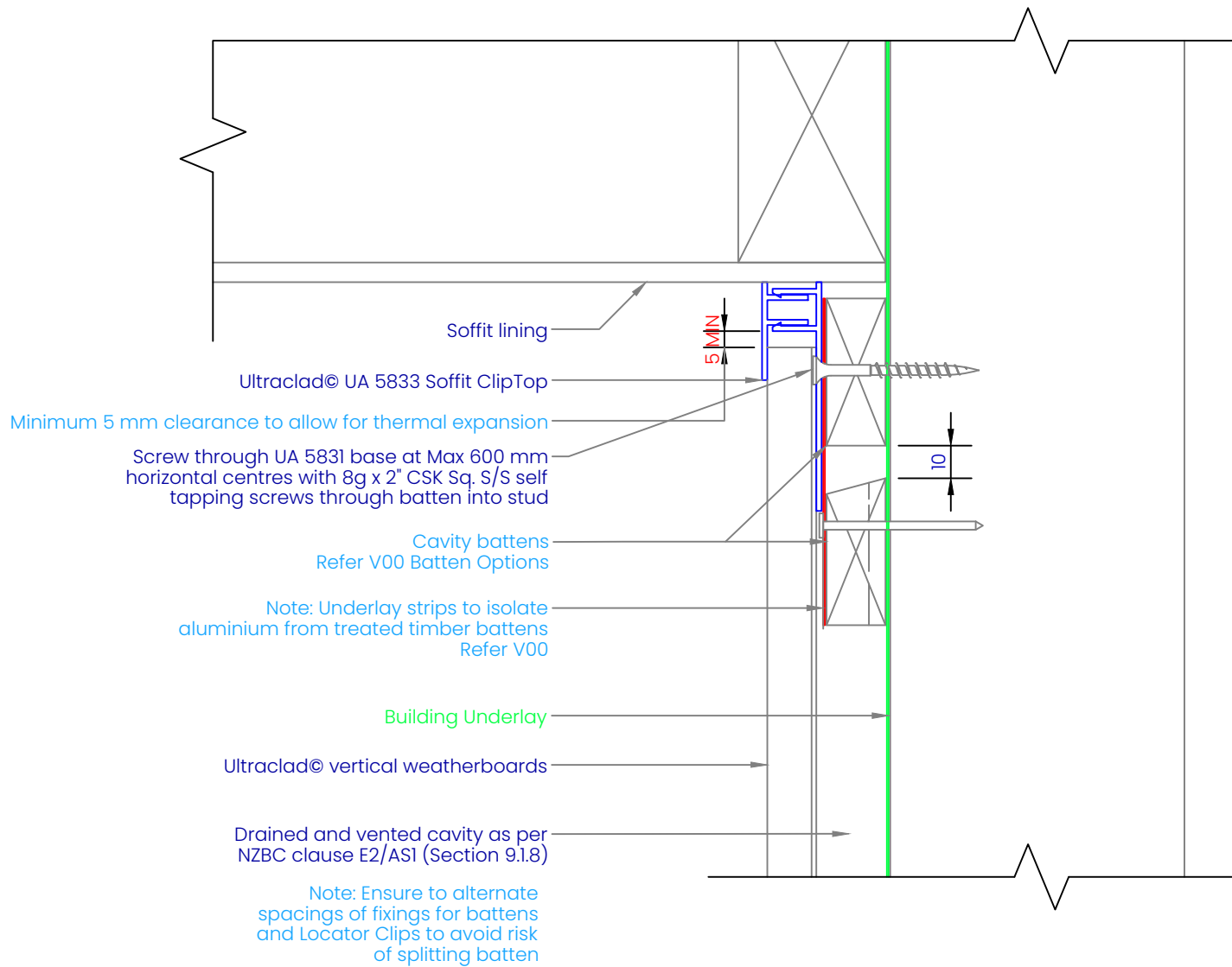
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V05

NO SOFFIT DETAIL ON CAVITY

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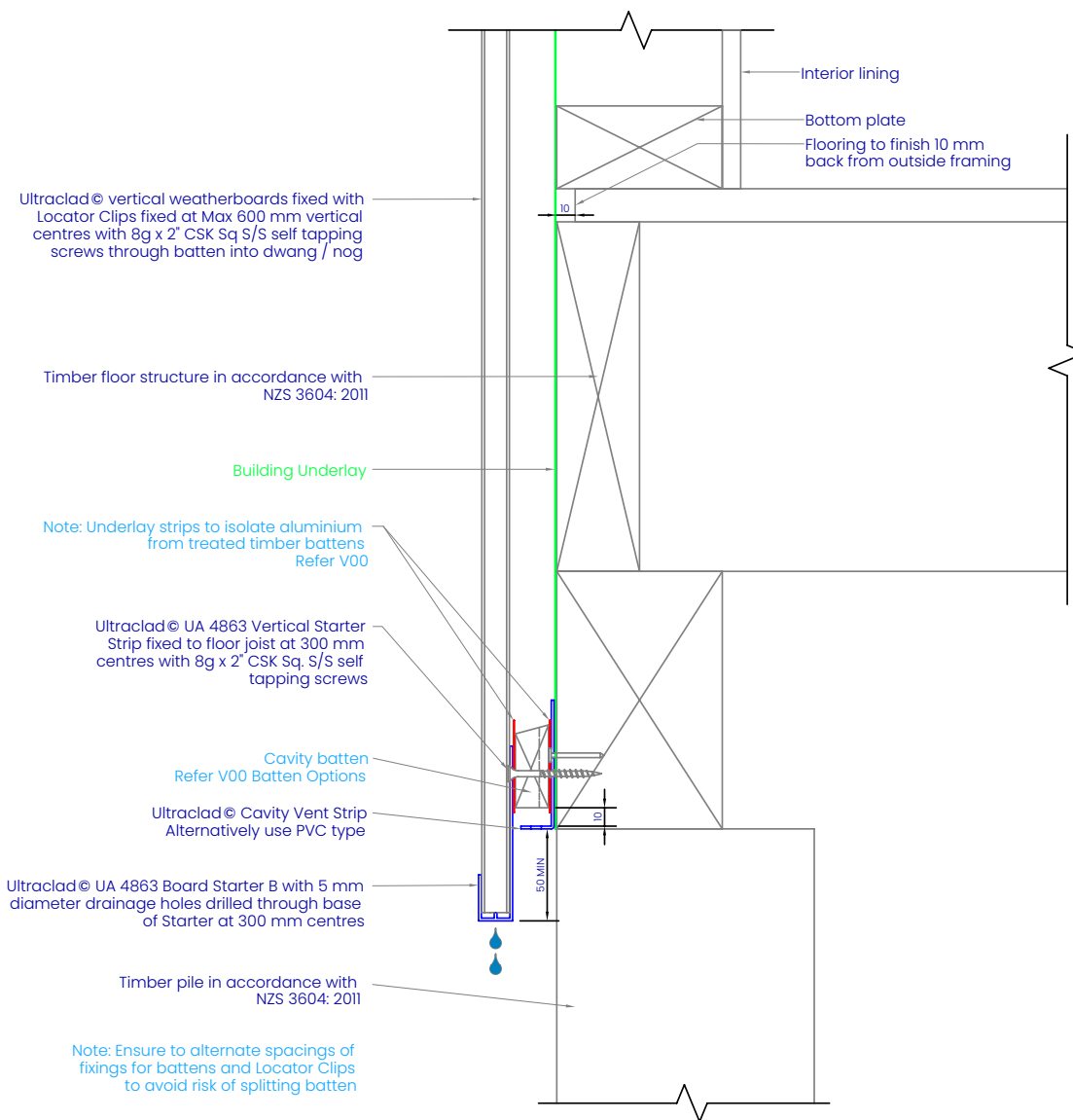
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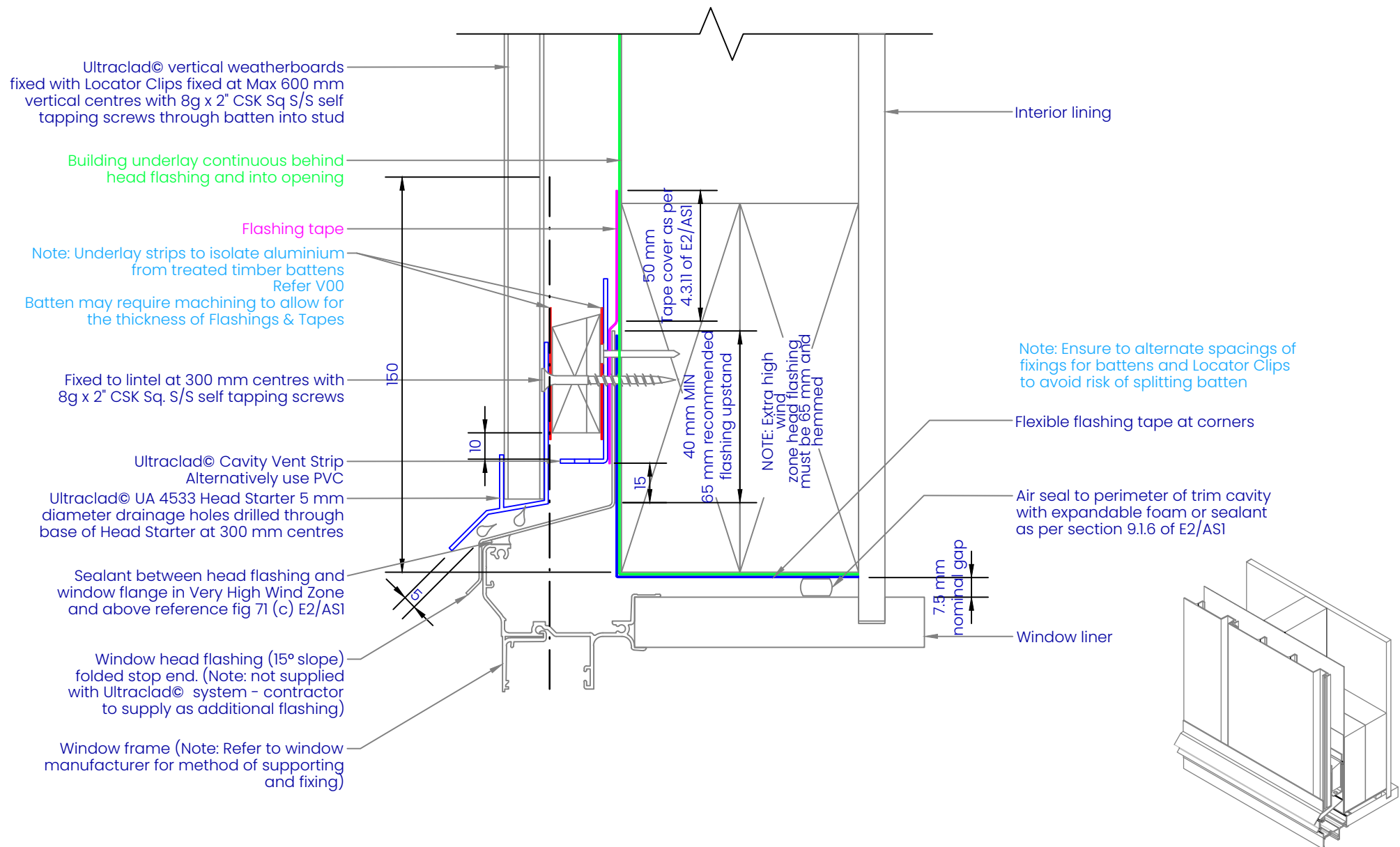
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V06 SOFFIT DETAIL ON CAVITY

