

ALICLAD MAX



II VERTICAL II ALPHA RAIL

HIGH PERFORMANCE ALUMINIUM
WEATHERBOARD SYSTEM



MATERIALS • SYSTEMS • SOLUTIONS

ALICLAD MAX

The Building Agency is the exclusive distributor of a cultivated selection of well-respected brand name cladding and roofing products and systems.

The Building Agency's focus is to ensure correct and comprehensive selections from our product and system ranges and to assist with design, specification and delivery of high performance buildings.

The Building Agency introduces our newly developed - ALICLAD MAX System

Performance and aesthetics find a perfect balance in the latest contemporary aluminium cladding system designed in New Zealand for our local conditions.

The tough New Zealand climate calls for exterior products that can perform in all weather conditions, meet the most stringent code and standards, and bring elegance and architectural integrity.

AliClad Max, designed by The Building Agency, is a premium aluminium weatherboard system that has had every detail and feature designed, tuned and resolved. Backed by decades of local experience and international product knowledge, AliClad Max offers architects, builders and developers a robust and beautifully finished product, supported on an easy-to-install fixing system engineered to perform.

Designed for large-scale commercial projects with a residential application.
Designed for:

WEATHER-TIGHTNESS: The system has been designed in line with NZBC Acceptable Solutions. It is tested to be compliant with E2 via NZS4284:2008.

STRUCTURE: The AliClad Max system is designed for buildings in wind zones from Low to over Extra high wind loadings and engineered to be fixed at maximum span distances for easier application and reduced project costs.

FIRE PROTECTION: Aluminium is defined as non-combustible under the NZBC C clause and when correctly specified the support system forms a limited / non-combustible wall assembly. AliClad Max is tested for buildings over 25m in total height by a full-scale system fire performance test to BS8414.

FINISH AND AESTHETICS: Sublimated woodgrains, Flat and matt powdercoat options, Anodised, Anodised-look paint finishes, and horizontal and vertical profile alignments achieve both classic and contemporary designs with ease.

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Detail List

Detail Number

AC-V-AR-DL.2

Version

JAN 2024 [v2.1]

ALICLAD MAX

COMPLIANCE STATEMENT

AliClad Max is an extruded aluminium cladding system that can be installed horizontally or vertically, comprised of 2.2mm thick interlocking weatherboards in multiple design profile options and an accompanying flashing system. The system has been designed up to extra high wind zone in accordance with NZS3604 and engineered to be fixed at increased span distances to provide simple, strong, and safe installations.

This compliance statement covers **AliClad Max Cladding System** on 20mm Drained & Ventilated cavities.

Allowance must be made for unhindered thermal expansion and contraction. AliClad Max weatherboards must be cut to length allowing a 1 mm gap per metre of board and the fixing holes must be oversized to accommodate potential movement.

NZBC Clause B1 Structure

B1.1a, B1.1b, B1.1c, B1.2, B1.3.1, B1.3.2

AliClad Max weatherboard cladding system structural analysis was undertaken with capacities determined using and theoretical analysis. Span tables for 20mm cavities have been developed to determine the required cladding fixing, batten/rail fixing and screws to main structure fixing spacing.

The AliClad Max cladding system has been designed to withstand up to ± 2.40 kPa (ULS). When constructed in accordance with the structural and installation guidelines as per Appendix A, AliClad Max Cladding will meet NZBC Clause B1.

NZBC Clause E2 External Moisture

E2.1, E2.2, E2.3.2, E2.3.3, E2.3.5, E2.3.6, E.2.3.7

AliClad Max weatherboard cladding is intended to be part of a rainscreen cladding system where the panels form the outermost water shedding layer. The cladding line is expected to deflect most of the water hitting the façade. The weather resistant line is located at the back of the rainscreen cavity that is typically constructed with a flexible building wrap or rigid air barrier compliant with NZBC E2/AS1: Table 23.

Where water does penetrate the cladding line, the cavity between the cladding and the structural wall is expected to prevent water being able to migrate onto the structural wall and allow water to drain down. The cavity also allows ventilation which aids in the drying of any residual water and drying of the structural wall.

NZBC C3 Fire Performance

C1a, C1b, C3.1, C3.2, C3.3

AliClad Max weatherboard cladding is manufactured from solid aluminium. As per MBIE Guidance (MBIE 2817 Fire Performance of External Wall Cladding Systems) that for buildings categorised as low risk (<10m high & >1m away from relevant boundary.) There are no requirements for fire testing protocols P1 to P5 and therefore all products are suitable for use in this application.

Where consideration of fire safety is required due to proximity of relevant boundaries, AliClad Max can contribute to a building's performance when specified on one of the applicable non-combustible support systems available.

NZBC Clause B2 Durability

B2.1, B2.2, B2.3.1, B2.3.2

AliClad Max weatherboard base material is 6063-T5 grade aluminium and by its nature is inherently durable. Aluminium is a reactive metal that quickly forms a stable oxide layer upon contact with the atmosphere which seals the raw aluminium from further oxidation. Therefore, aluminium is fundamentally durable. Aluminium supports are suitable to be used in all New Zealand exposure/atmospheric zones.

In addition, the AliClad Max weatherboard cladding is finished using premium powder coating systems.

Timber and Plastic Battens and Fixings

On Low-Risk buildings where fire requirements allow, a timber or HDPE cavity packer batten system may be used. Where timber is used it must be at a minimum of H3.1 treatment. If applicable a suitable bond breaker must be utilised to ensure no contact between cladding, flashings, and treated battens. Fixings for AliClad Max must achieve >35mm structural embedment into main structure.

Refer to Appendix A Fixing Table 1

Aluminium Battens and Fixings

Cladding rails and fixings are also manufactured from aluminium and stainless steel, both materials are recognised as sufficiently durable and should remain serviceable throughout the expected serviceability of the cladding system. Fixings of Aluminium rails must achieve >45mm embedment into main structure.

Refer to Appendix A Fixing Tables 2 & 4

Galvanised Support and Battens

To meet the durability requirements, mild steel support and battens need to be protected against corrosion. Support frames must have a minimum wall thickness of 1.15BMT. Support frames are to be coated with Zincalume steel AZ150. The Building Agency only specify Zincalume coatings for buildings with Exposure Zone of B and C to achieve the durability requirement specified in NZBC Clause B2. In addition, as outlined on NZBC E2/AS1 Table 20, hidden elements coated with AZ150 can achieve 50-year durability. Fixings of galvanised support battens rails must achieve >35mm embedment into main structure.

Refer to Appendix A Fixing Tables 3 & 5

Design Responsibility

It is expected that the architect/specifier's design intent and specifications (including specified materials, & compatibility where items are subject to material run-off affecting durability) where applicable have been reviewed against the New Zealand Building Code. AliClad Max, when correctly specified will comply to or contribute to compliance to the following NZBC Clauses and their listed performance clauses as listed.



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APPENDIX A - SPAN TABLES

Table 2: Vertically Aligned - Installed on AlphaRail20

WIND ZONE	ALICLAD MAX TYPE				
	V136	V200	S150	S200	S125/75
	MAXIMUM ALLOWABLE SPAN (mm)				
LOW 00m/s-32m/s <0.6kPa	2200	2200	2200	2200	2200
MEDIUM 32m/s-37m/s >0.66kPa & <0.88kPa	1600	1600	1600	1600	1600
HIGH 37m/s-44m/s >0.88kPa & <1.25kPa	1200	1200	1200	1200	1200
VERY HIGH 44m/s-50m/s >1.25kPa & <1.61kPa	1000	1000	1000	1000	1000
EXTRA HIGH 50m/s-55m/s >1.61kPa & <1.9kPa	800	800	800	800	800
SPECIFIC ENGINEERING DESIGN >55m/s >1.9kPa	SED	SED	SED	SED	SED

1. C4 Evo TBS680 Flange Head Screw TX30 (≥ 45mm minimum embedment, Ø4mm Pre-drill, 3*D Edge Distance)
 2. AlphaRail20 - 20mm Aluminium cavity battens, fixed at every stud at 600mm o/c
 3. Wind Zone Classifications - ULS From NZS3604, considered in Positive(+) Pressure and Negative(-) Suction

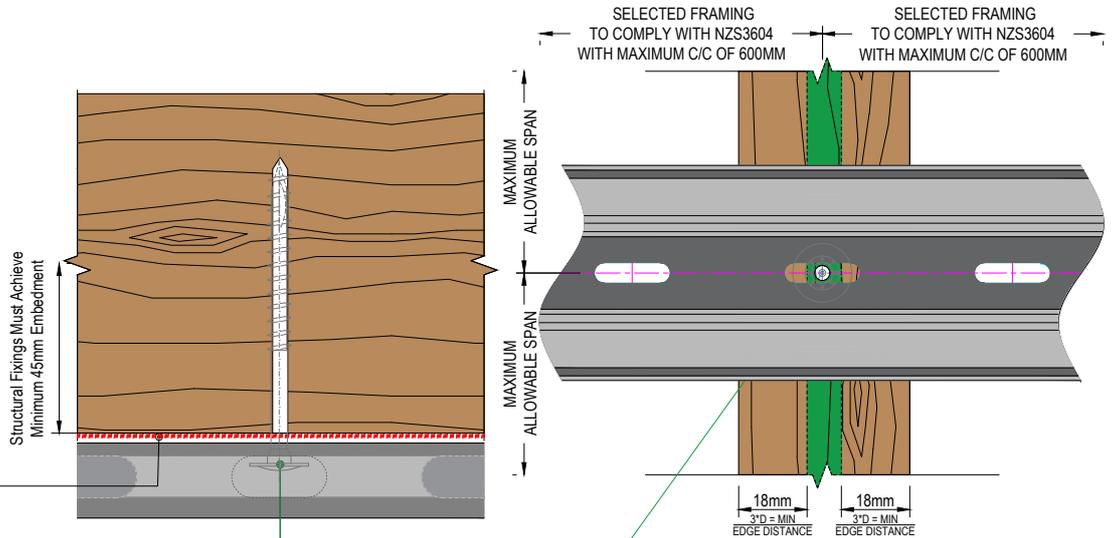
*** Design Assumptions:**

- The wind pressures are for external wind only. Internal pressures will not be applied to the cladding and assumed to be resisted by the internal lining.
- Load on each panel is uniformly distributed.
- The span/deflection limit for SLS wind load is 250mm for aluminium battens/zincalume top hats and L/175 for the AliClad Max boards, with the serviceability wind load equal to 68% of the ULS wind load.
- SS304 10g x 19mm HexTek SD Screw 10mm Hex (AliClad board to AlphaRail 20/Zincalume tophat.)
- Timber is assumed Radiata Pine (Group J4 for withdrawal, group 5 in shear, with a characteristic density in excess of 420kg/m³).
 - Timber studs at 600mm o/c and
 - timber noggs/dwangs at 800mm o/c and
- For Edge Distances Framing fixing face thickness is assumed as 45mm

Selected Building Flexible Membrane/RAB/RWU must be compliant to E2:Table 23

Fixings for Horizontal Alpha Rail @ Each Nog = 800mm MAX C/C or less as appropriate to site wind zone & bracing requirements in accordance with NZS3604

ALL Fixings for Vertical Alpha Rail pre-drilled Ø4mm before fixing



ALICLAD MAX

PARTS LIST

CLADDING PROFILES

- ACV136** - AliClad Max V136, 136x25 V Shiplap Weatherboard, 5.8m.
ACV200 - AliClad Max V200, 200x25 V Shiplap Weatherboard, 5.8m.
ACS150 - AliClad Max S150, 150x25 Shadow Groove Weatherboard, 5.8m.
ACS200 - AliClad Max S200, 200x25 Shadow Groove Weatherboard, 5.8m.
ACS125/75 - AliClad Max S200-125/75, 200x25 Shadow Groove Weatherboard with 75mm & 125mm board look, 5.8m.

2 PIECE BASE CLIPS

- ACHMDB-58** AliClad Max - H Mould Base, 5.8m.
ACJMDB-58 AliClad Max - J-Mould Base, 5.8m.
ACJMDF-58 AliClad Max - J-Mould Face, 5.8m, Selected Finish.
ACINTB-58 AliClad Max - Internal Corner Base, 5.8m, Selected Finish.
ACEXTB-58 AliClad Max - External Corner Base, 5.8m.
ACJMDBC-58 AliClad Max - Bottom of Cladding Base, 5.8m, Selected Finish.

2 PIECE FACES & TRIMS

- ACINTF** - AliClad Max - Internal Corner Face, 5.8m.
ACWNS - AliClad Max - Window Sill Face, - to suit WANZ supported window, 5.8m, Selected Finish.
ACWNSP - AliClad Max - Window Sill Face - to suit Punched Window, 5.8m, Selected Finish.
ACJMDF - AliClad Max - J Mould Face, 5.8m, Selected Finish.
ACHMDF - AliClad Max - H Mould Face, 5.8m, Selected Finish.
ACEXTF - AliClad Max - External Corner Face, 5.8m, Selected Finish.

JUNCTION ELEMENTS

- ACCLZ-58** AliClad Max - Clamp Zed, 5.8m, Selected Finish.
ACCLC-58 AliClad Max - Clamp Channel, 5.8m, Mill Finish.
ACSTR-58 AliClad Max - Starter Rail, 5.8m, Mill Finish.
ACJMC-58 AliClad Max - Jamb Clip, 5.8m, Mill Finish.
ACJMF-58 AliClad Max - Jamb Flashing, 5.8m, Selected Finish.

MECHANICAL DRAINAGE SYSTEM

- ACJMT-01RIGHT** AliClad Max - Type 1a Jamb Tray Right
ACJMT-01LEFT AliClad Max - Type 1b Jamb Tray Left
ACJMT-02RIGHT AliClad Max - Type 2a Jamb Tray Right
ACJMT-02LEFT AliClad Max - Type 2b Jamb Tray Left

ALPHA RAIL SUPPORT SYSTEM PROFILES

- AR-CLIP100** Alpha Rail Packer Clip 10mm, 50mm.
AR-CLIP50 Alpha Rail Packer Clip 5mm, 50mm.
AR-CLIP30 Alpha Rail Packer Clip 3mm, 50mm.
AR-CLIP16 Alpha Rail Packer Clip 1.6mm, 50mm.
AR-RAIL20H Alpha Rail Vertical Rail 20mm, 5.8m.
AR-RAIL20V Alpha Rail Horizontal Rail 20mm, Drained, 5.8m.