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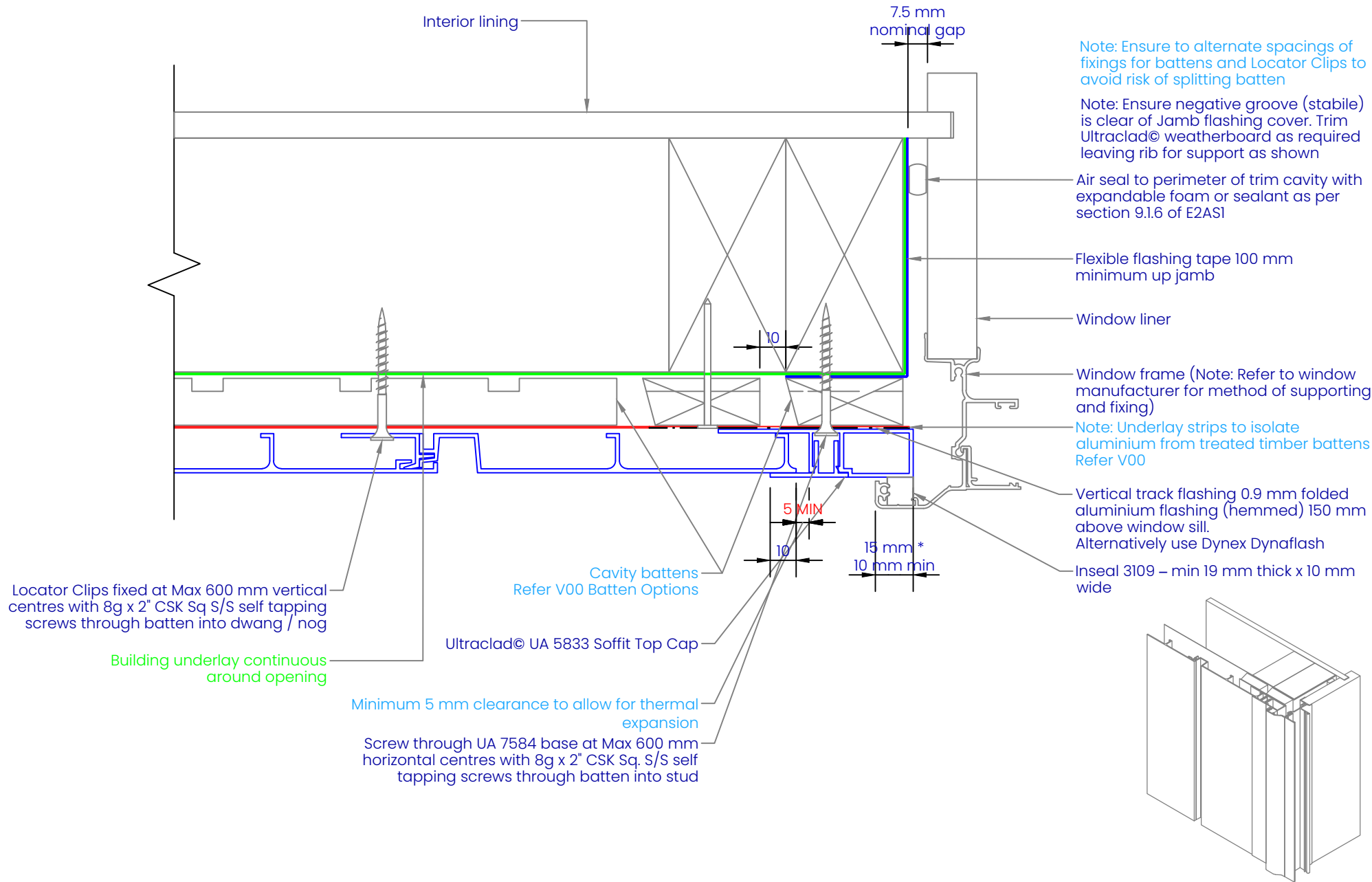
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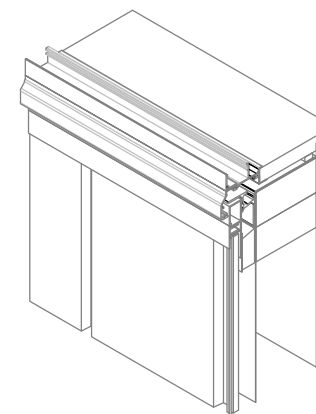
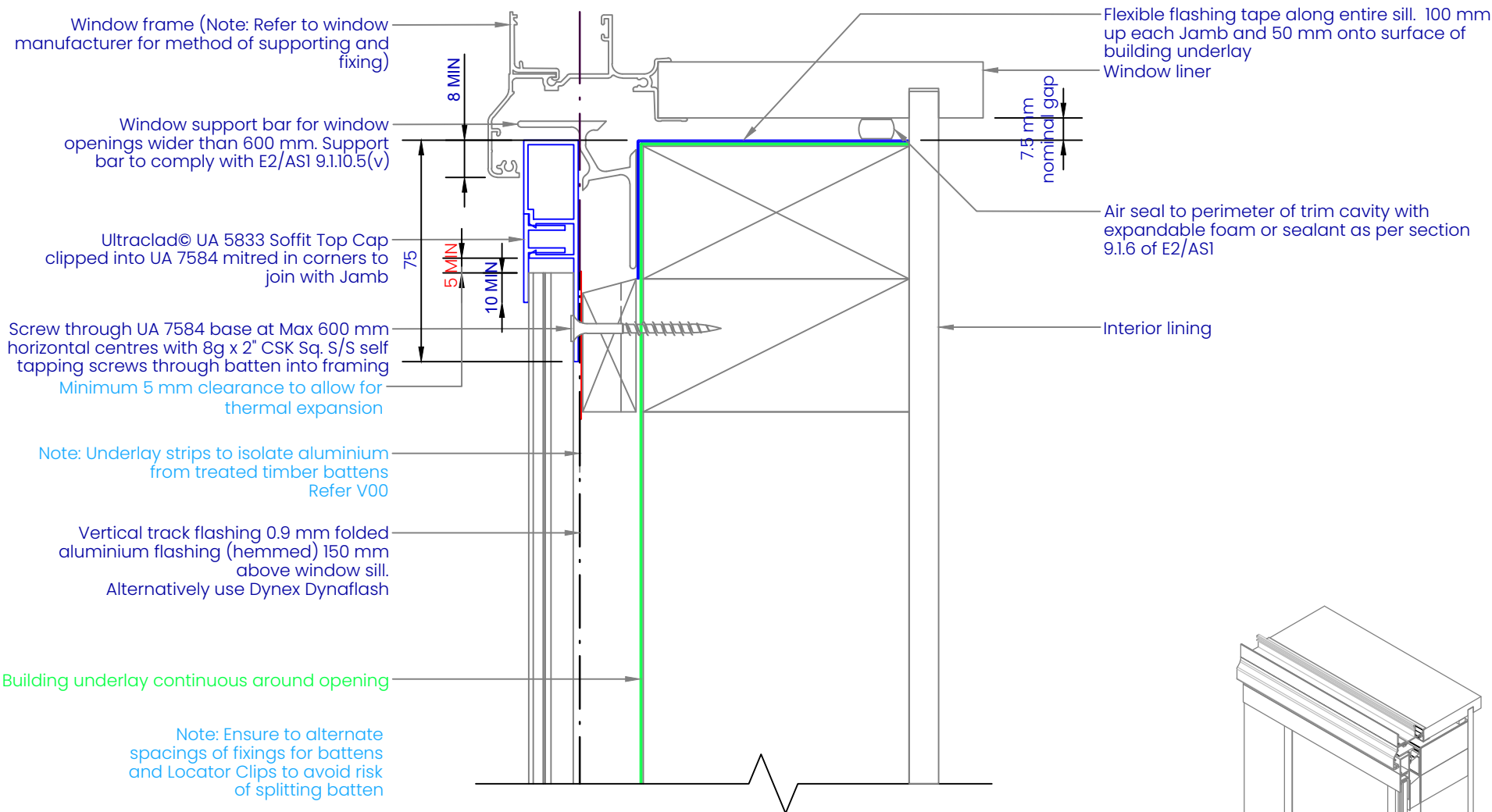
V08

WINDOW HEAD ON CAVITY

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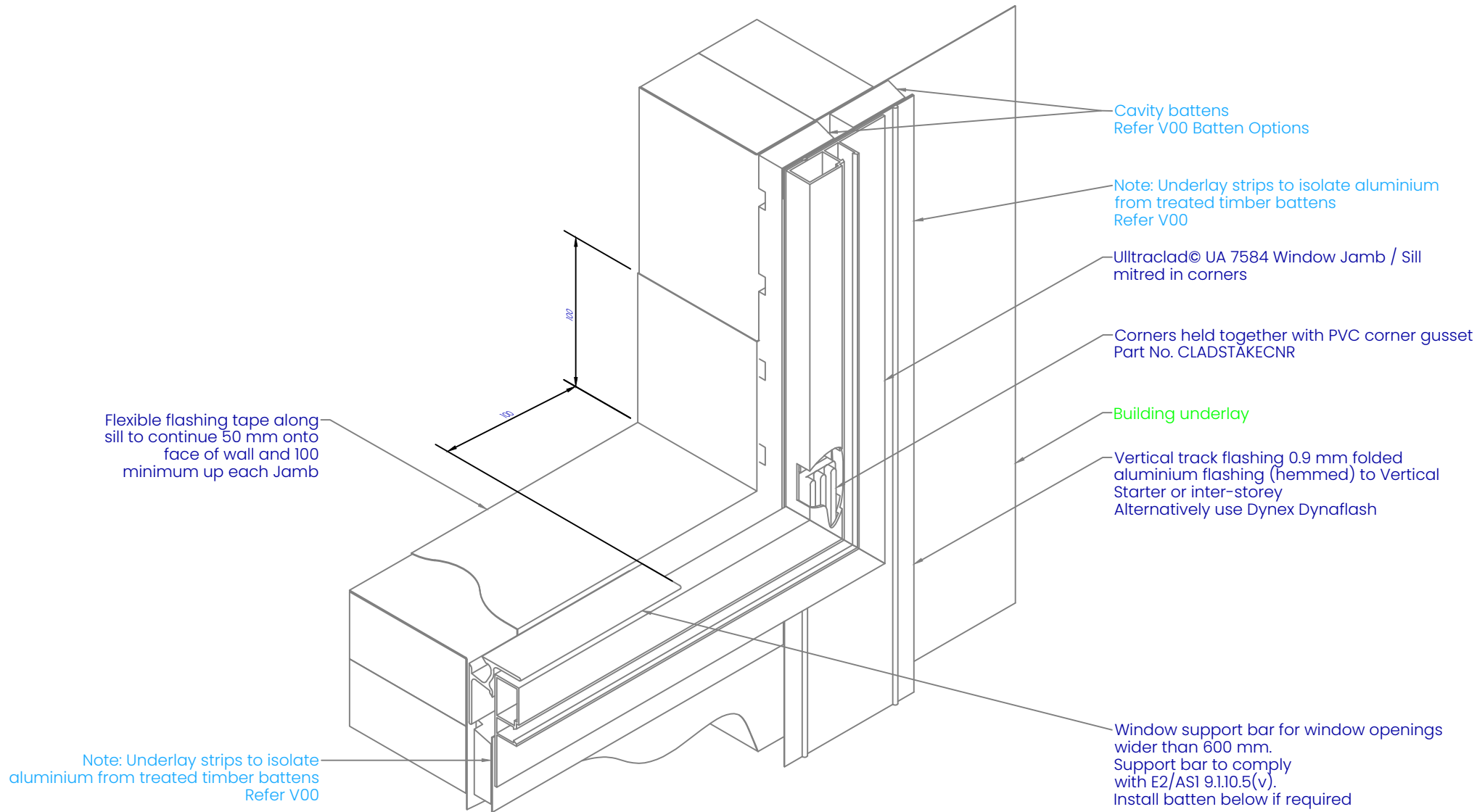
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V10 WINDOW SILL ON CAVITY

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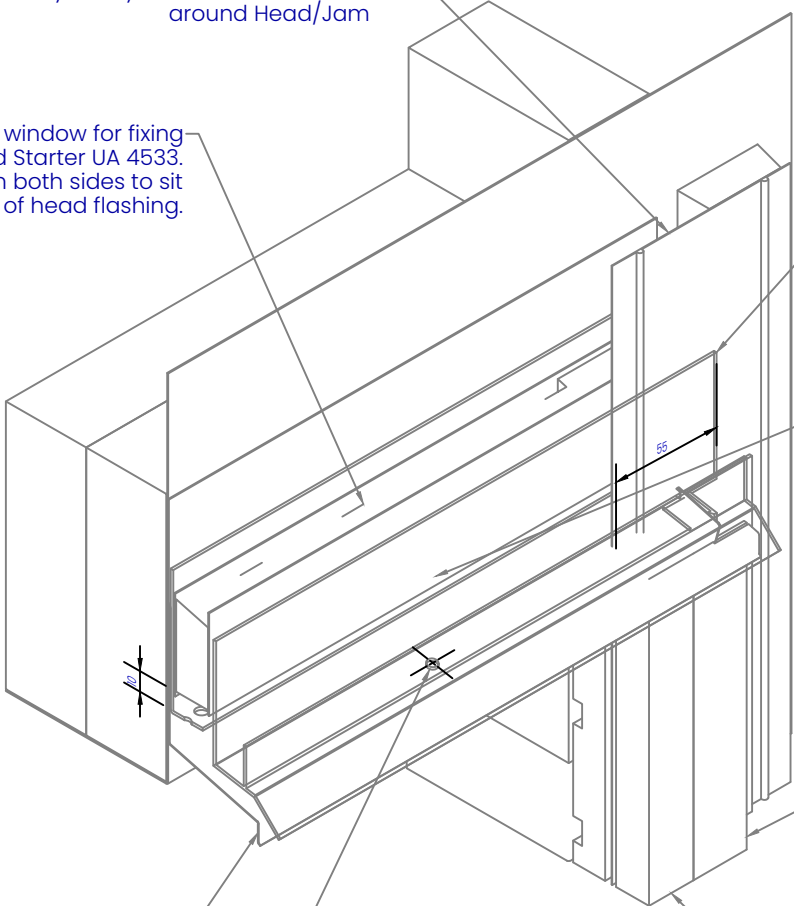
V11 SILL-JAMB ON CAVITY

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Vertical track flashing 0.9 mm folded aluminium flashing (hemmed) to 150 mm above window head.
Alternatively use Dynex Dynafash - Trimmed to fit around Head/Jam

Battens above window for fixing window head Starter UA 4533.
Outer batten both sides to sit inside stopend of head flashing.



Ultraclad® UA 4533 Head Starter

Ultraclad® Cavity Vent Strip
Alternatively use PVC

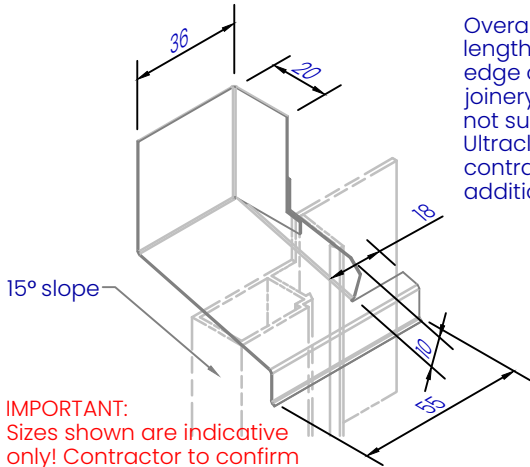
Ultraclad® UA 5833 Soffit Clip Top

Ultraclad® UA 7584 Jamb Flashing

Window Head Flashing (15° slope) folded stop end. (Note: not supplied with Ultraclad® system - contractor to supply as additional flashing)

Ultraclad® UA 4533 Head Starter 5 mm diameter drainage holes drilled through base of Head Starter at 300 mm centres

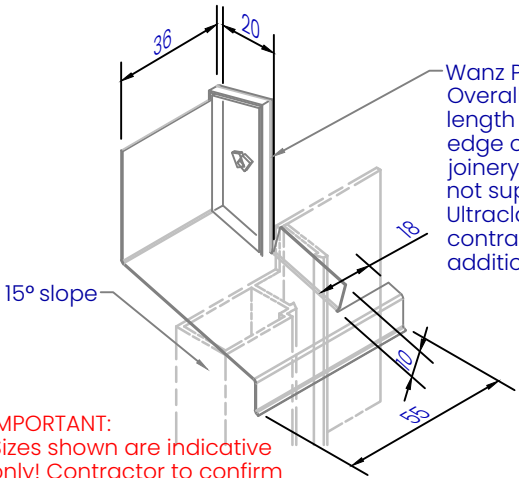
Window Head Flashing **Option 1**
Cut & Fold Stop End (1 : 2)



Overall Head Flashing length = +40 mm past edge of window and door joinery on each side. (Note: not supplied with Ultraclad® system - contractor to supply as additional flashing)

IMPORTANT:
Sizes shown are indicative only! Contractor to confirm onsite as joinery suites may vary

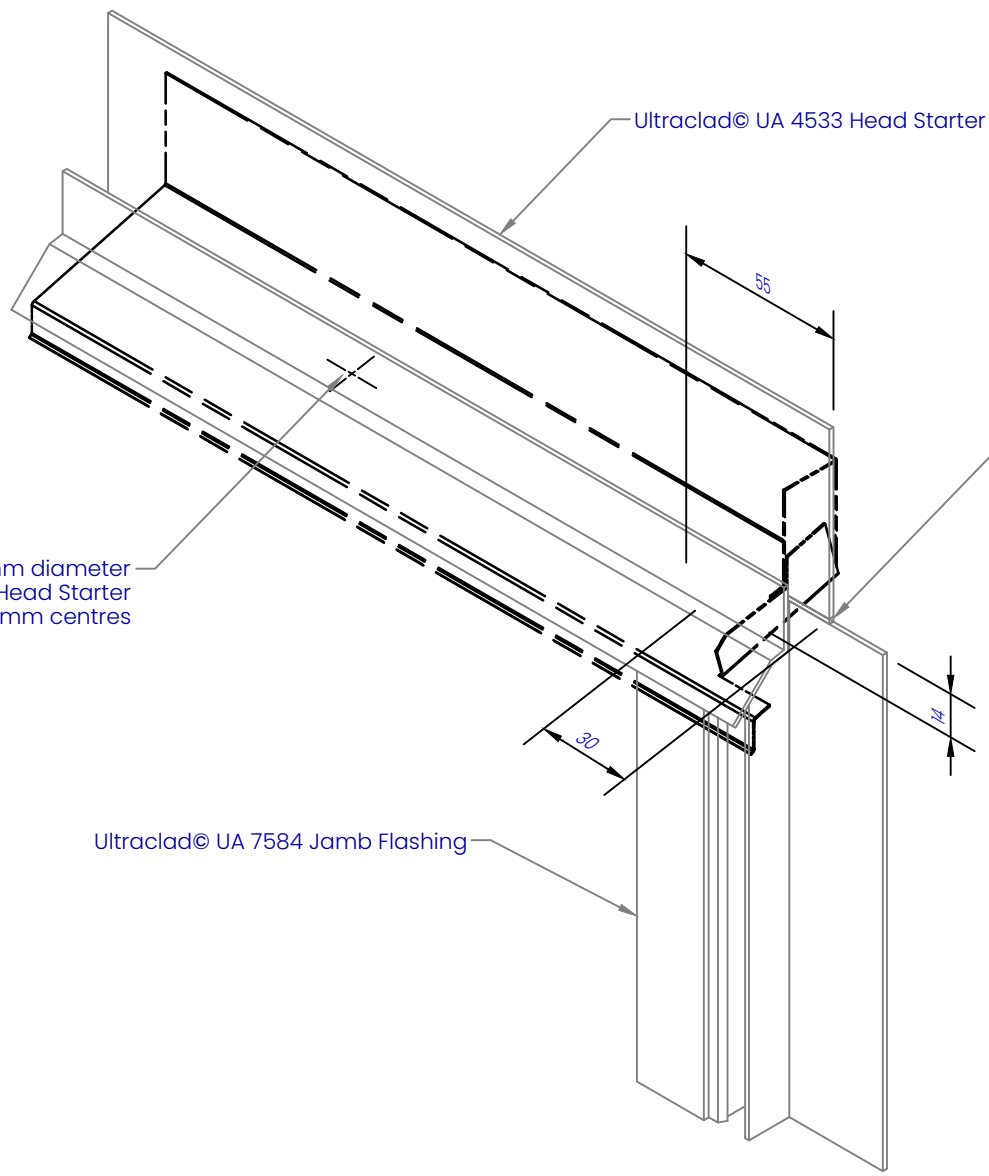
Window Head Flashing **Option 1**
Wanz Plastic Stop End Cap (1 : 2)