AliClad Max - Parts List

Detail Number

AC-Part List

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CLADDING PROFILES

HIGH PERFORMANCE ALUMINIUM
WEATHERBOARD SYSTEM

2.1

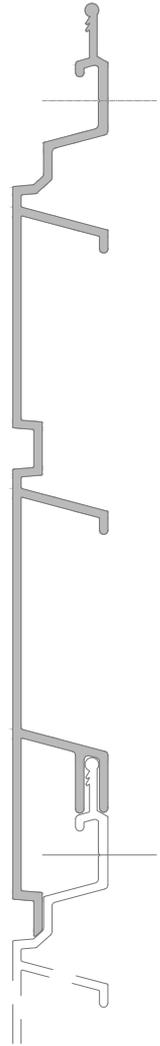
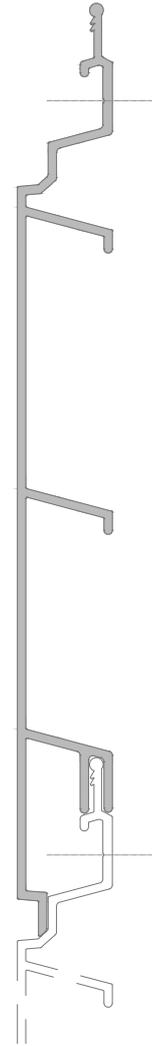
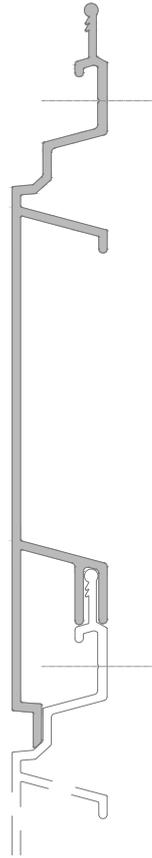
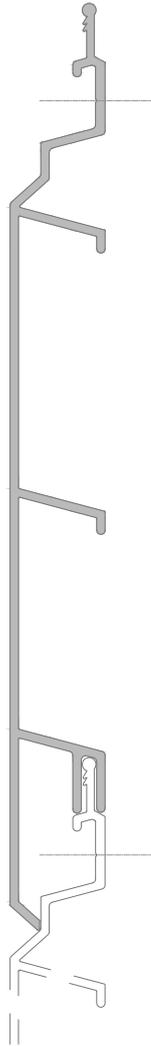
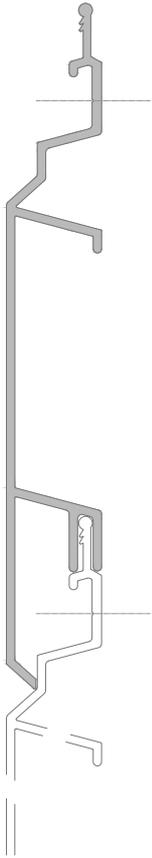
VI36

V200

SI50

S200

SI25-75



V

≡ - GROOVE

S

□ - GROOVE

Extruded Profiles - Cladding

Detail Number

AC-PRO-01

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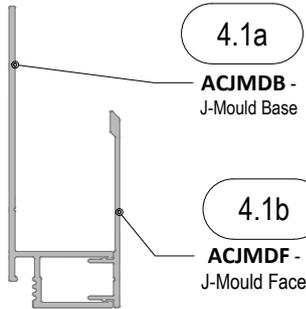
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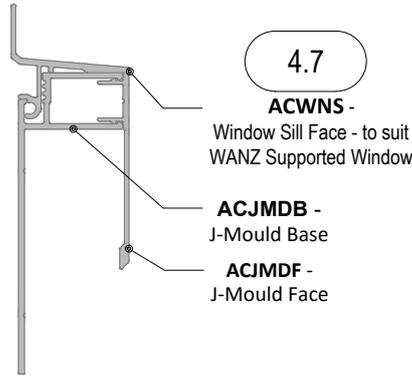
TRIMS - PROFILES

TYPICAL ASSEMBLIES

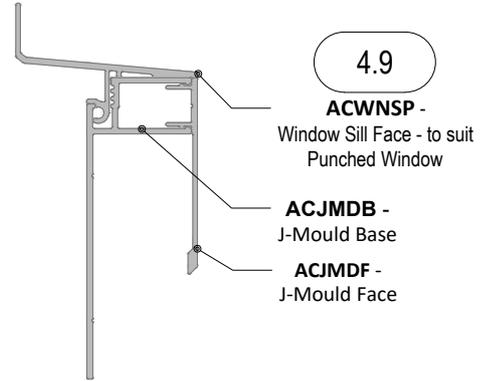
J-MOULD



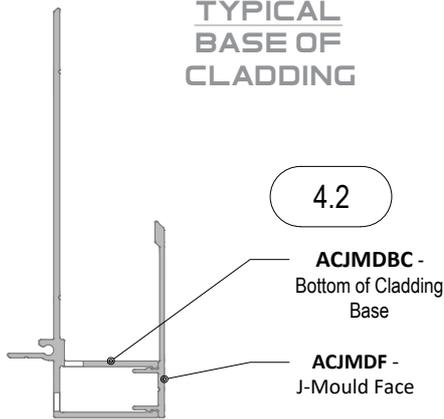
WANZ WINDOW SILL



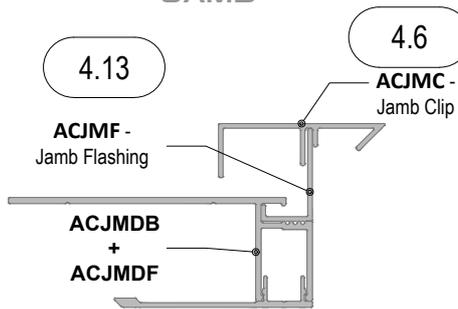
PUNCHED WINDOW SILL



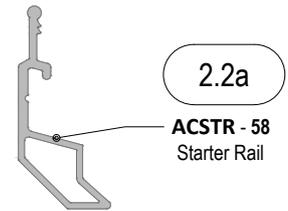
TYPICAL BASE OF CLADDING



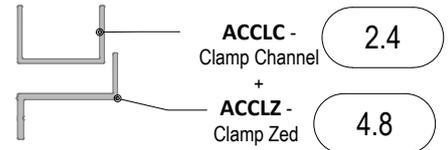
TYPICAL JAMB



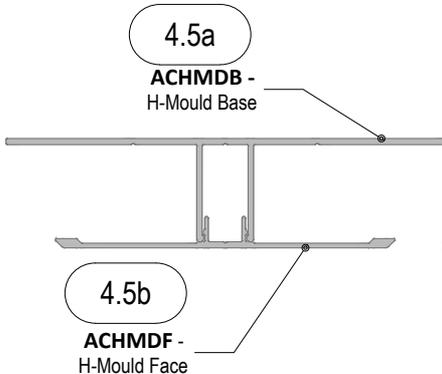
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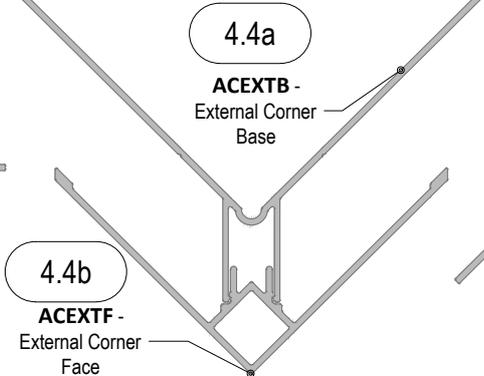
ENDER



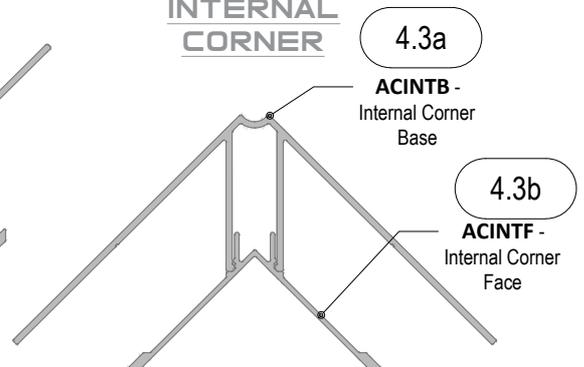
TYPICAL VERTICAL H-JOINT



EXTERNAL CORNER



INTERNAL CORNER



Extruded Profiles - Trims

Detail Number

AC-PRO-2

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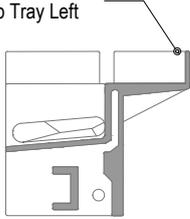
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MECHANICAL DRAINAGE SYSTEM

PROPRIETARY JAMB-TO-SILL DRAINAGE CLIPS
- AVAILABLE IN WHITE, GREY AND BLACK.

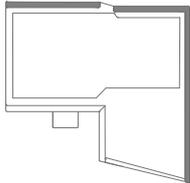
TYPE I - FOR WINDOWS USING WANZ BAR SUPPORT

ACJMT-01LEFT -
Type 1 Jamb Tray Left



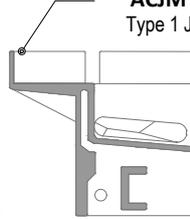
SECTION

4.11a

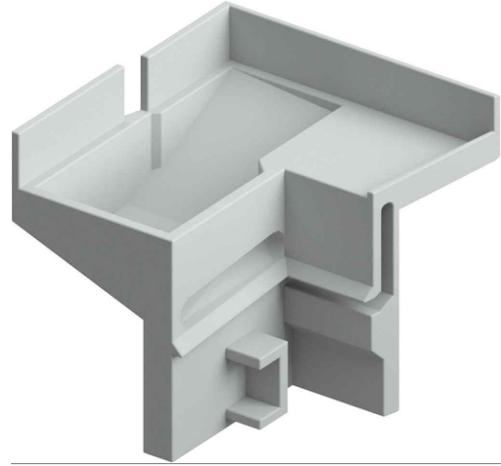
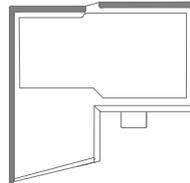


PLAN

ACJMT-01RIGHT -
Type 1 Jamb Tray Right

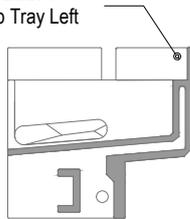


4.11b



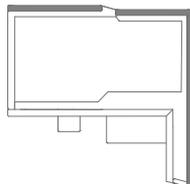
TYPE II - FOR PUNCHED OR RECESSED WINDOWS

ACJMT-02LEFT -
Type 2 Jamb Tray Left



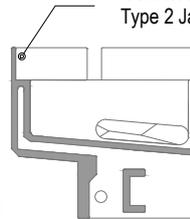
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4.12b

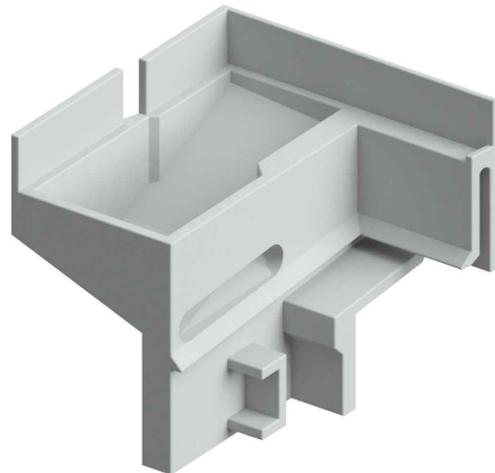
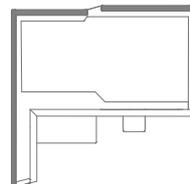


PLAN

ACJMT-02RIGHT -
Type 2 Jamb Tray Right



4.12a



Mechanical Drainage System Parts

Detail Number

AC-V-AR-ACC-01

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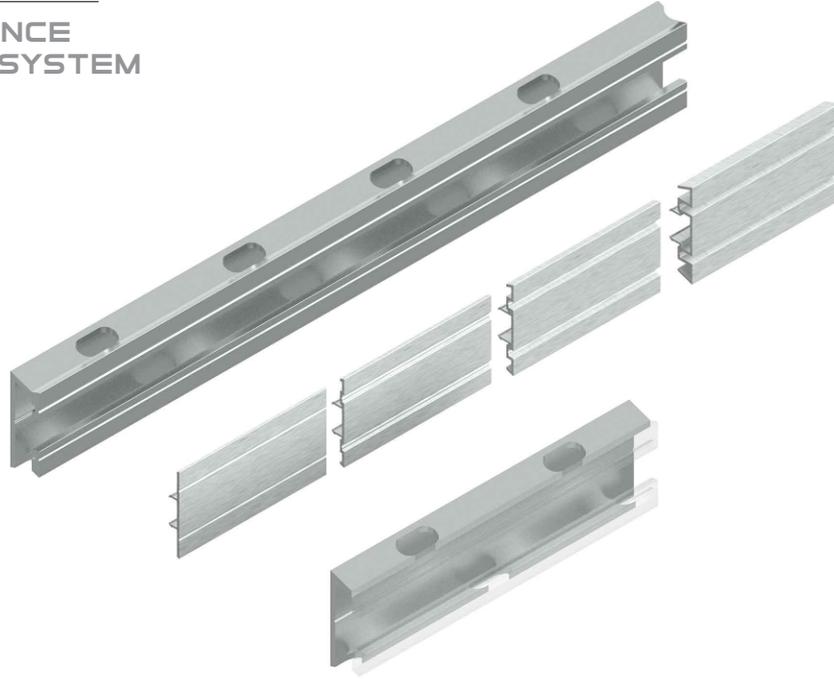
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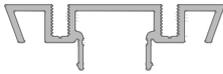


ALPHA RAIL SYSTEM

HIGH PERFORMANCE
ALUMINIUM BATTEN SYSTEM
PROFILES



3.1d



ALPHA CLIP 10MM
Order Code: AR-Clip100

3.1c



ALPHA CLIP 5MM
Order Code: AR-Clip50

3.1b



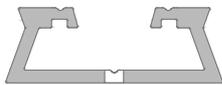
ALPHA CLIP 3MM
Order Code: AR-Clip30

3.1a



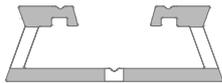
ALPHA CLIP 1.6MM
Order Code: AR-Clip16

3.1



ALPHA RAIL 20MM - 5.8LM
Order Code: AR-Rail20V

3.1



ALPHA RAIL 20MM - 5.8LM
Order Code: AR-Rail20H

Alpha Rail System

Detail Number

AC-V-AR-ACC-02

Version

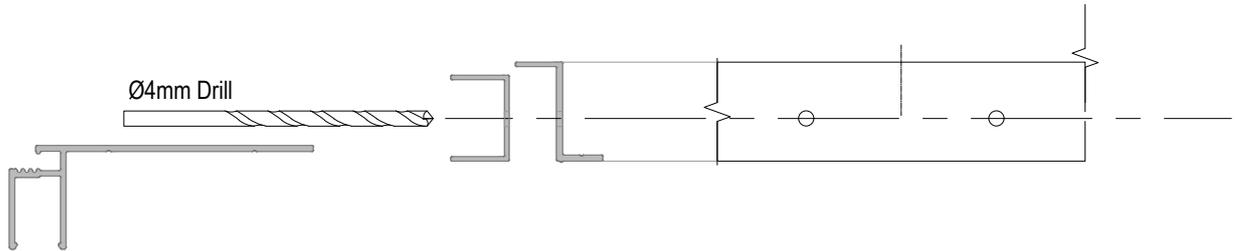
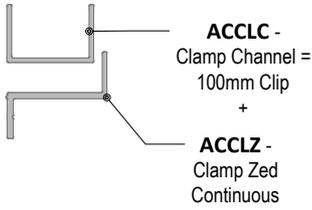
JAN 2024 [v2.2]



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PROCESSING - RIPPED WEATHERBOARD TERMINATION



Common location for
termination assembly :
Into J-Moulds or Corner
moulds

ACCLC - Clamp Channel 100mm
Clips Fixed with 2x No4-4 Pop
Rivets to continuous **ACCLZ** at
800mm MAXIMUM centres &
100mm MAX from Ends

**Ripped Board Edge Goes
Here**



General Processing

Detail Number

AC-GP-1

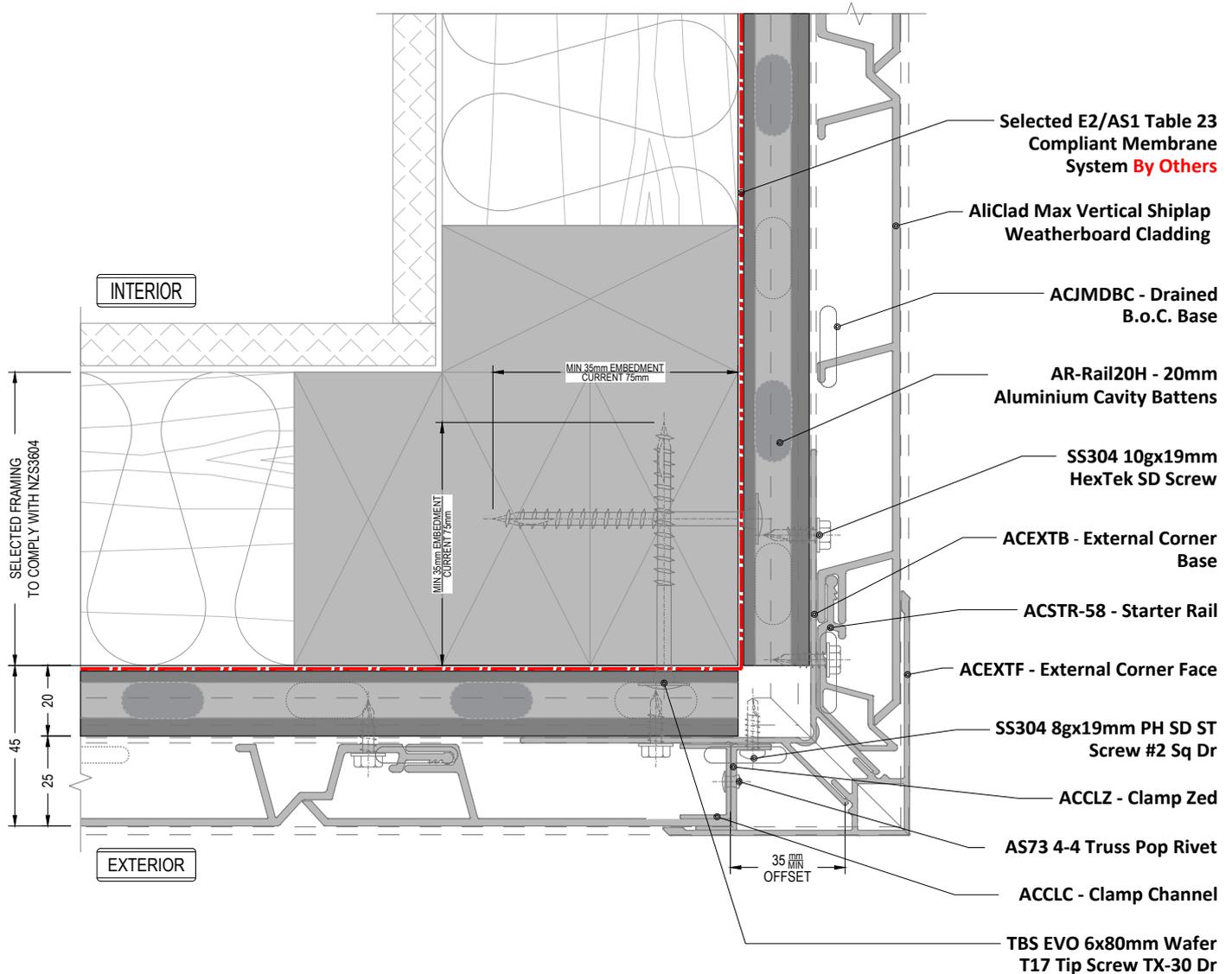
Version

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NOTE 1
ACCLC Clamp Channel and ACCLZ Clamp Zed can be pre-assembled with AS73 4-4 Truss Pop Rivet according "AC-GP-1"