Wanz Plastic Stop End
Overall Head Flashing length = +40 mm past edge of window and door joinery on each side. (Note: not supplied with Ultraclad® system - contractor to supply as additional flashing)

IMPORTANT:
Sizes shown are indicative only! Contractor to confirm onsite as joinery suites may vary

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Applying sealant before fitting UA 4533
sealant at facade

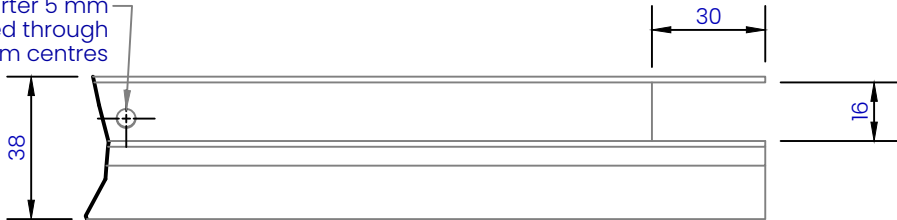
Note: Ultraclad® UA 4533 Head Starter to extend
40 mm past edge of window or door joinery.
Building underlay, flashing tape and UA 5833
omitted for clarity

Ultraclad® UA 4533 Head Starter 5 mm diameter
drainage holes drilled through base of Head Starter
at 300 mm centres

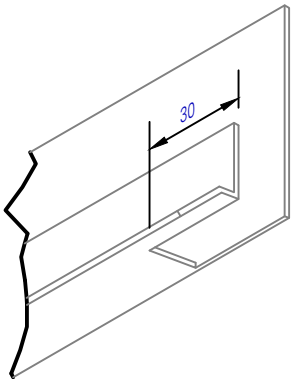
Ultraclad® UA 7584 Jamb Flashing

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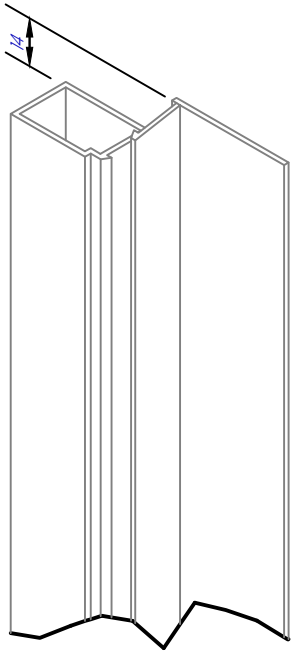
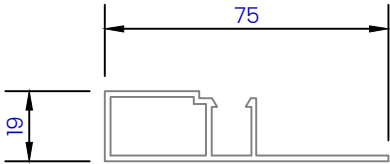
Ultraclad® UA 4533 Head Starter 5 mm diameter drainage holes drilled through base of Head Starter at 300 mm centres



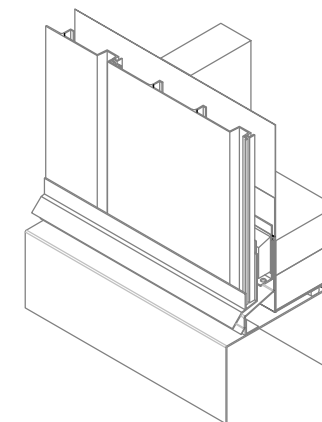
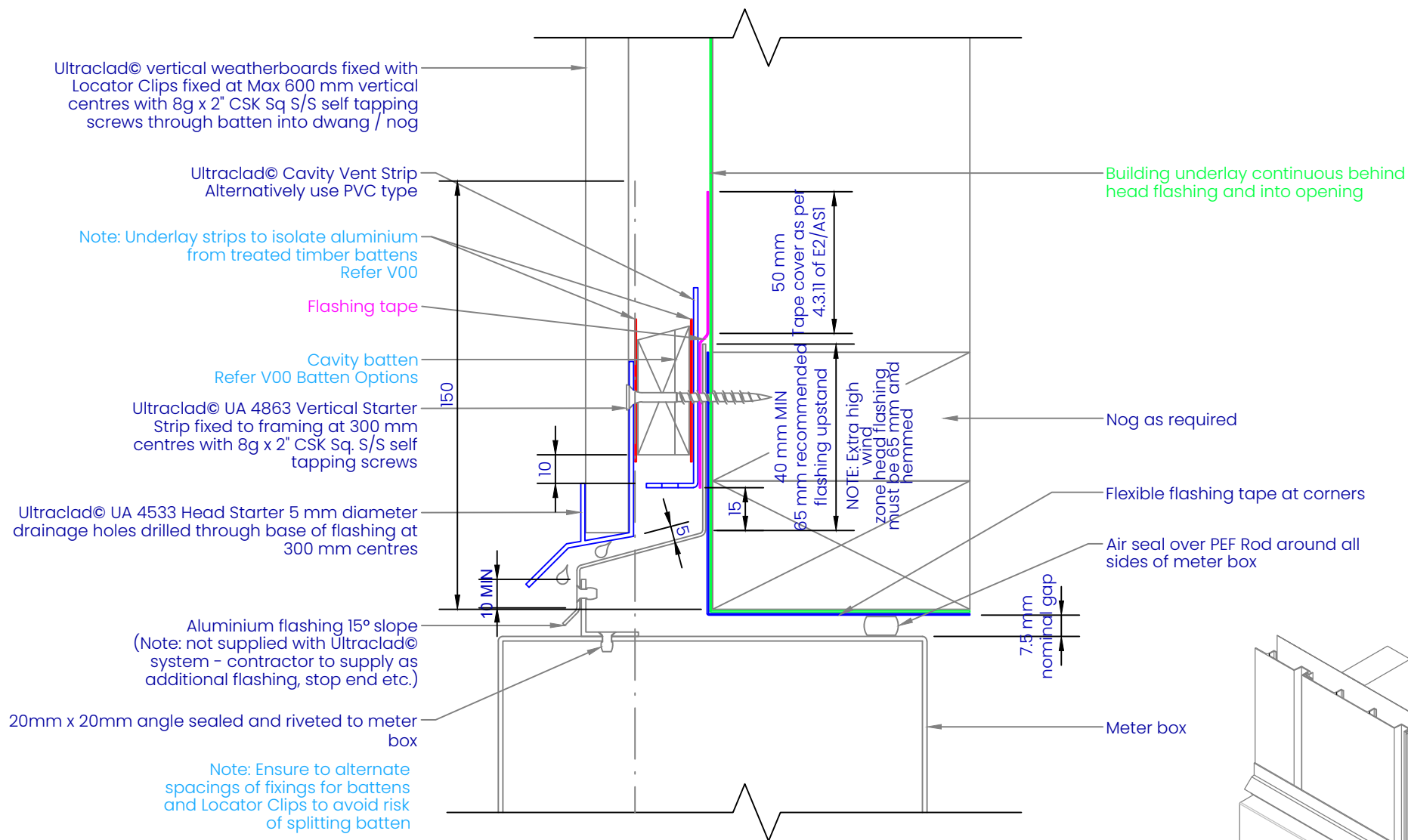
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Contractor to confirm onsite as
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Ultraclad® UA 7584
Jamb Flashing



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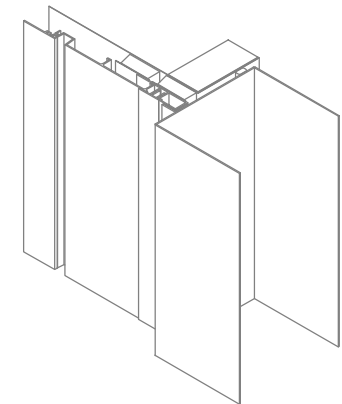
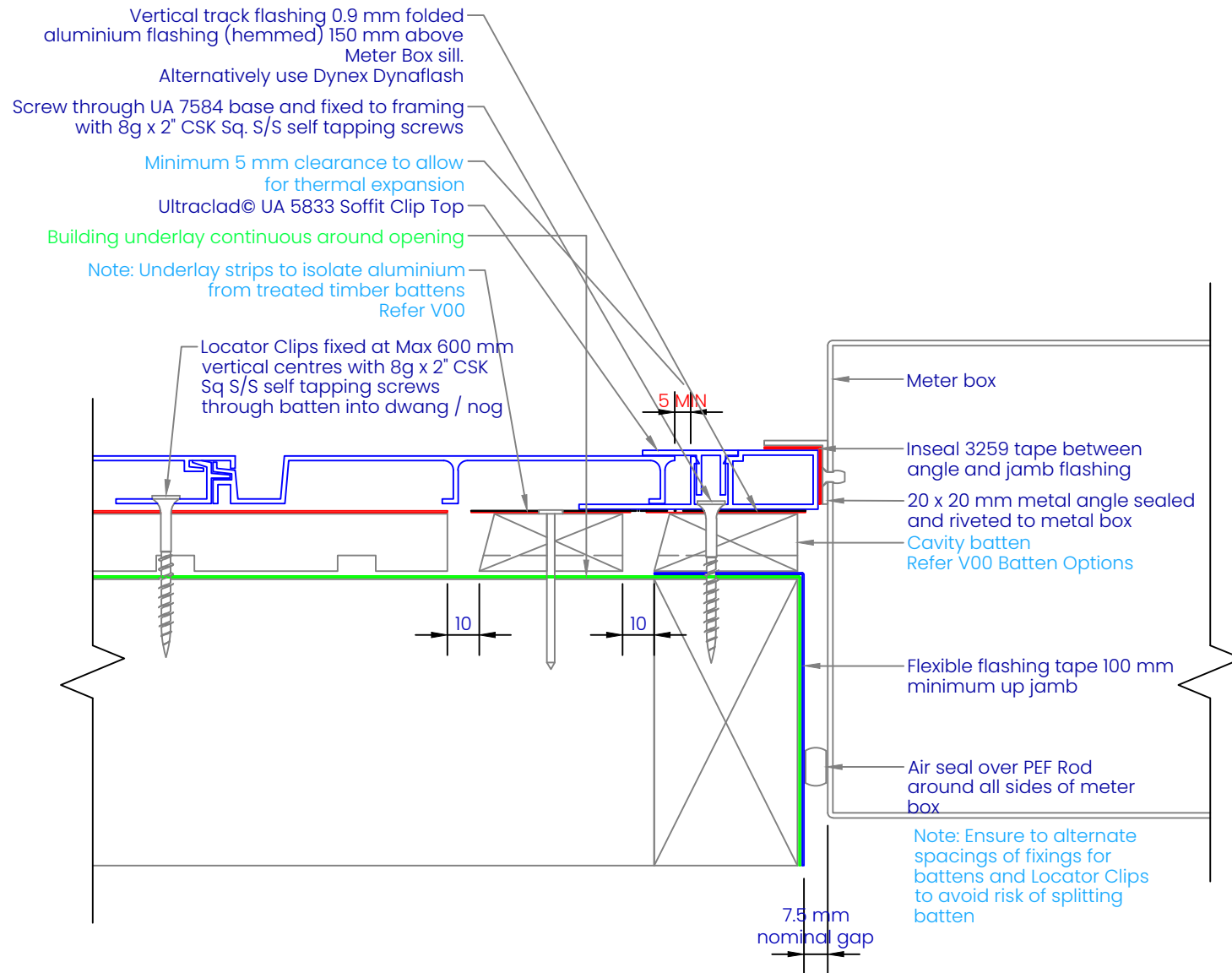
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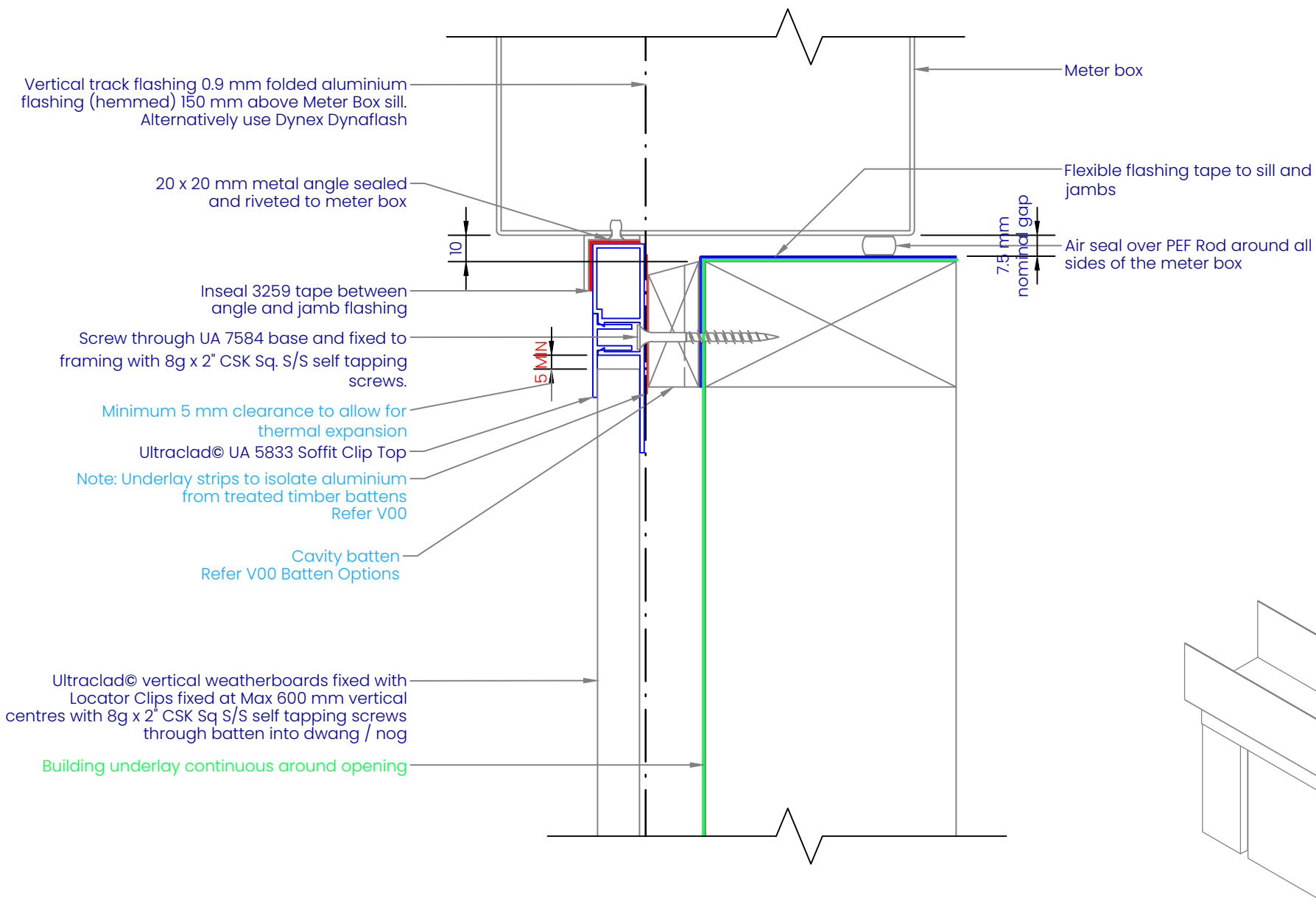
V15

METER BOX HEAD ON CAVITY

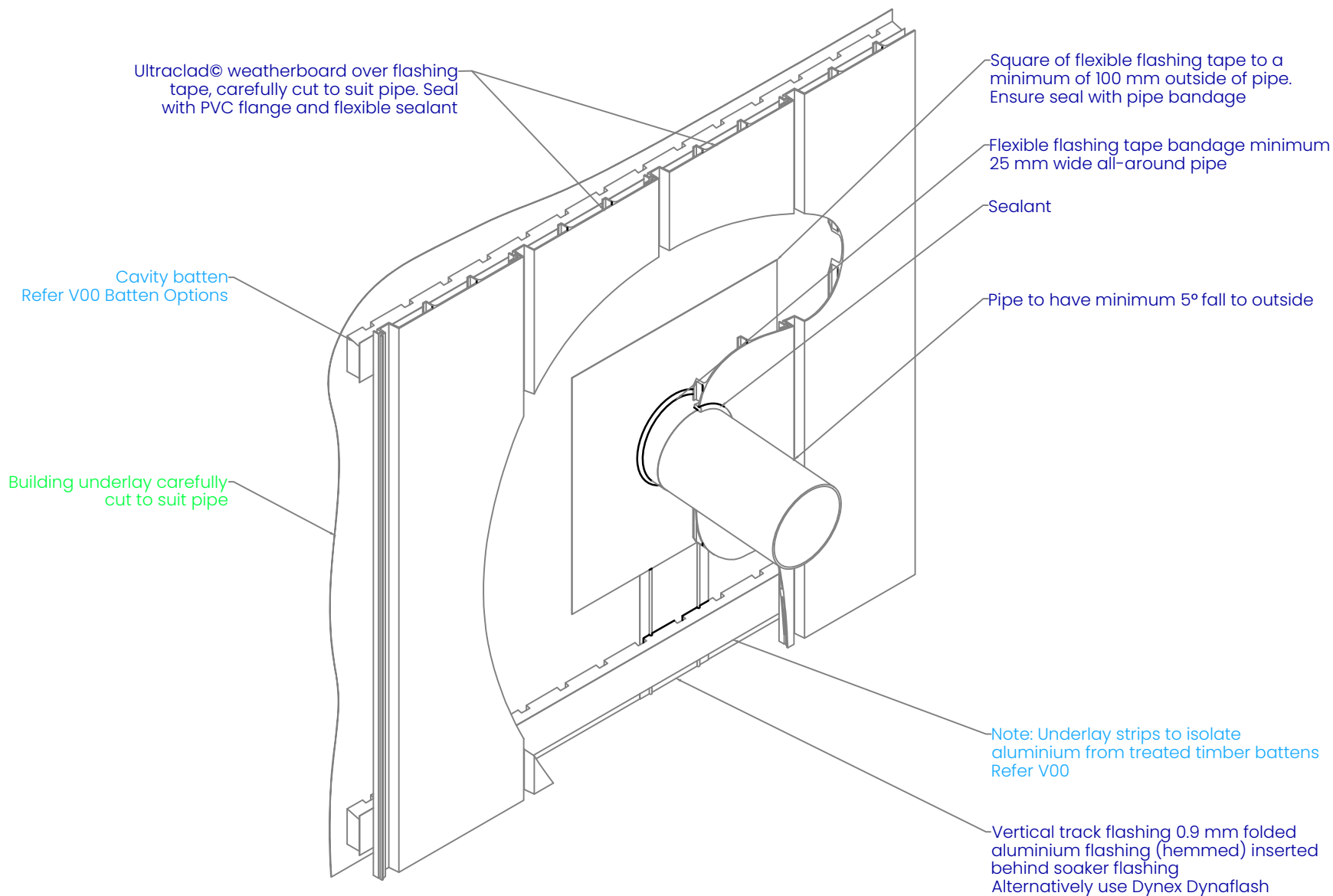
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Building underlay over Apron flashing