NOTE 2
ACJMDBC - Drained B.O.C. Base Shown in dashed lines

External Corner

Detail Number
AC-V-AR-1.1

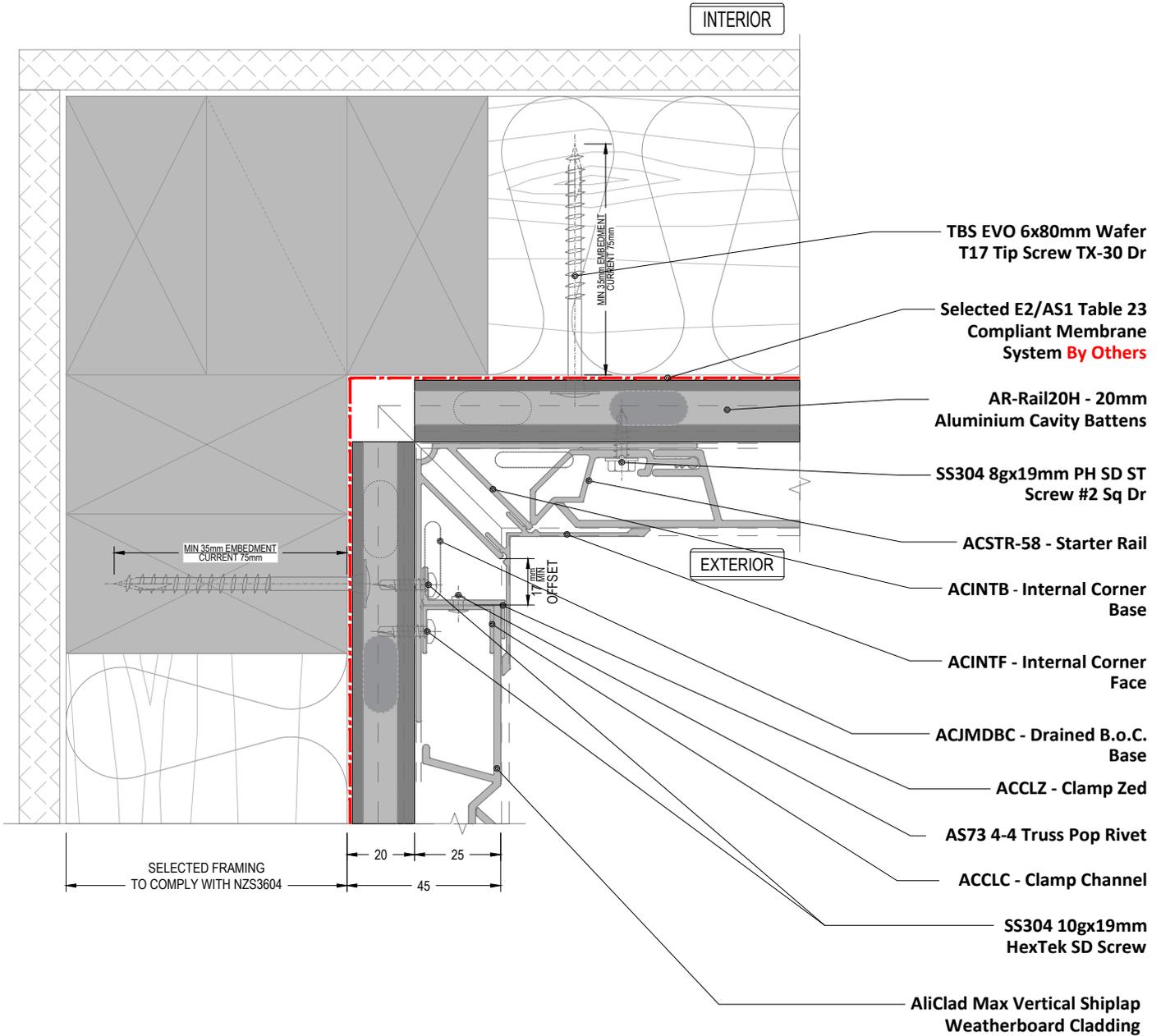
Version

JAN 2024 [v2.3]



MATERIALS • SYSTEMS • SOLUTIONS

ALICLAD MAX



NOTE
ACJMDBC - Drained B.O.C. Base Shown in dashed lines

Internal Corner

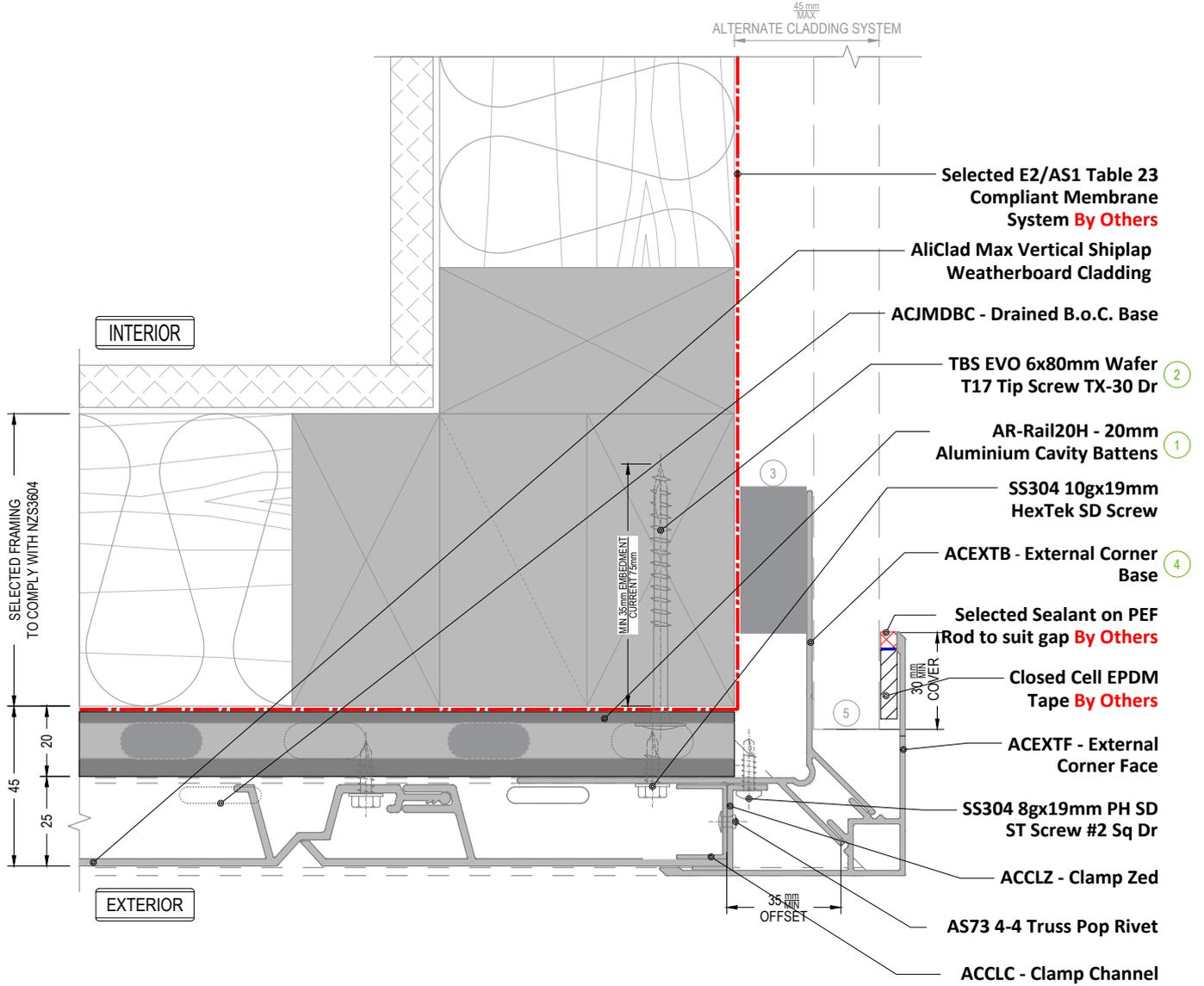
Detail Number
AC-V-AR-1.2

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MATERIALS • SYSTEMS • SOLUTIONS

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NOTE 1

ACCLC Clamp Channel and ACCLZ Clamp Zed can be pre-assembled with AS73 4-4 Truss Pop Rivet according "AC-GP-1"

NOTE 2

ACJMDBC - Drained B.O.C. Base Shown in dashed lines

SEQUENCE OF INSTALLATION

- 1 AR-Rail20H - 20mm Aluminium Cavity Battens
- 2 TBS EVO 6x80mm Wafer T17
- 3 Alternate Support Structure
- 4 External Corner Base
- 5 Alternate Cladding Exterior

Detail Number

AC-V-AR-1.3

Version

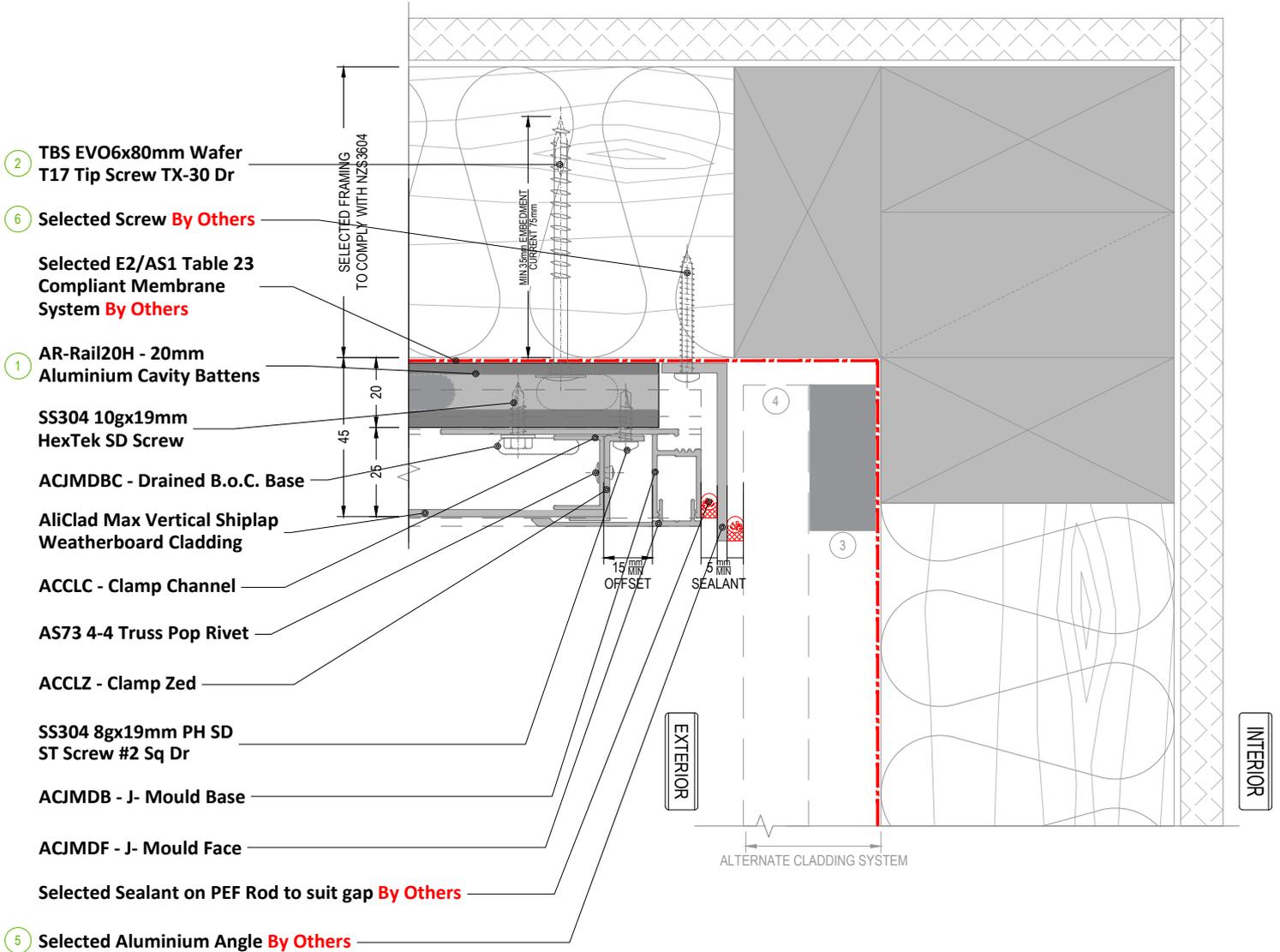
JAN 2024 [v2.3]

Ext Cnr_SML Cladding Type



MATERIALS • SYSTEMS • SOLUTIONS

ALICLAD MAX



NOTE
ACCLC Clamp Channel and ACCLZ Clamp Zed can be pre-assembled with AS73 4-4 Truss Pop Rivet according "AC-GP-1"
NOTE 2
Flashings and Angles are not included in the system



Int Cnr_SML Cladding Type

Detail Number
AC-V-AR-1.4

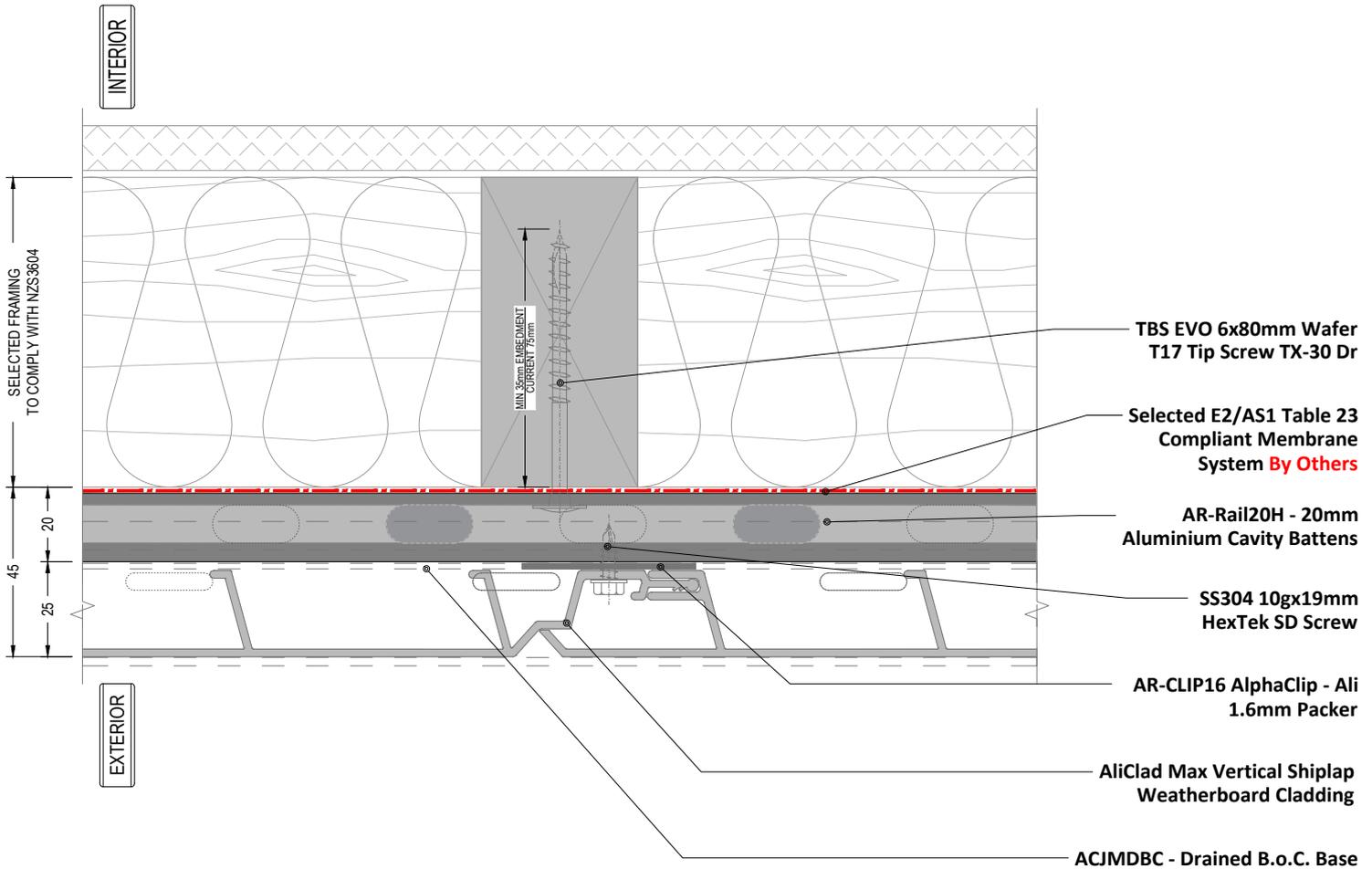
Version

JAN 2024 [v2.3]



MATERIALS • SYSTEMS • SOLUTIONS

ALICLAD MAX



NOTE
ACJMDBC - Drained B.O.C. Base Shown in dashed lines

Vertical Joint - Typical

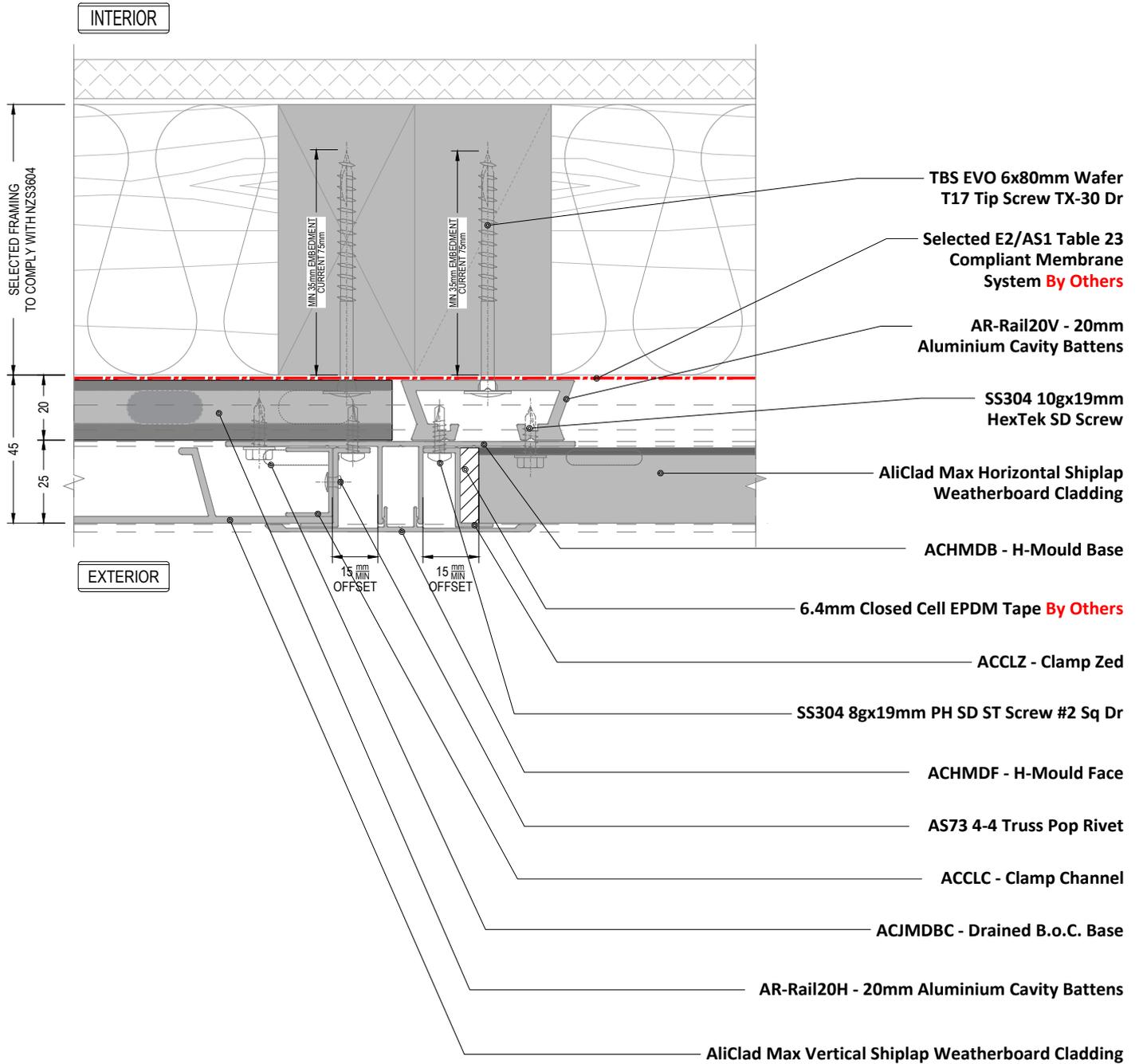
Detail Number
AC-V-AR-2.1

Version
JAN 2024 [v2.3]



MATERIALS • SYSTEMS • SOLUTIONS

ALICLAD MAX



NOTE 1
ACCLC Clamp Channel and ACCLZ Clamp Zed can be pre-assembled with AS73 4-4 Truss Pop Rivet according "AC-GP-1"

NOTE 2
ACJMDBC - Drained B.O.C. Base Shown in dashed lines

NOTE 3
Additional Framing is required at junction of cladding types to ensure adequate fixing

Detail Number
AC-V-AR-2.2

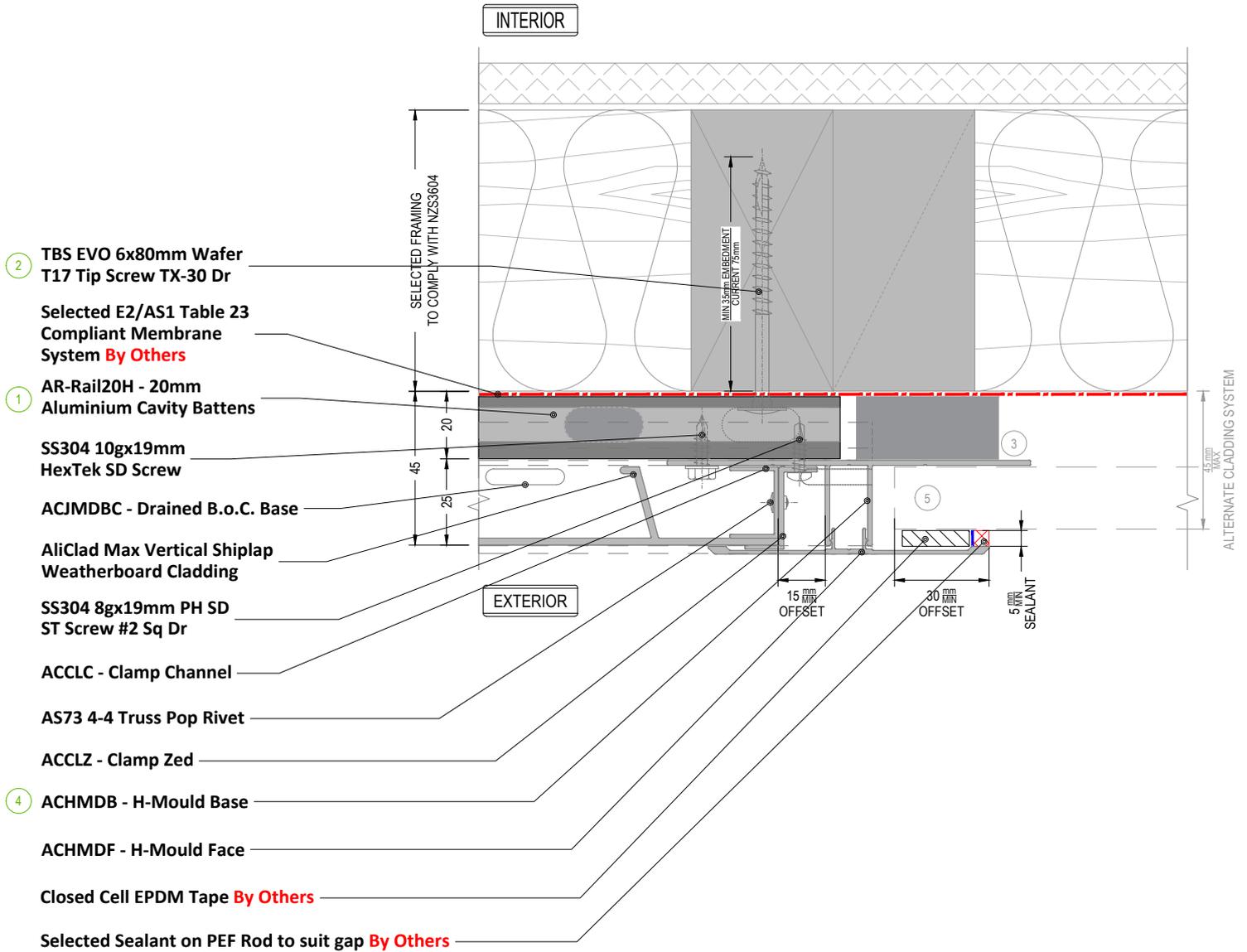
Version
JAN 2024 [v2.3]



MATERIALS • SYSTEMS • SOLUTIONS

Vert. Joint_Orientation Change

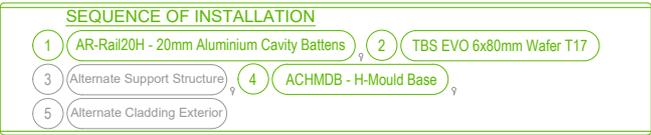
ALICLAD MAX



NOTE 1
ACCLC Clamp Channel and ACCLZ Clamp Zed can be pre-assembled with AS73 4-4 Truss Pop Rivet according to "AC-GP-1"

NOTE 2
ACJMDBC - Drained B.O.C. Base Shown in dashed lines

NOTE 3
Additional Framing is required at junction of cladding types to ensure adequate fixing



Vert. Joint_SML Cladding Type

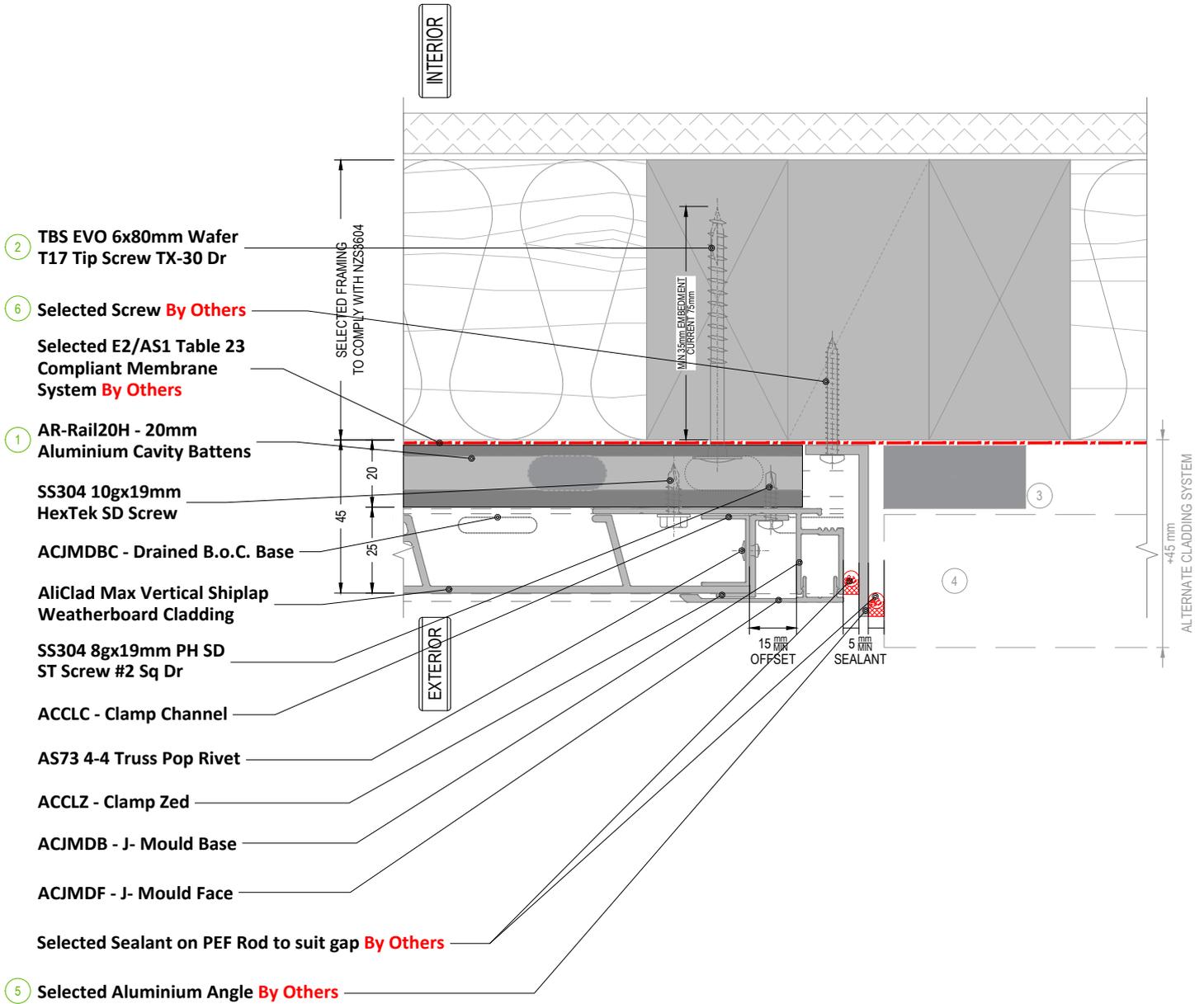
Detail Number
AC-V-AR-2.3

Version
JAN 2024 [v2.3]



MATERIALS • SYSTEMS • SOLUTIONS

ALICLAD MAX



NOTE 1
ACCLC Clamp Channel and ACCLZ Clamp Zed can be pre-assembled with AS73 4-4 Truss Pop Rivet according to "AC-GP-1"

NOTE 2
ACJMDBC - Drained B.O.C. Base Shown in dashed lines

NOTE 3
Additional Framing is required at junction of cladding types to ensure adequate fixing

NOTE 4
Flashings and Angles are not included in the system



Vert. Joint_LRG Cladding Type

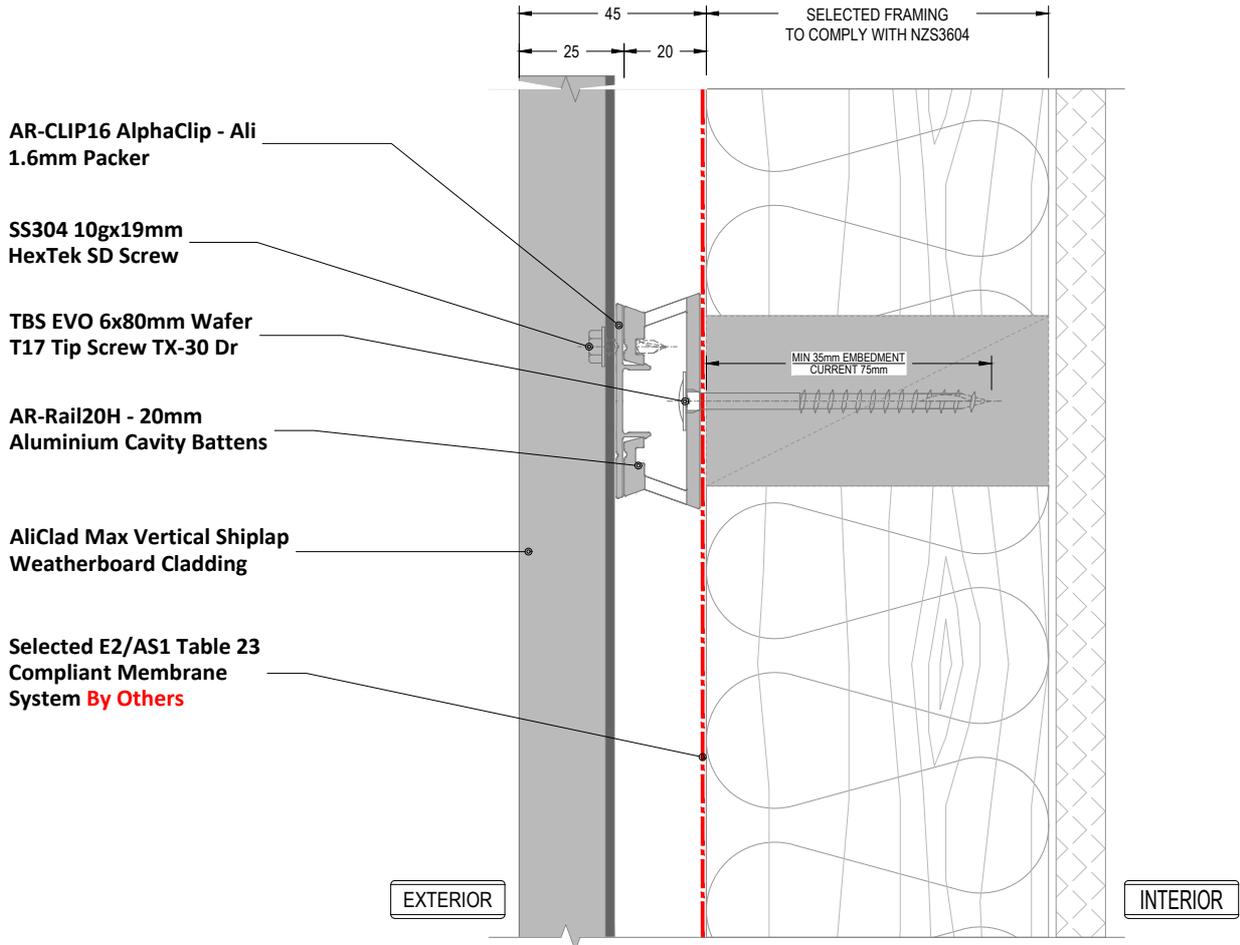
Detail Number
AC-V-AR-2.4

Version
JAN 2024 [v2.3]