Ultraclad® vertical weatherboards fixed with Locator Clips fixed at Max 600 mm vertical centres with 8g x 2" CSK Sq S/S self tapping screws through batten into dwang / nog

Ultraclad® Cavity Vent Strip
Alternatively use PVC type

Note: Underlay strips to isolate aluminium from treated timber battens.
Refer V00

Cavity batten
Refer V00 Batten Options

Ultraclad® UA 4863 Board Starter B alternatively use UA 4862. 5 mm diameter drainage hole drilled through base of Vertical Starter at 300 mm centres

Apron flashing with 75 mm up stand cover behind cladding

Turn-down to suit roofing profile

Note: Ensure to alternate spacings of fixings for battens and Locator Clips to avoid risk of splitting batten

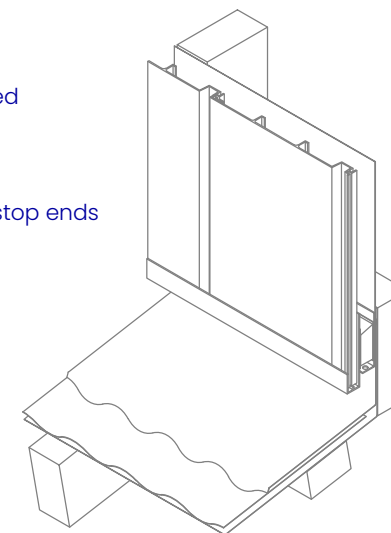
75 mm MIN cover above bottom of weatherboard
110 MIN Total

35 MIN clear gap

Roofing underlay turned up under flashing

Selected roofing with stop ends

Flashing length
See Table 7 E2/AS1



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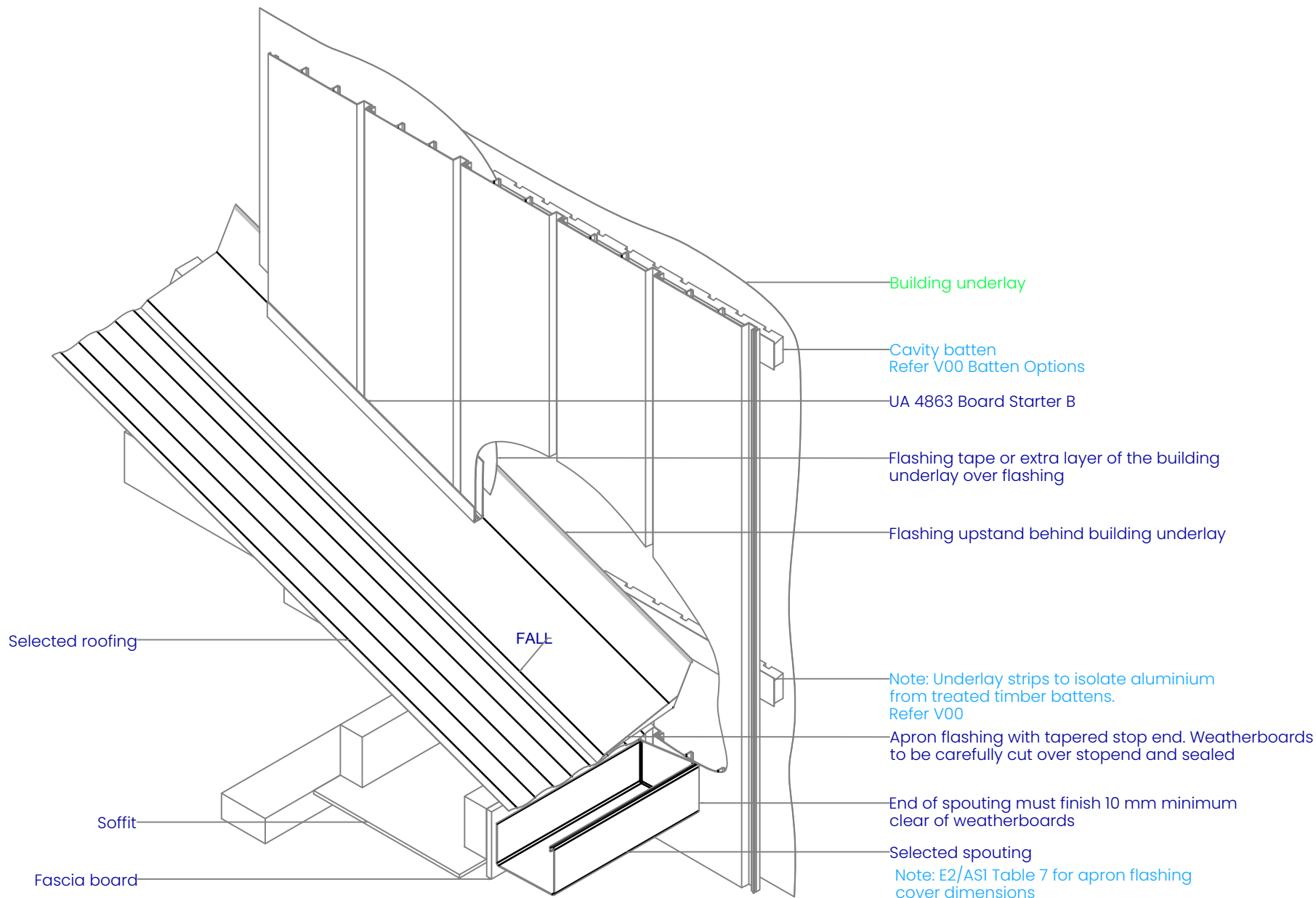
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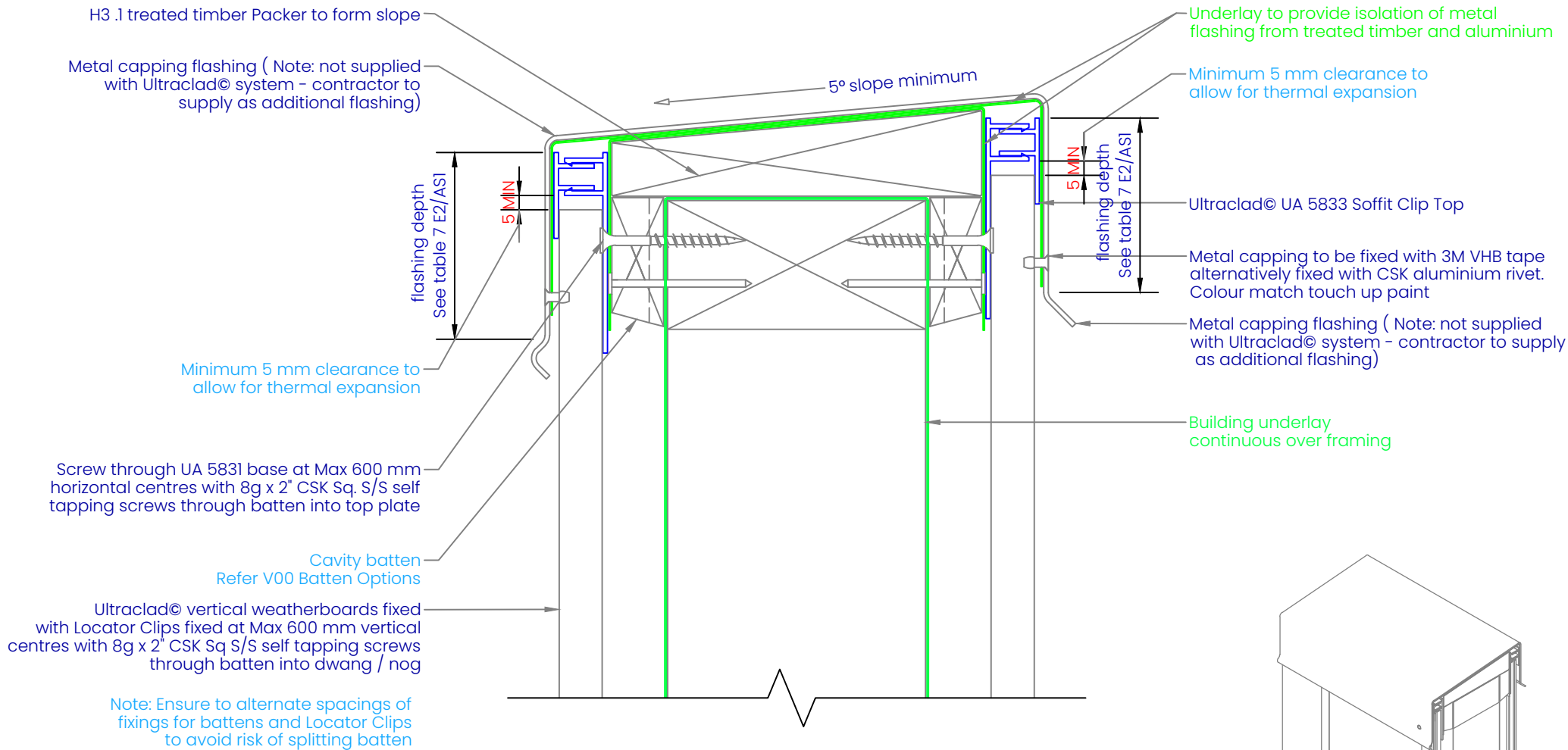
V19