MATERIALS • SYSTEMS • SOLUTIONS

ALICLAD MAX



Hori. Joint_Typical

Detail Number

AC-V-AR-3.1

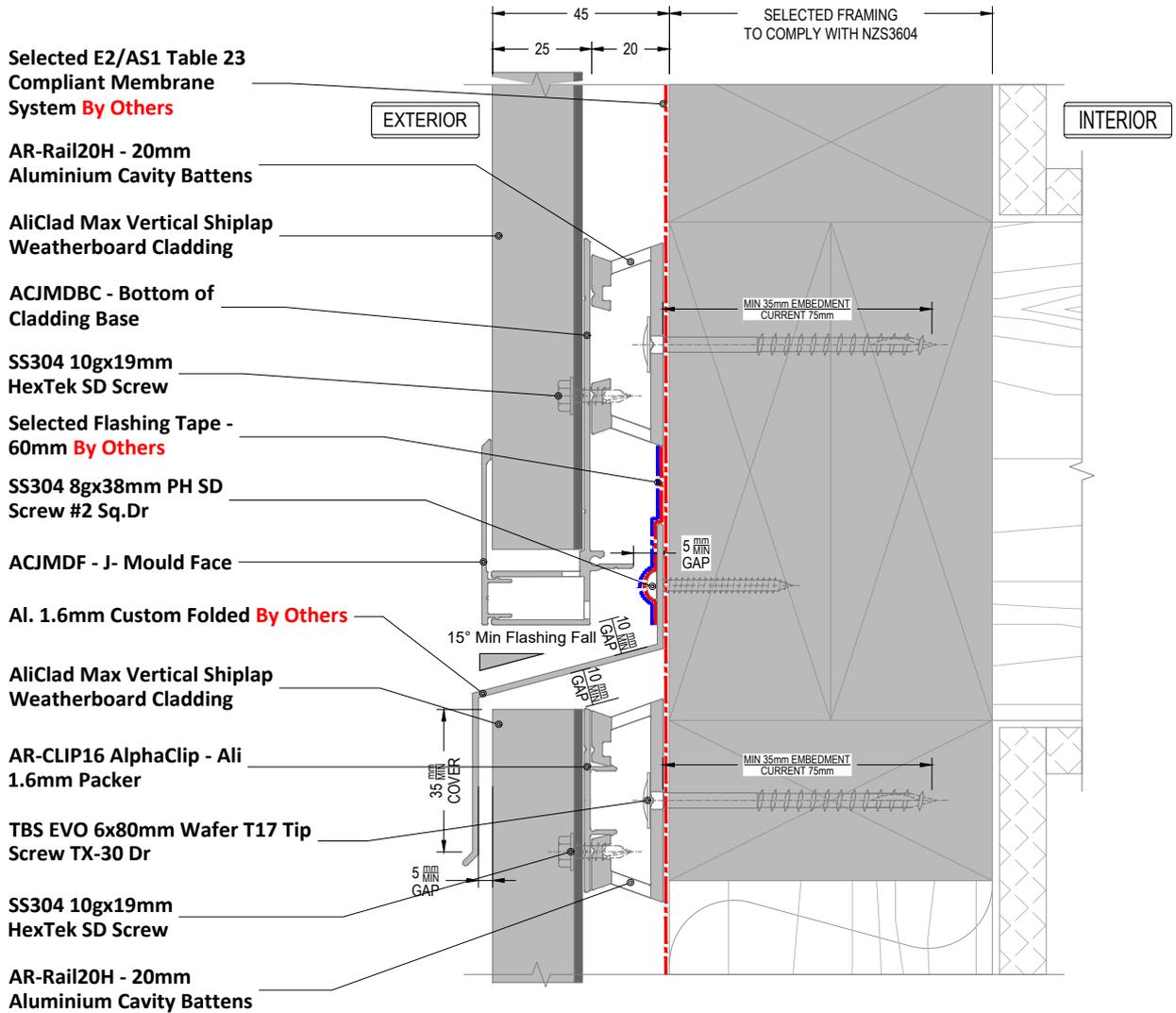
Version

JAN 2024 [v2.3]



MATERIALS • SYSTEMS • SOLUTIONS

ALICLAD MAX



NOTE
Flashings and Angles are not included in the system

Interstorey Joint

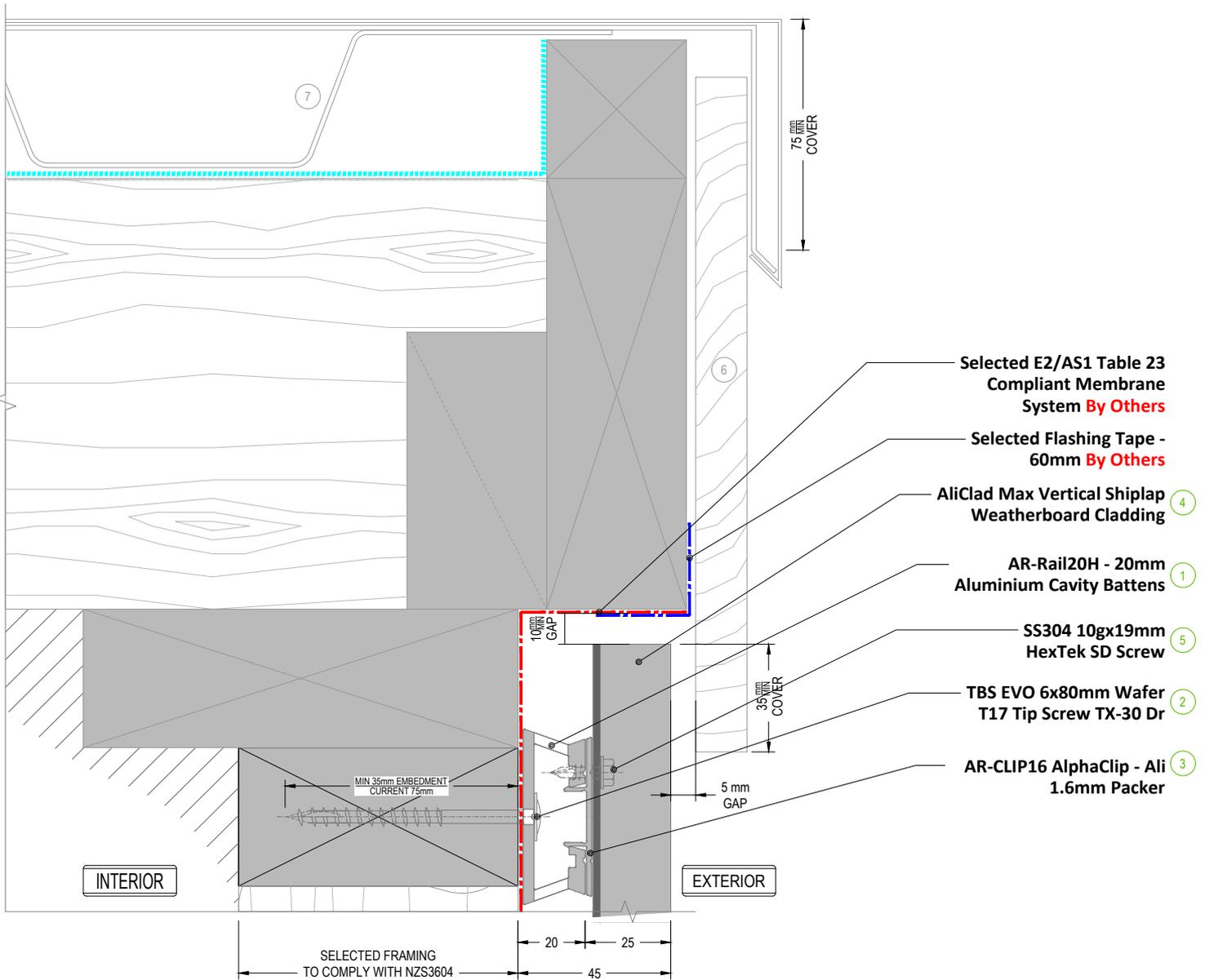
Detail Number
AC-V-AR-3.2

Version
JAN 2024 [v2.3]



MATERIALS • SYSTEMS • SOLUTIONS

ALICLAD MAX



NOTE 1
ACJMDBC - Drained B.O.C. Base Shown in dashed lines

NOTE 2
Additional Framing is required at junction of cladding types to ensure adequate fixing



TOP Cladding_Parapet

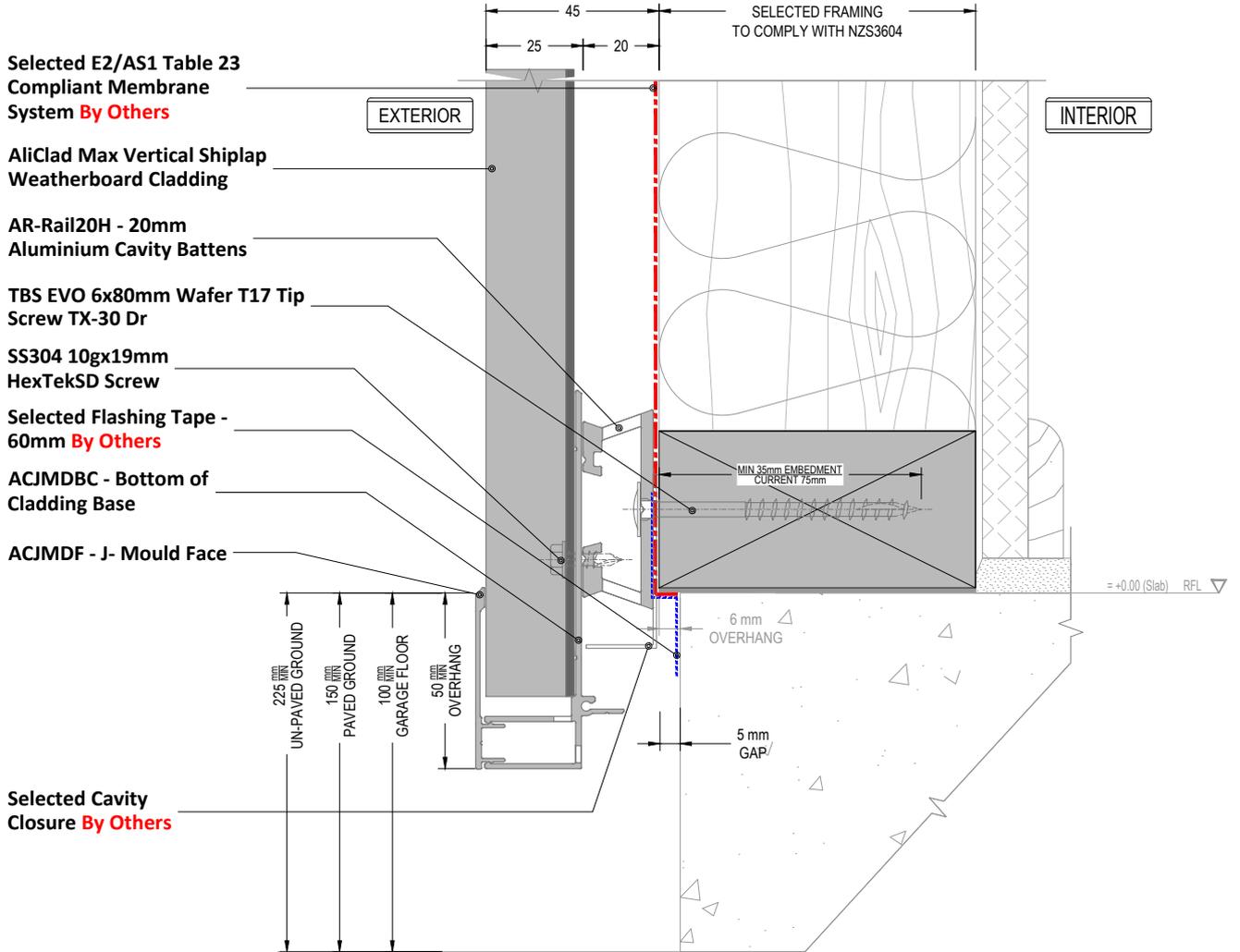
Detail Number _____
AC-V-AR-4.1

Version _____
JAN 2024 [v2.3]



MATERIALS • SYSTEMS • SOLUTIONS

ALICLAD MAX



NOTE
Cavity Closure are not included in the system

BTM Cladding_G.L

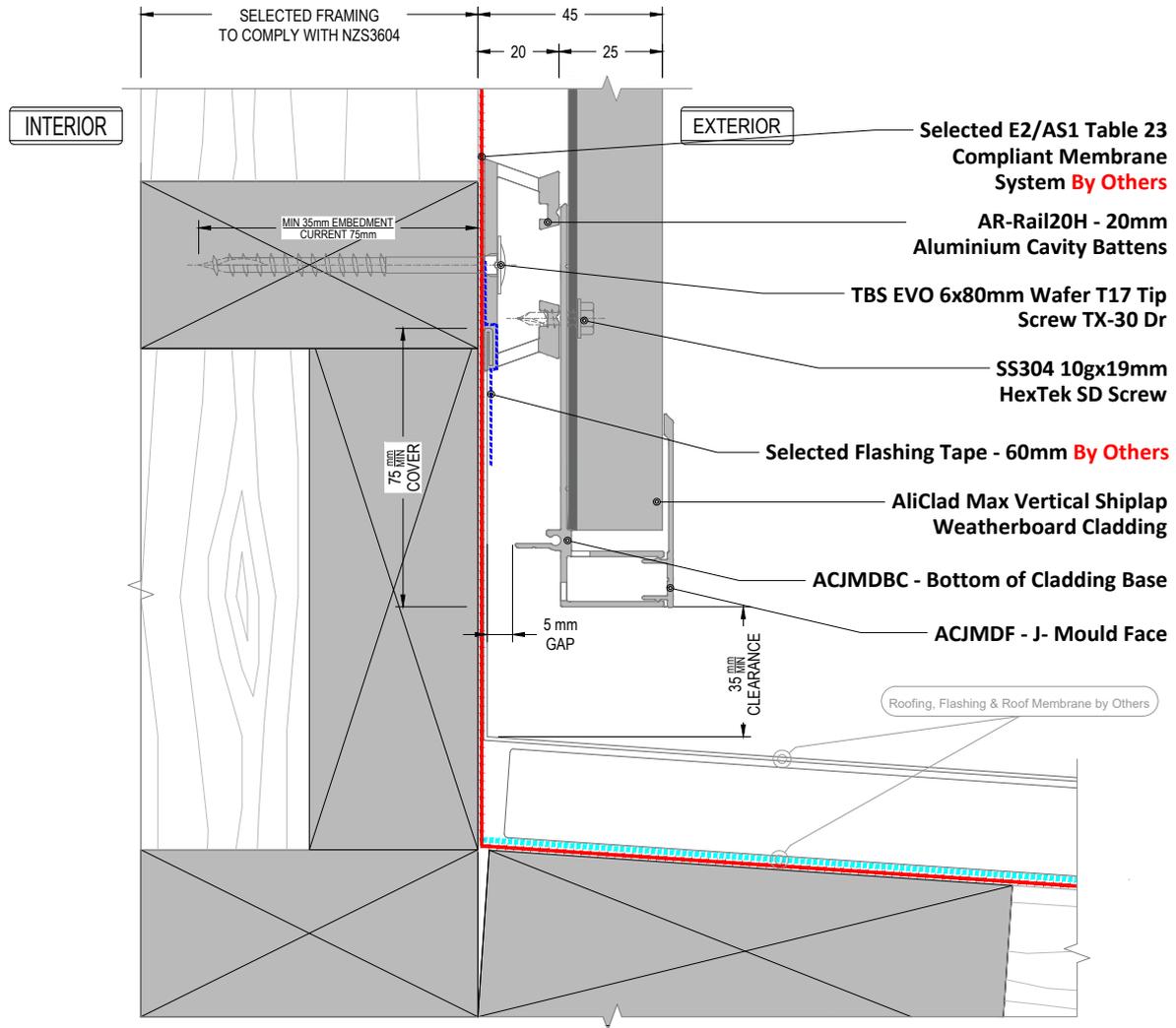
Detail Number _____
AC-V-AR-4.2

Version _____
JAN 2024 [v2.3]



MATERIALS • SYSTEMS • SOLUTIONS

ALICLAD MAX



NOTE

Weathering membrane under soffit is not requirement but is recommendable for air barrier performance when a rigid wind barrier is not in use.

Detail Number

AC-V-AR-4.4

Version

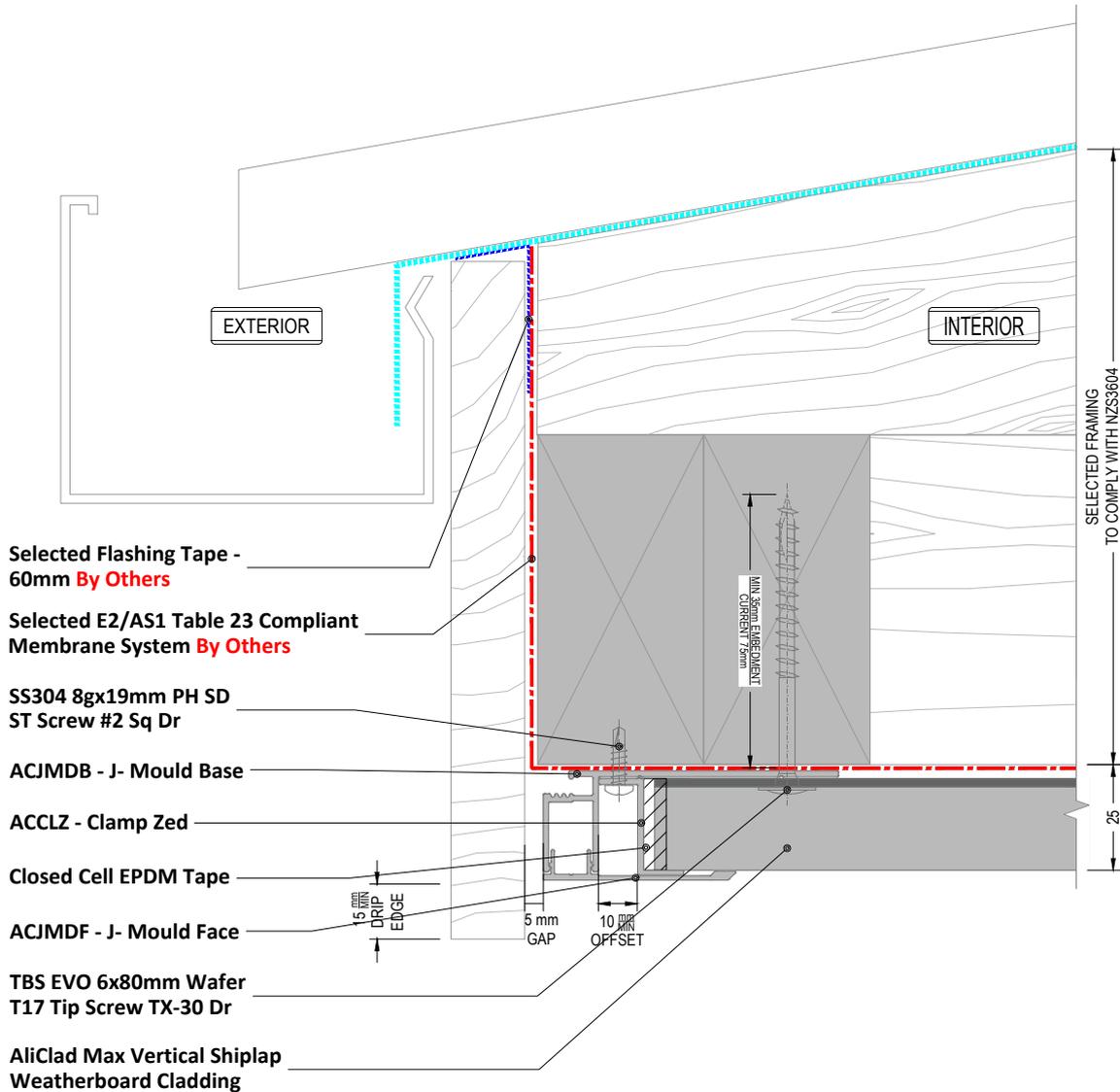
JAN 2024 [v2.3]

BTM Cladding_ Apron Roof



MATERIALS • SYSTEMS • SOLUTIONS

ALICLAD MAX



NOTE

Weathering membrane under soffit is not requirement but is recommendable for air barrier performance when a rigid wind barrier is not in use.

Detail Number

Top Cladding_Barge/Fascia Board

AC-V-AR-4.8

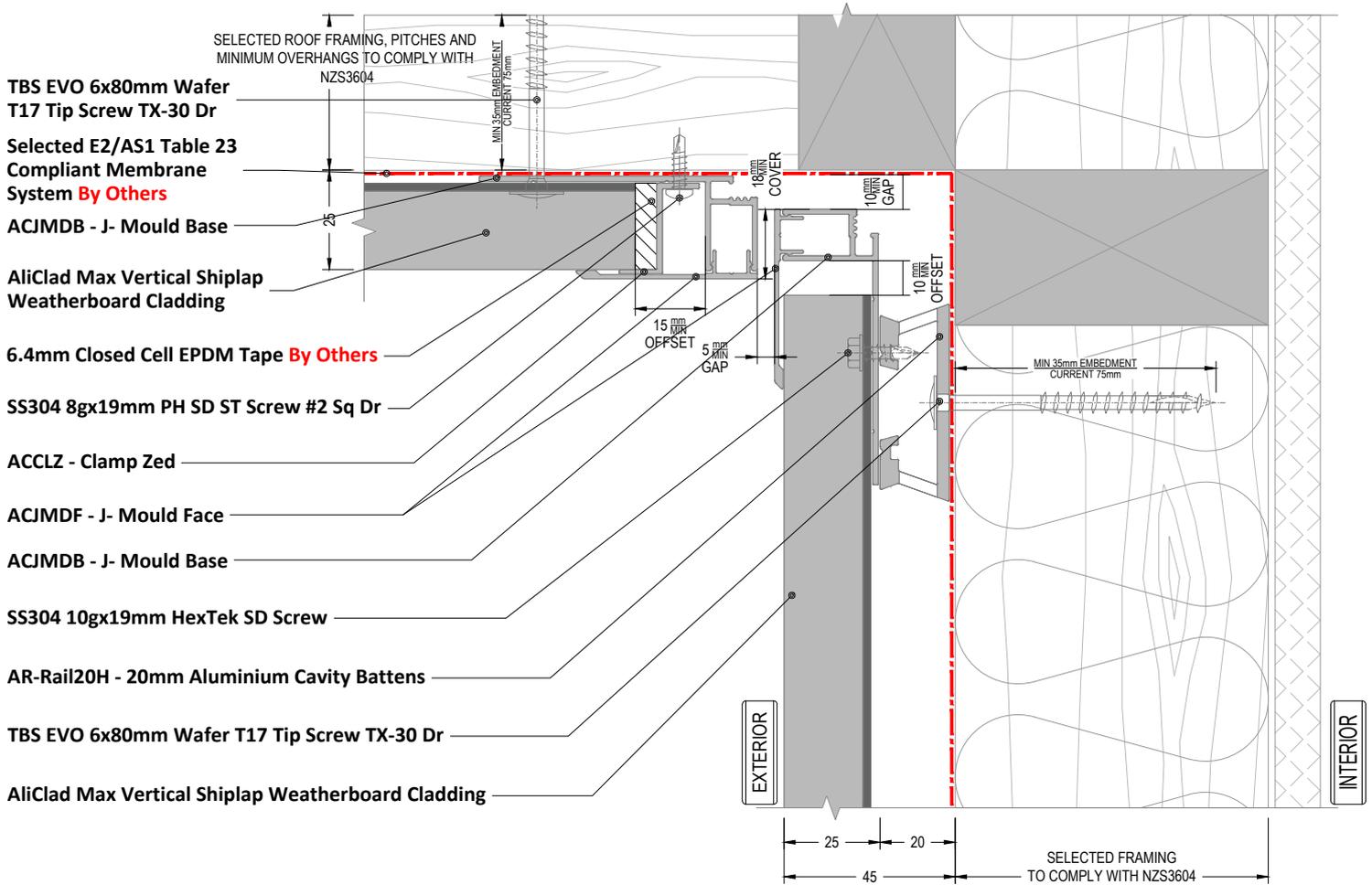
Version

JAN 2024 [v2.3]



MATERIALS • SYSTEMS • SOLUTIONS

ALICLAD MAX



NOTE

Weathering membrane under soffit is not requirement but is recommendable for air barrier performance when a rigid wind barrier is not in use.

Wall BLW_Soffit <90°

Detail Number

AC-V-AR-5.1

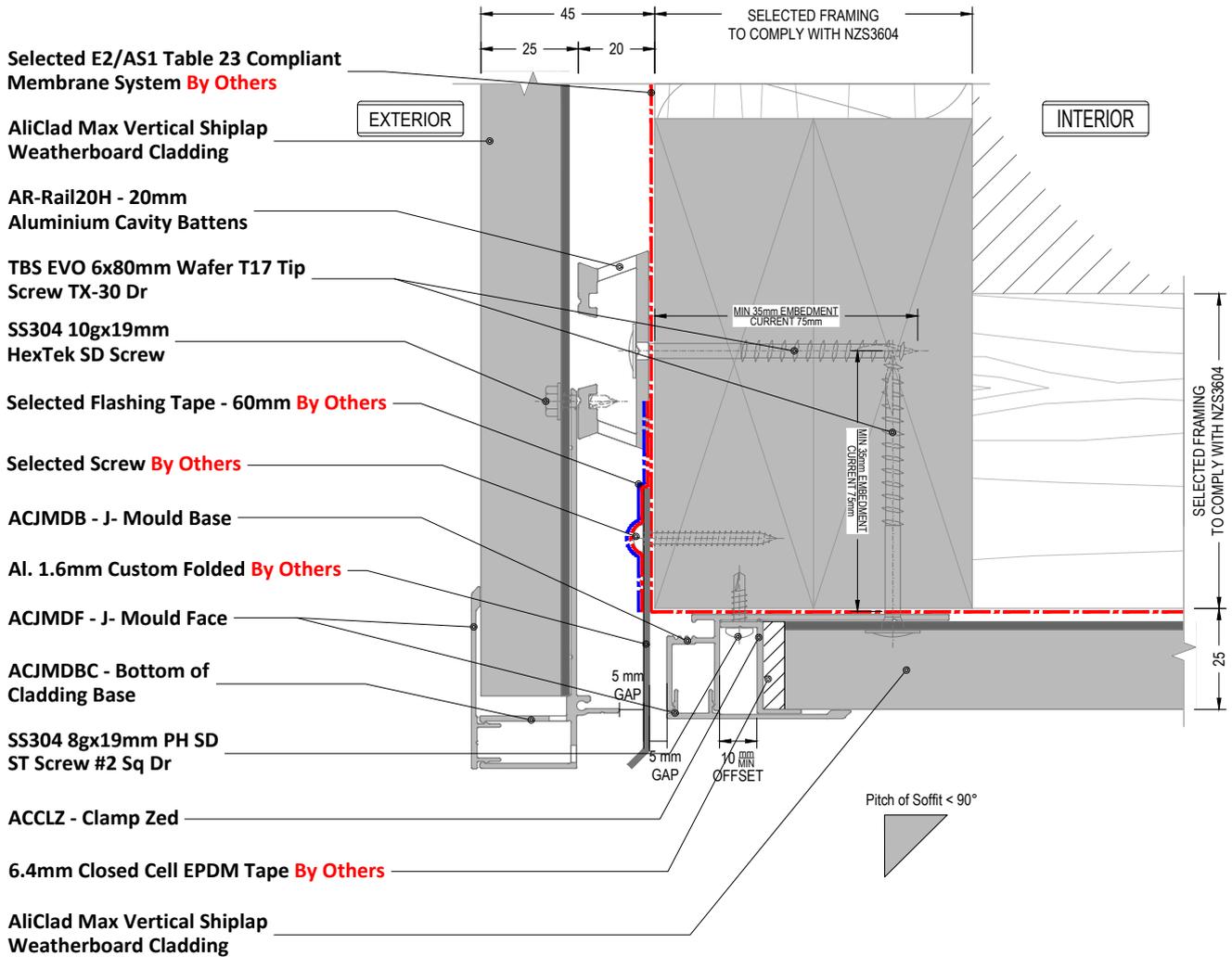
Version

JAN 2024 [v2.3]



MATERIALS • SYSTEMS • SOLUTIONS

ALICLAD MAX



NOTE
Weathering membrane under soffit is not requirement but is recommendable for air barrier performance when a rigid wind barrier is not in use.

NOTE 2
Flashings and Angles are not included in the system

Wall ABV_Soffit <90°

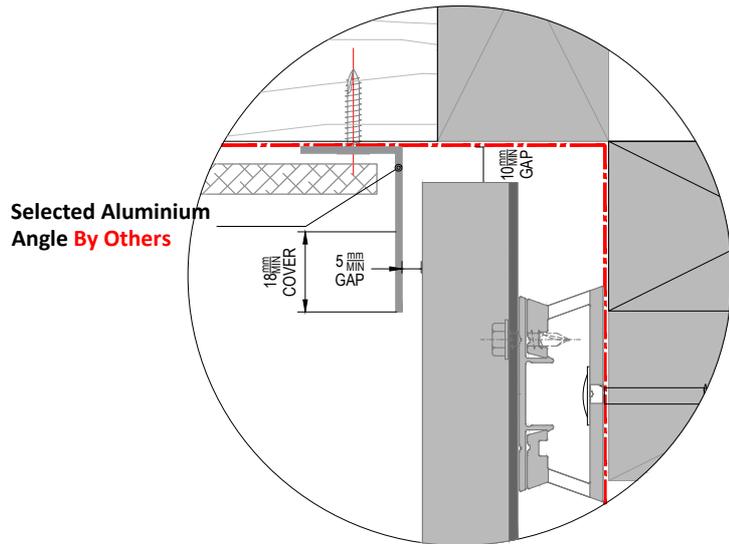
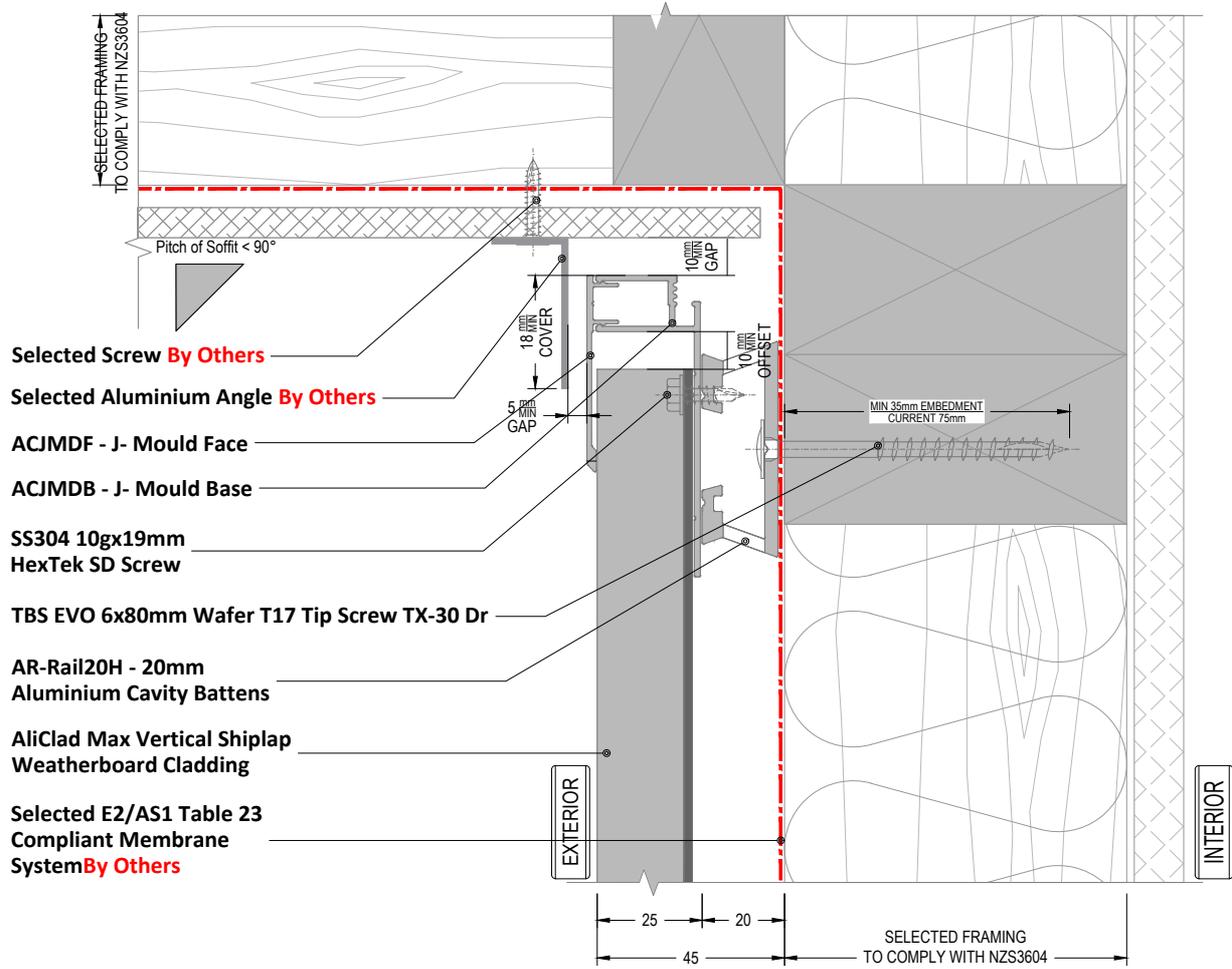
Detail Number
AC-V-AR-5.2

Version
JAN 2024 [v2.3]



MATERIALS • SYSTEMS • SOLUTIONS

ALICLAD MAX



OPTION 2

NOTE
Weathering membrane under soffit is not requirement but is recommendable for air barrier performance when a rigid wind barrier is not in use.