ROOF - WALL JUNCTION ON CAVITY

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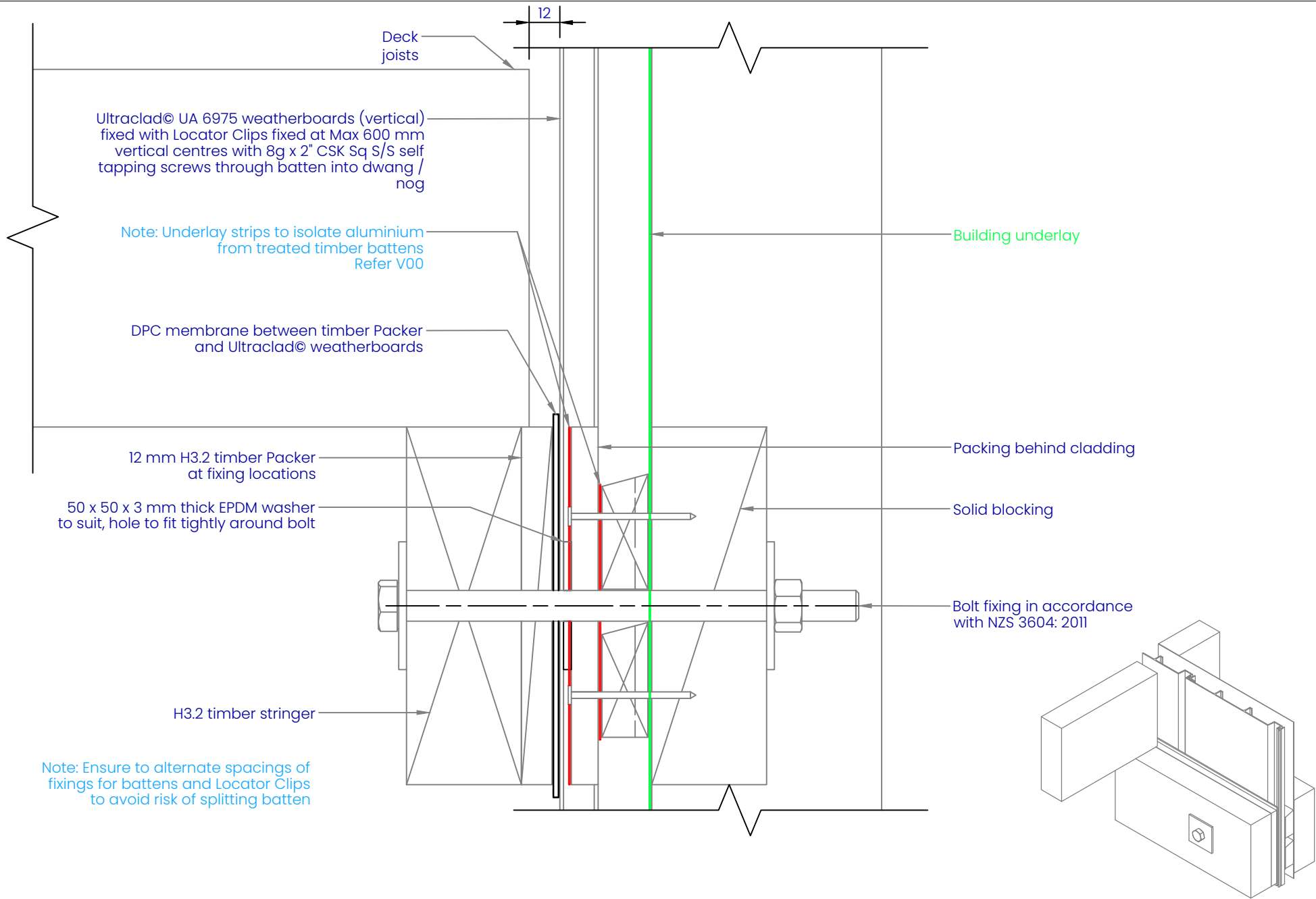




V21 PARAPET ON CAVITY

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V22

DECK JUNCTION ON CAVITY

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Note: Ensure to alternate spacings of fixings for battens and Locator Clips to avoid risk of splitting batten

Ultraclad® vertical weatherboards fixed with Locator Clips fixed at Max 600 mm vertical centres with 8g x 2" CSK Sq S/S self tapping screws through batten into dwang / nog

Building underlay

Cavity batten
Refer V00 Batten Options

Flashing tape

Note: Underlay strips to isolate aluminium from treated timber battens
Refer V00

Ultraclad® UA 4863 Vertical Starter Strip fixed to framing at 300 mm centres with 8g x 2" CSK Sq S/S self tapping screws

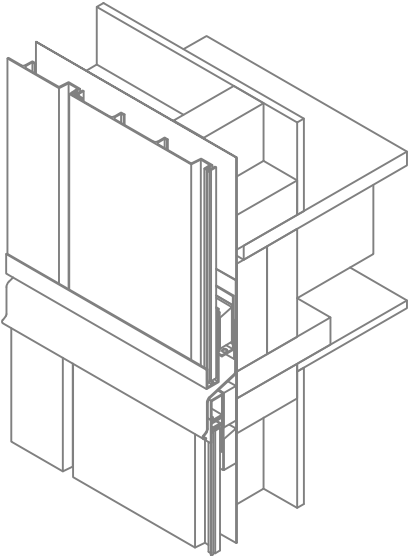
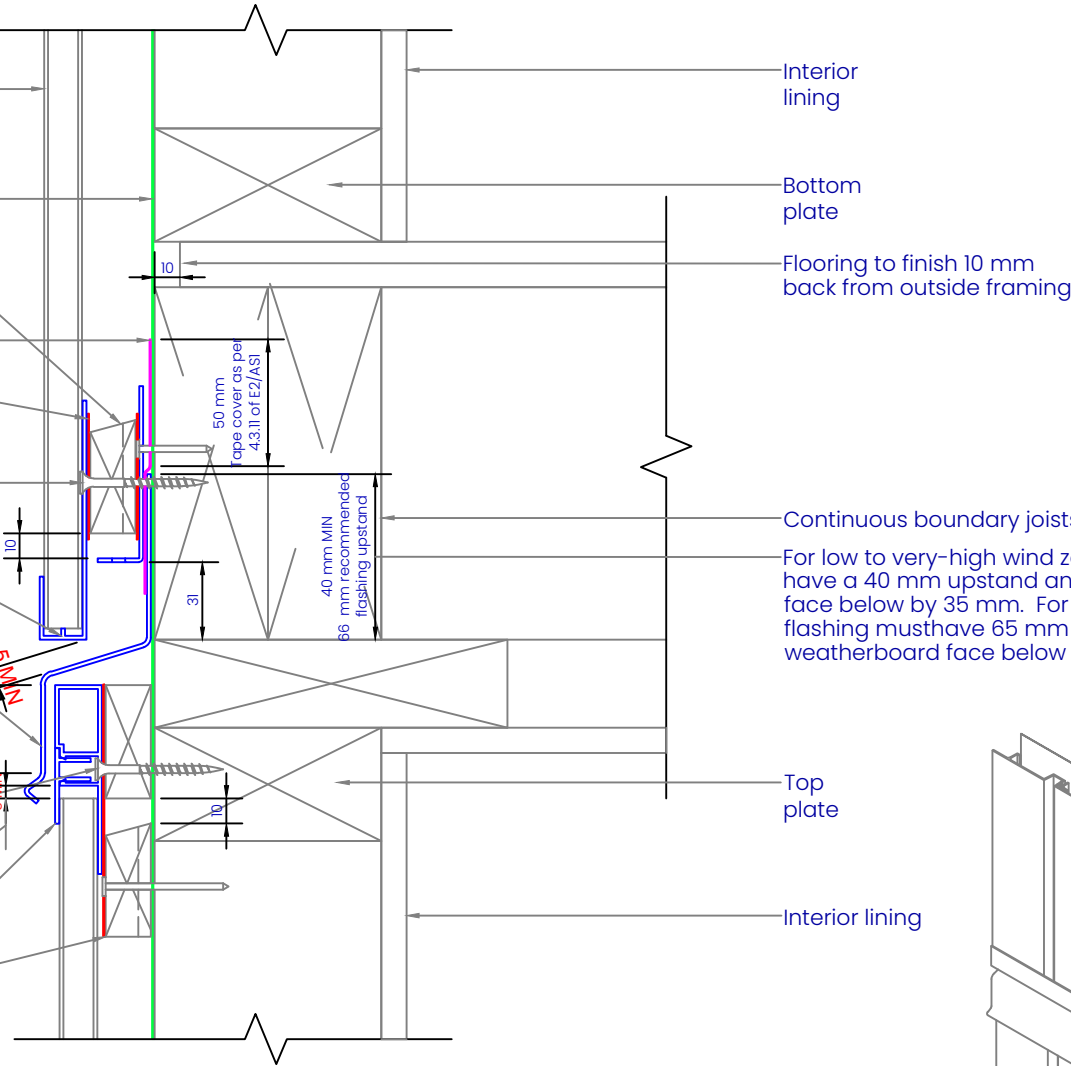
Ultraclad® UA 4863 Board Starter B with 5 mm diameter drainage holes drilled through base of Starter at 300 mm centres

Ultraclad® UA 7919 Inter-Storey Flashing

Screw through UA 7584 base at Max 600 mm horizontal centres with 8g x 2" CSK Sq. S/S self tapping screws through batten into frame
Minimum 5 mm clearance to allow for thermal expansion

Ultraclad® UA 5833 Soffit Clip Top
Cavity batten
Refer V00 Batten Options

Note: this detail is required to limit cavities to 2 storeys or 7 m Max - Refer E2/AS1 clause 9.1.9.4



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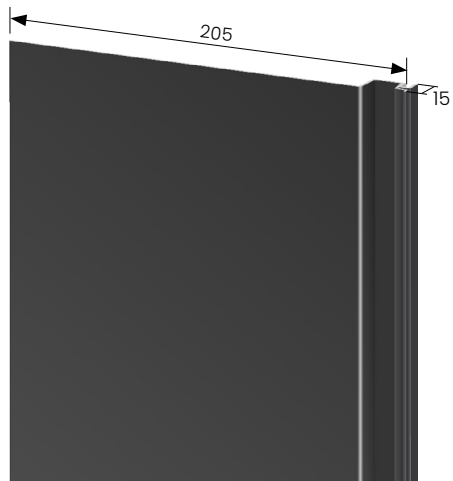
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V23

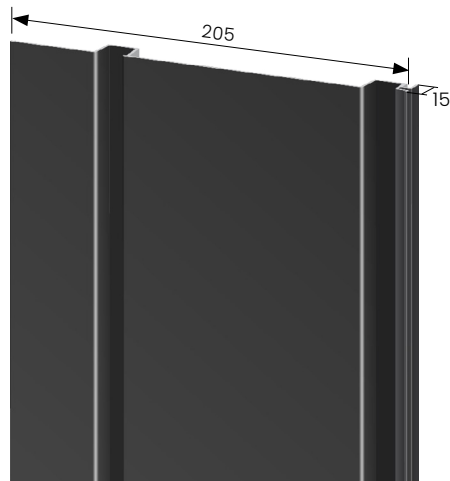
INTER-STOREY JUNCTION ON CAVITY

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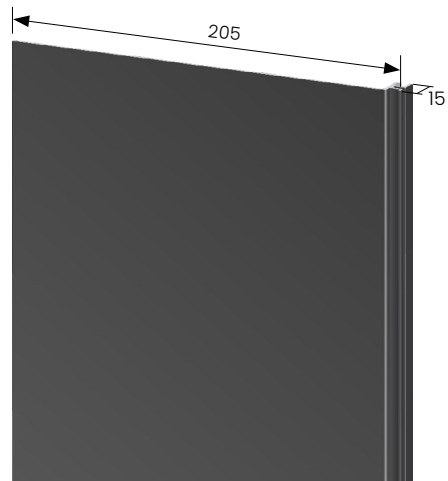
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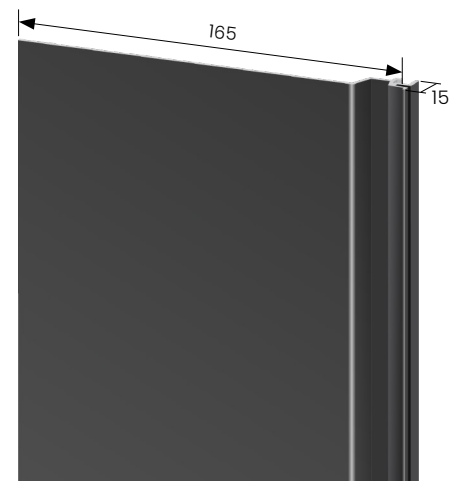
UA 6975 V Shadoline Board