NOTE 2
Flashings and Angles are not included in the system

Detail Number

AC-V-AR-5.6

Version

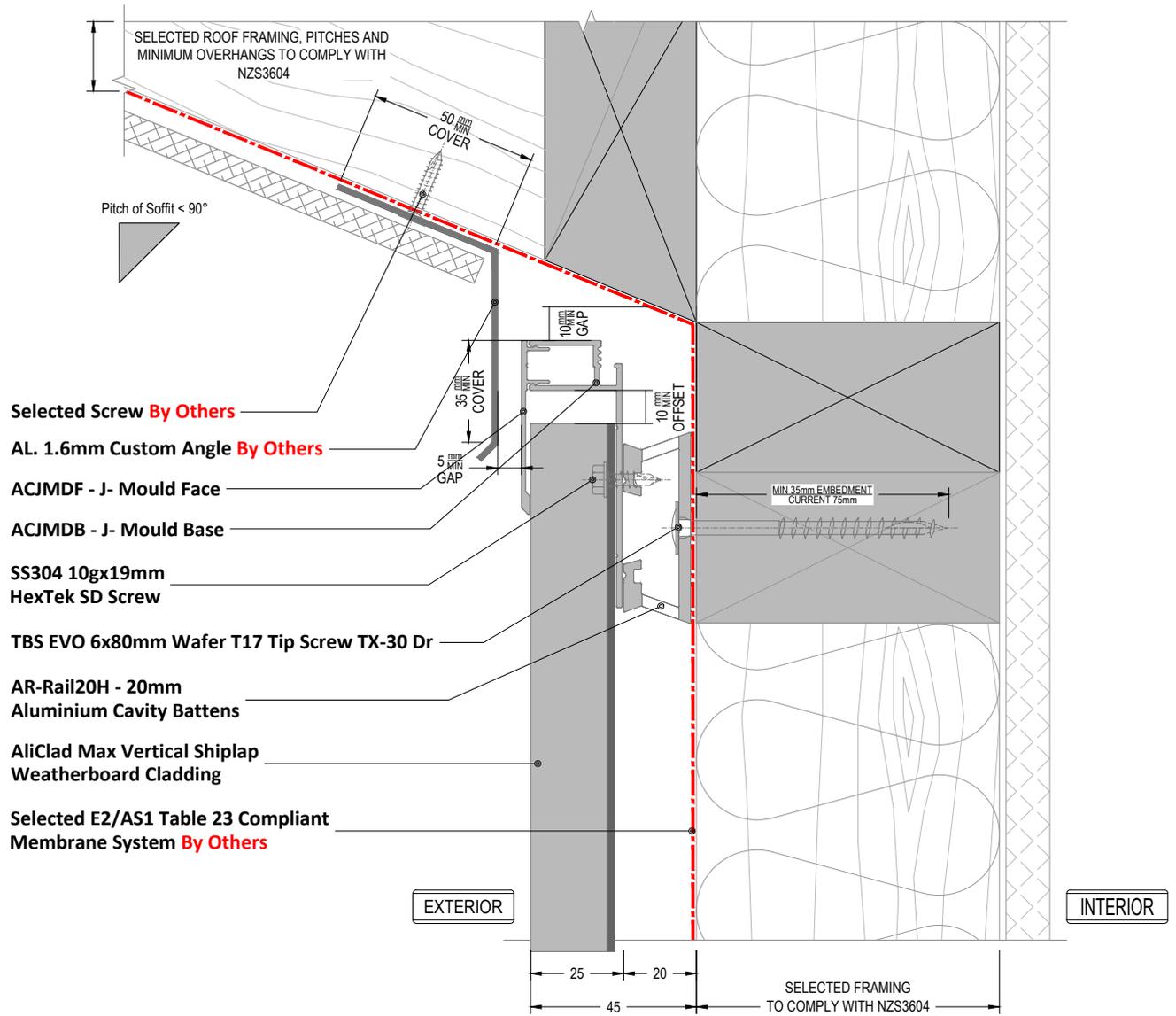
JAN 2024 [v2.3]

Wall BLW_Flat Sheet Soffit <math>< 90^\circ</math>



MATERIALS • SYSTEMS • SOLUTIONS

ALICLAD MAX



NOTE
Weathering membrane under soffit is not requirement but is recommendable for air barrier performance when a rigid wind barrier is not in use.

NOTE 2
Flashings and Angles are not included in the system

Detail Number
AC-V-AR-5.8

Version
JAN 2024 [v2.3]

Wall BLW_Flat Sheet Soffit $>90^\circ$



MATERIALS • SYSTEMS • SOLUTIONS

ALICLAD MAX

Wet Seal Adhesion Tape **By Others**

Sill Tape - 150mm **By Others**

TBS EVO 6x80mm Wafer
T17 Tip Screw TX-30 Dr

SS304 8gx38mm PH SD
Screw #2 Sq.Dr

ACJMC - Jamb Clip

Selected Sealant on PEF Rod
to suit gap **By Others**

ACJMF - Jamb Flashing

Selected E2/AS1 Table 23
Compliant Membrane
System **By Others**

AR-Rail20H - 20mm
Aluminium Cavity Battens

SS304 10gx19mm
HexTek SD Screw

ACJMDB - J- Mould Base

AliClad Max Vertical Shiplap
Weatherboard Cladding

ACJMDBC - Drained B.o.C. Base

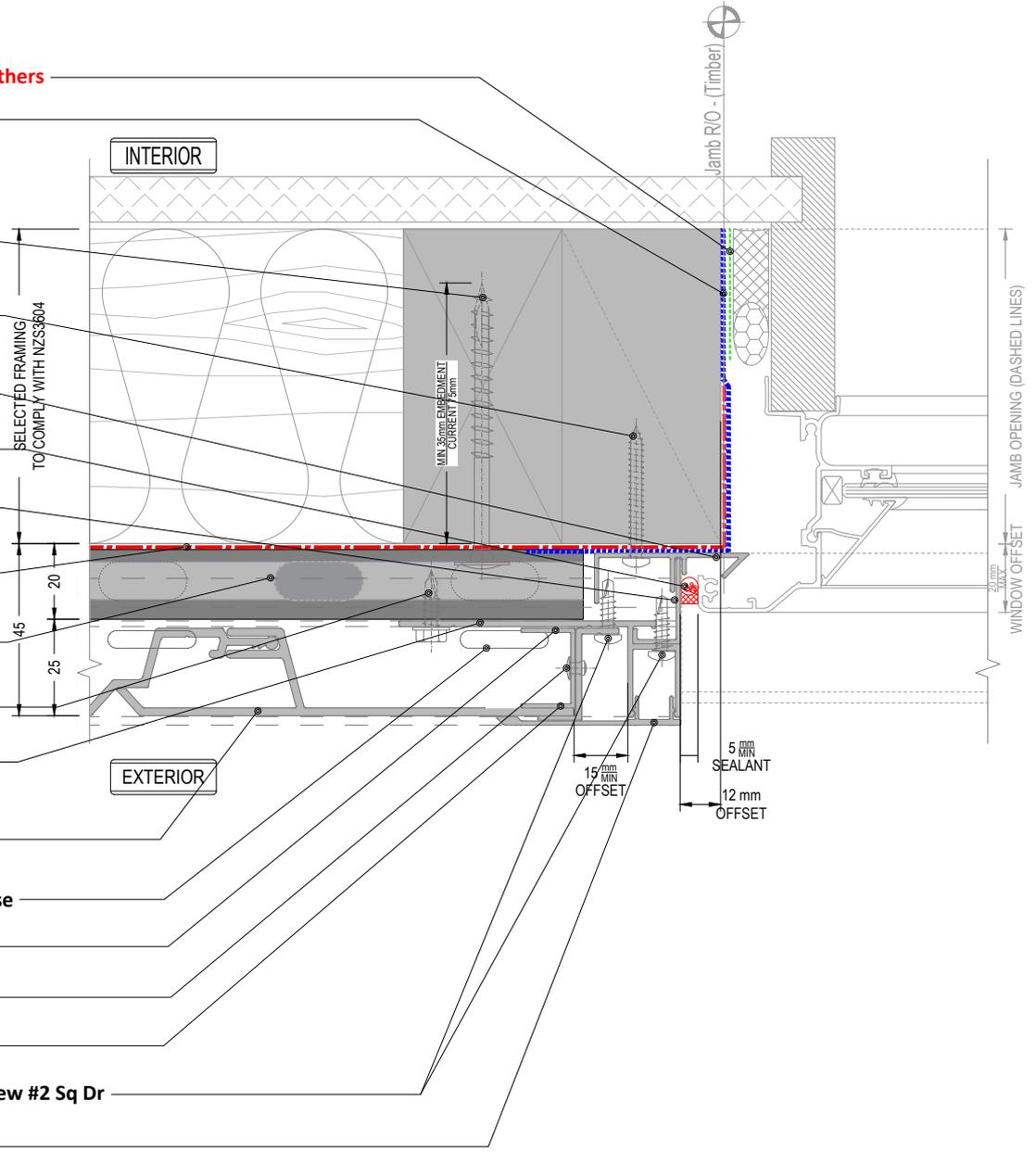
ACCLC - Clamp Channel

AS73 4-4 Truss Pop Rivet

ACCLZ - Clamp Zed

SS304 8gx19mm PH SD ST Screw #2 Sq Dr

ACJMDF - J- Mould Face



NOTE
ACJMDBC - Drained B.O.C. Base Shown in dashed lines

Detail Number

AC-V-AR-7.1

Version

JAN 2024 [v2.3]