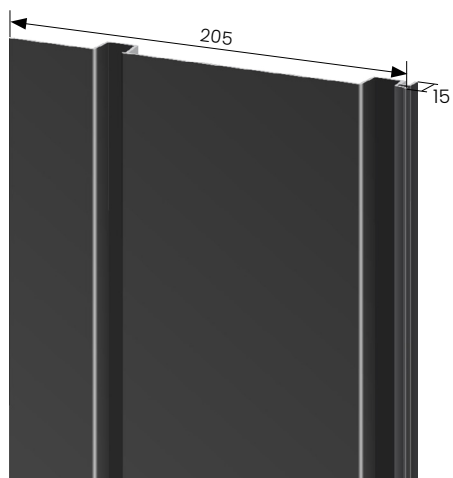
UA 7868 V Shado 140 Board



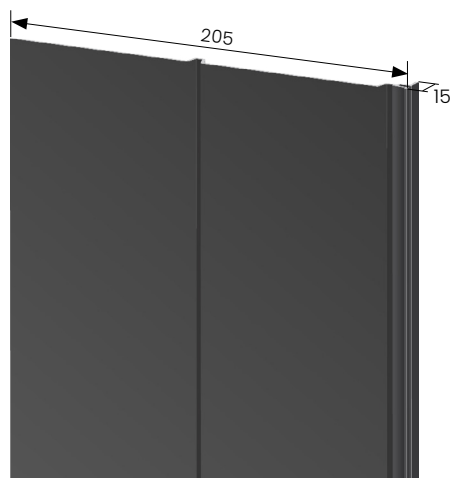
UA 7401 V Infinity Board



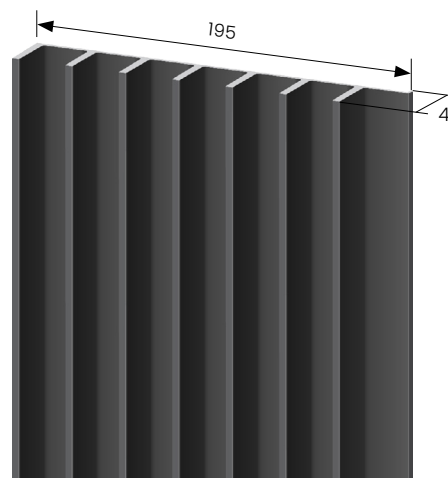
UA 7922 V Shiplap Board



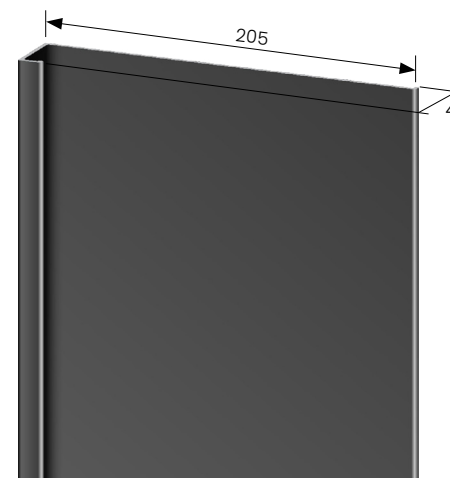
UA 7726 V Shado 100 Board



UA 7932 V UltraLine Board



UA 7837 V Fin Board
*only available by special order



UA 7937 V UltraTray Board
*only available by special order

"Please note that our extrusion profiles may vary slightly in measurements due to the manufacturing process. While we strive for consistency, minor deviations may occur. Additionally, we reserve the right to make improvements or modifications to our products in order to enhance quality or functionality."

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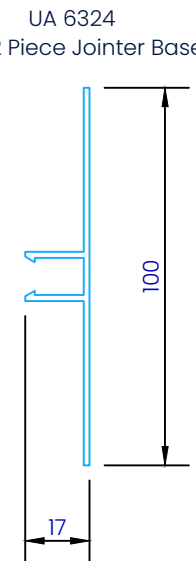
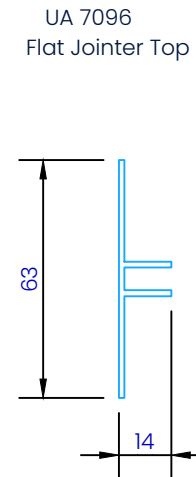
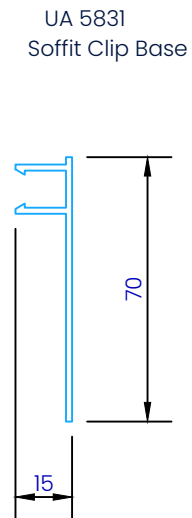
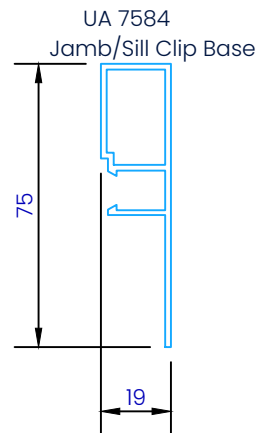
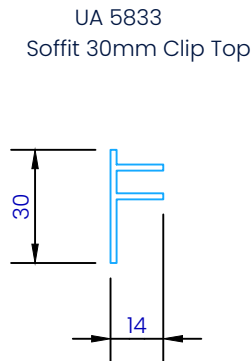
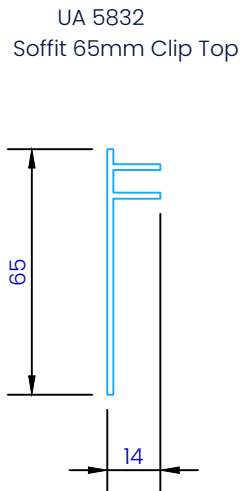
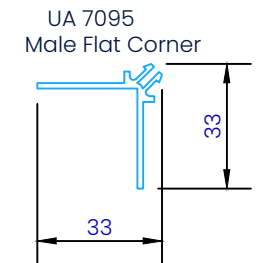
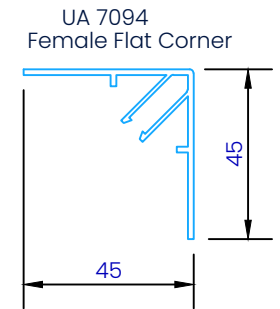
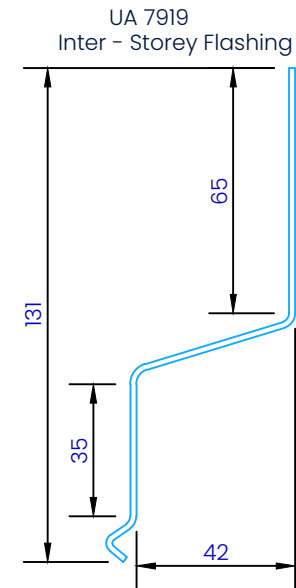
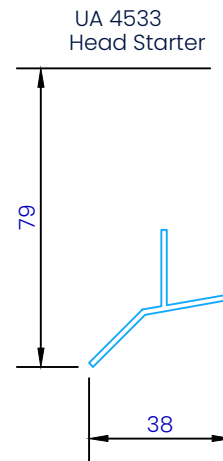
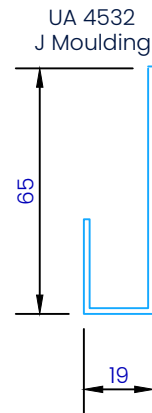
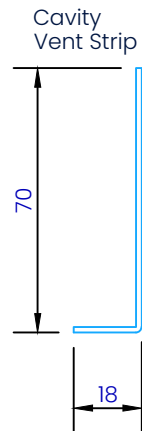
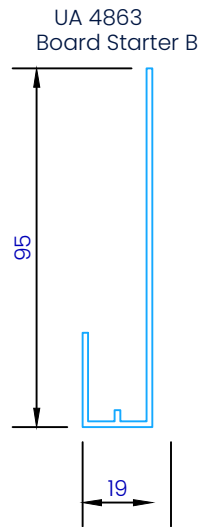
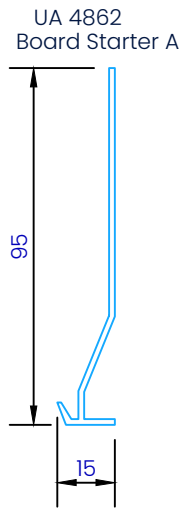
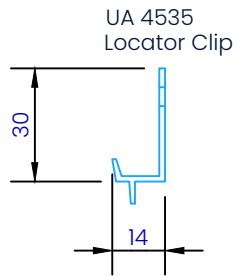
Tel: 0800 500 338
Email: buildingsystems@vulcan.co
Web: buildingsystems.vulcan.co

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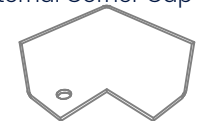
V24 PROFILES

Building Systems: Vertical Weatherboard Cavity System

REVISION:	11
SCALE:	1 : 2 (@A4)
DATE:	2024
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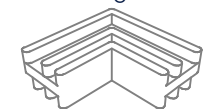
CLADCNRCAPE
External Corner Cap (1 : 3)



CLADCNRCAPI
Internal Corner Cap (1 : 3)



CLADSTAKECNR
Plastic Staking Corner (1 : 3)



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V25 ACCESSORIES

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