Window Jamb_Recessed



MATERIALS • SYSTEMS • SOLUTIONS

ALICLAD MAX

Selected E2/AS1 Table 23
Compliant Membrane
System **By Others**

AR-Rail20H - 20mm
Aluminium Cavity Battens

AliClad Max Vertical Shiplap
Weatherboard Cladding

TBS EVO 6x80mm Wafer T17 Tip
Screw TX-30 Dr

SS304 10gx19mm
HexTekSD Screw

Selected Flashing Tape - 60mm **By Others**

Selected Screw **By Others**

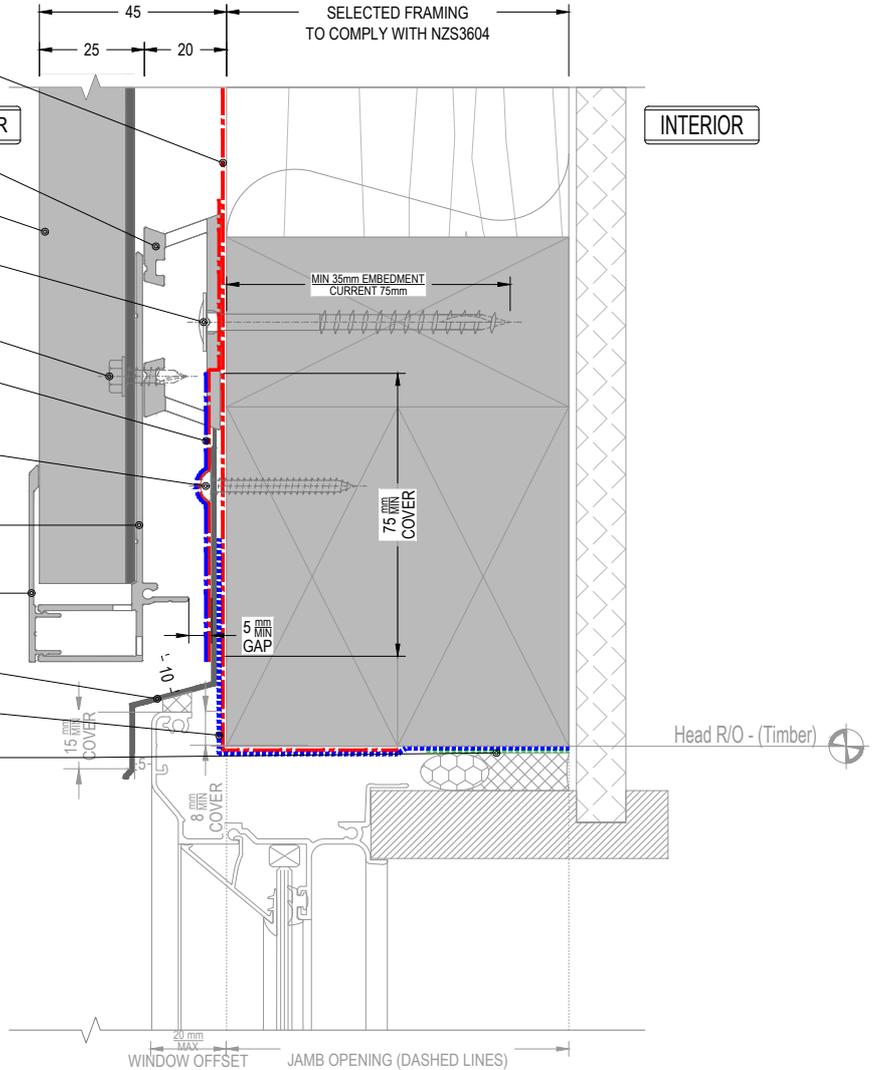
ACJMDBC - Bottom of
Cladding Base

ACJMDF - J- Mould Face

Al. 1.6mm Custom Folded **By Others**

Sill Tape - 150mm **By Others**

Wet Seal Adhesion Tape **By Others**



NOTE

Refer to drawing "7.1" for Sill/Jamb Junction

NOTE 2

Flashings and Angles are not included in the system

Detail Number

AC-V-AR-7.2

Version

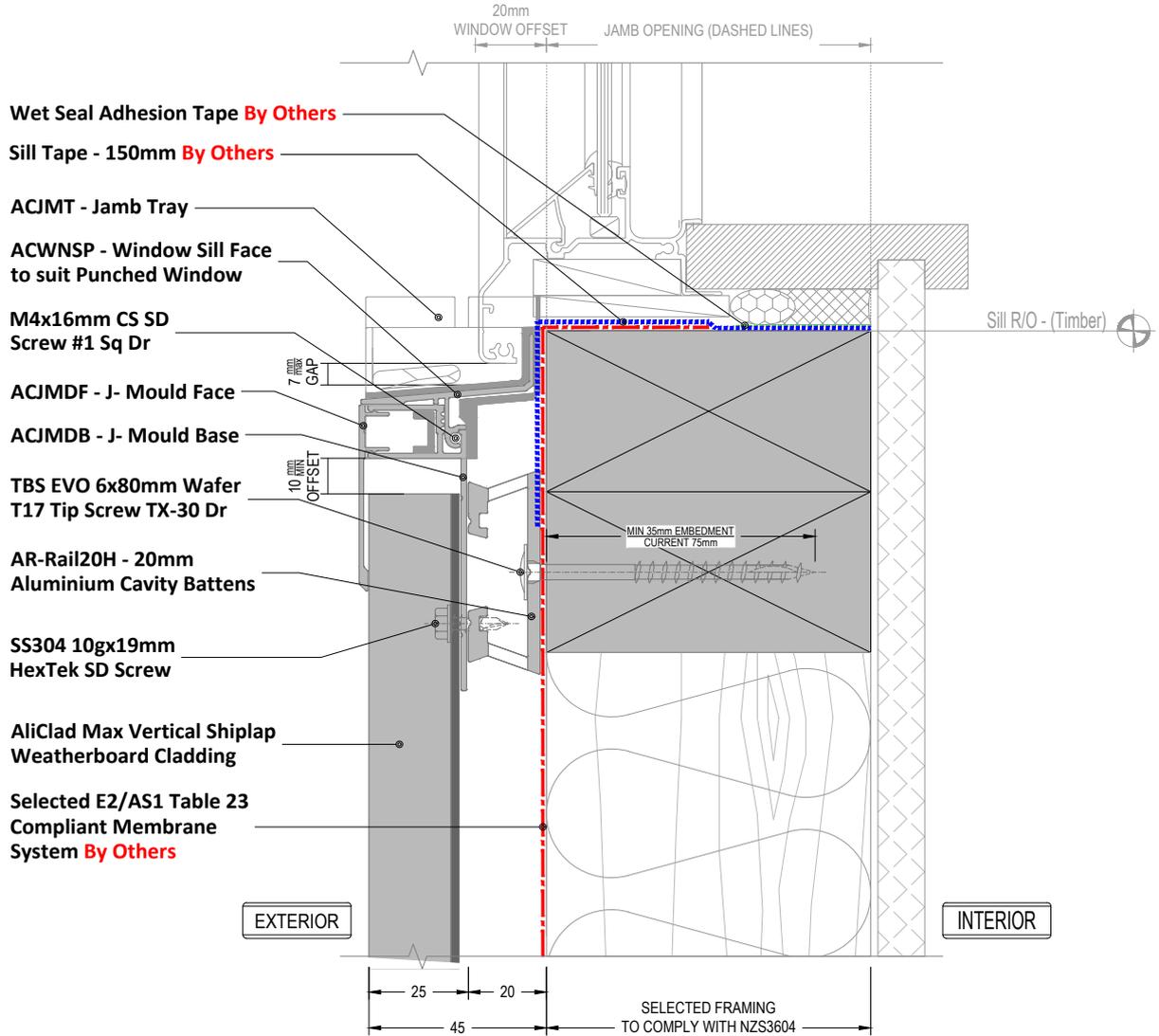
JAN 2024 [v2.3]

Window Head_Recessed



MATERIALS • SYSTEMS • SOLUTIONS

ALICLAD MAX



NOTE
Refer to drawing "7.1" for Sill/Jamb Junction

Window Sill_Recessed

Detail Number
AC-V-AR-7.3

Version
JAN 2024 [v2.3]



MATERIALS • SYSTEMS • SOLUTIONS

ALICLAD MAX

Wet Seal Adhesion Tape **By Others**

Sill Tape - 150mm **By Others**

TBS EVO 6x80mm Wafer
T17 Tip Screw TX-30 Dr

SS304 8gx38mm PH SD
Screw #2 Sq.Dr

ACJMC - Jamb Clip

ACJMF - Jamb Flashing

Selected E2/AS1 Table 23
Compliant Membrane
System **By Others**

AR-Rail20H - 20mm
Aluminium Cavity Battens

SS304 10gx19mm
HexTek SD Screw

ACJMDB - J- Mould Base

AliClad Max Vertical Shiplap
Weatherboard Cladding

ACJMDBC - Drained B.o.C. Base

ACCLC - Clamp Channel

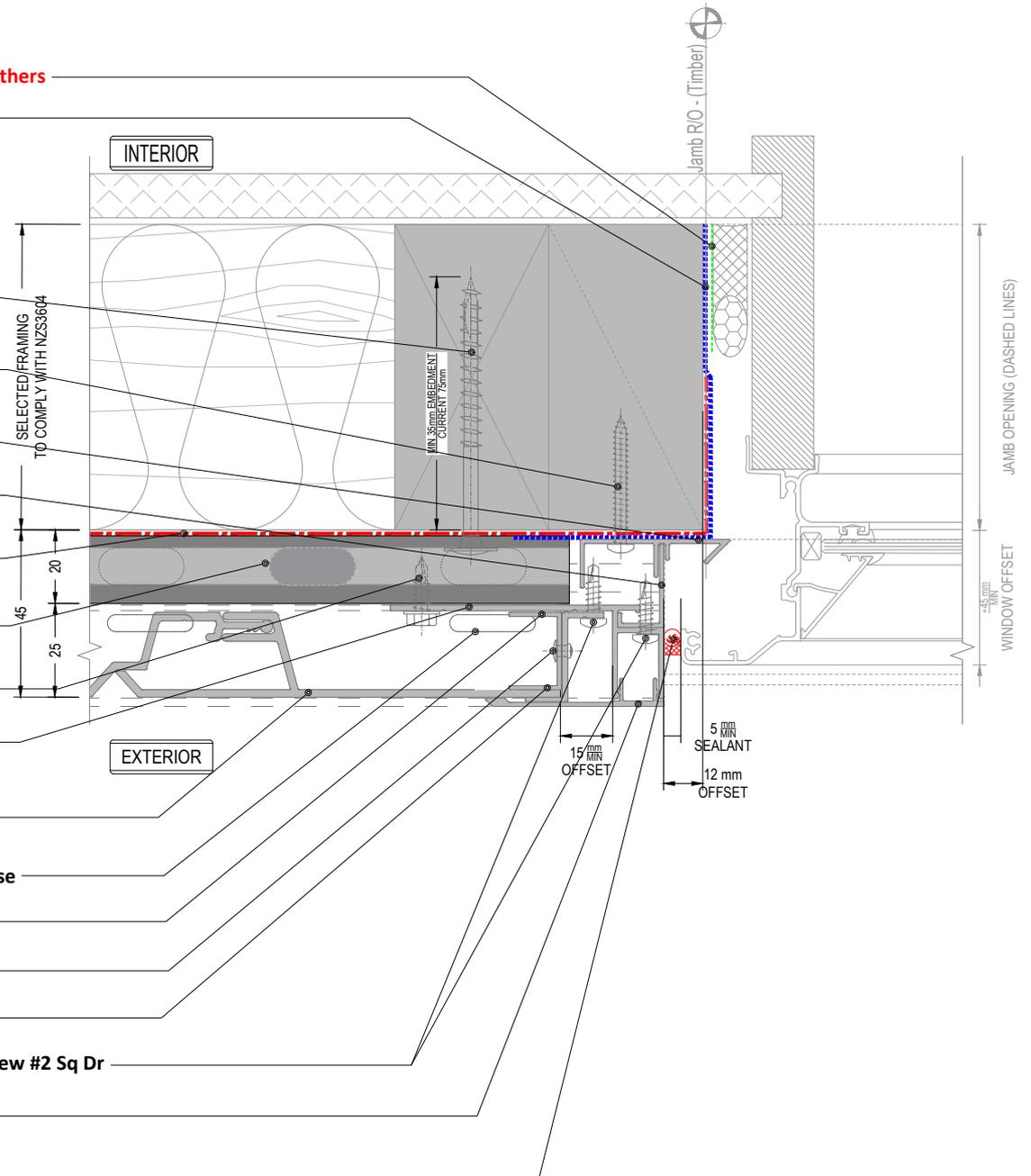
AS73 4-4 Truss Pop Rivet

ACCLZ - Clamp Zed

SS304 8gx19mm PH SD ST Screw #2 Sq Dr

ACJMDF - J- Mould Face

Selected Sealant on PEF Rod
to suit gap **By Others**



NOTE
ACJMDBC - Drained B.O.C. Base Shown in dashed lines

Window Jamb_WANZ/Supported

Detail Number

AC-V-AR-7.4

Version

JAN 2024 [v2.3]



MATERIALS • SYSTEMS • SOLUTIONS

ALICLAD MAX

Selected E2/AS1 Table 23
Compliant Membrane
System **By Others**

AR-Rail20H - 20mm
Aluminium Cavity Battens

AliClad Max Vertical Shiplap
Weatherboard Cladding

TBS EVO 6x80mm Wafer T17 Tip
Screw TX-30 Dr

SS304 10gx19mm
HexTekSD Screw

Selected Flashing Tape - 60mm **By Others**

SS304 8gx38mm PH SD
Screw #2 Sq.Dr

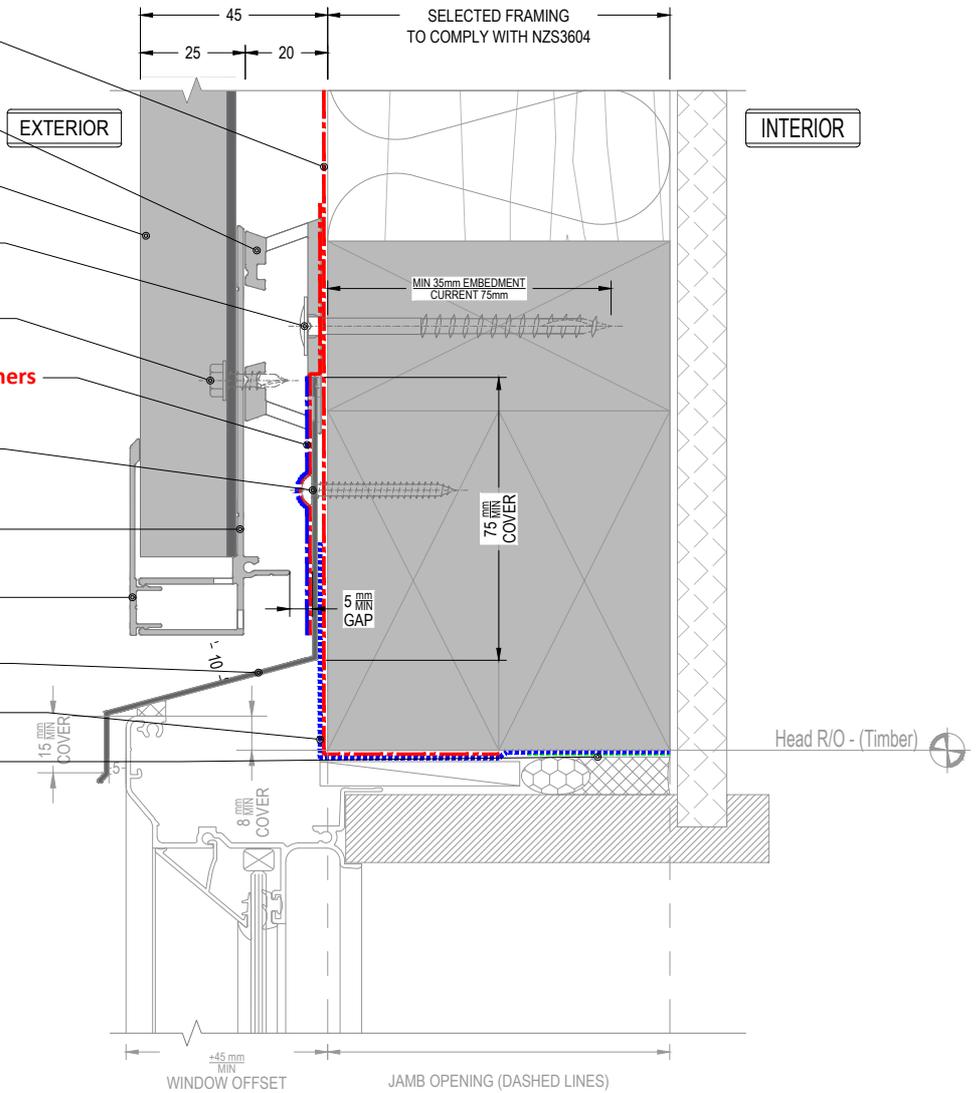
ACJMDBC - Bottom of
Cladding Base

ACJMDF - J- Mould Face

Al. 1.6mm Custom Folded **By Others**

Sill Tape - 150mm **By Others**

Wet Seal Adhesion Tape **By Others**



NOTE
Refer to drawing "7.4" for Sill/Jamb Junction
NOTE 2
Flashings and Angles are not included in the system

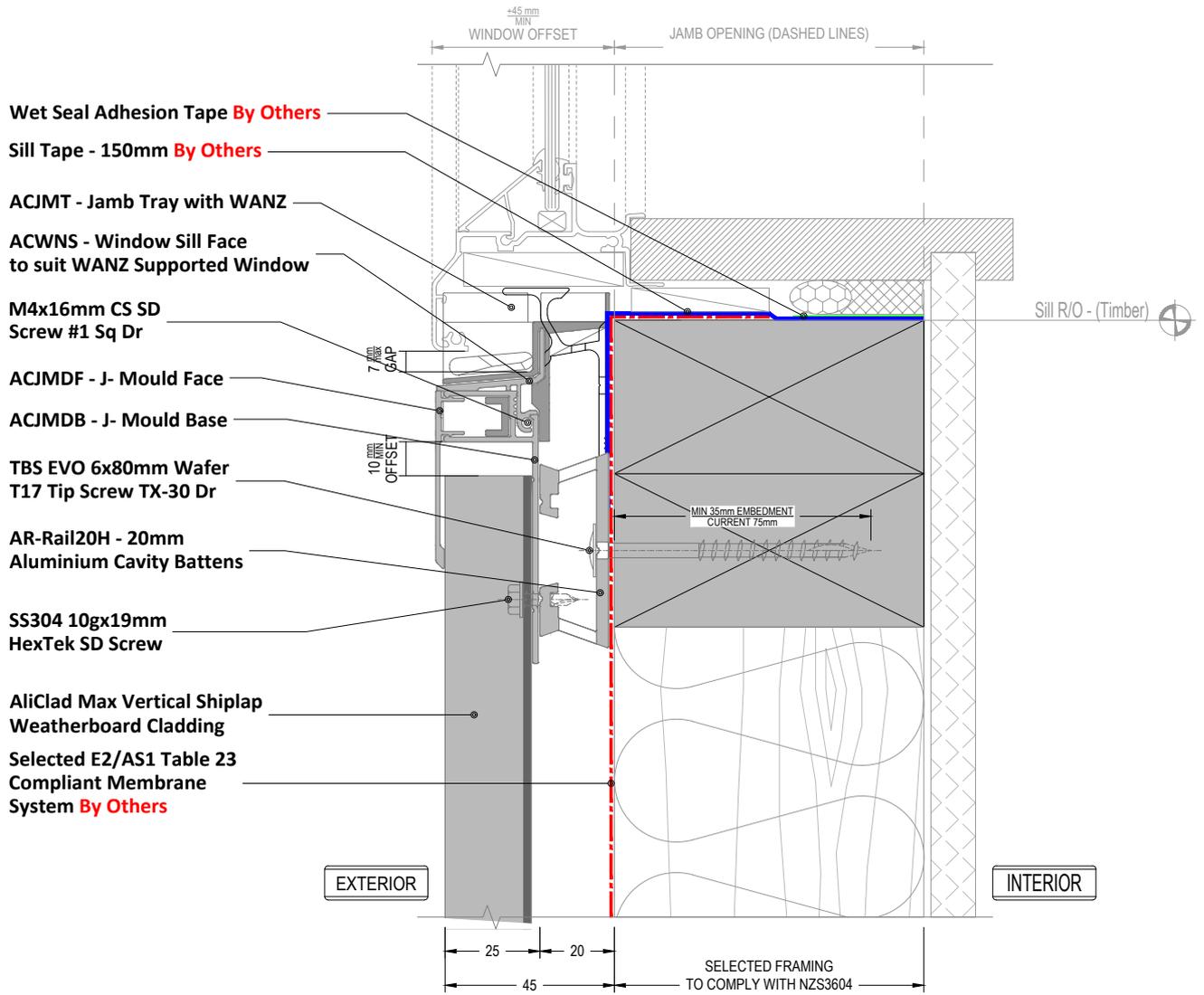
Detail Number
AC-V-AR-7.5
Version
JAN 2024 [v2.3]

Window Head_WANZ/Supported



MATERIALS • SYSTEMS • SOLUTIONS

ALICLAD MAX



NOTE
Refer to drawing "7.4" for Sill/Jamb Junction

Window Sill_WANZ/Supported

Detail Number
AC-V-AR-7.6
Version

JAN 2024 [v2.3]



MATERIALS • SYSTEMS • SOLUTIONS