ALICLAD MAX

= HORIZONTAL =

ALPHA RAIL

high performance aluminium weatherboard system

THE BUILDING AGENCY

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 System, 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 System 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 and been tested to be E2 via NZS4284:2008.

STRUCTURE: The AliClad Max System is designed for buildings in wind zones from Low to 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 System is tested for buildings over 25m in total height by a full-scale system fire performance test to BR135 and 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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ALICLAD MAX

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AliClad Max - Horizontal - Alpha Rail

Detail List

Detail Number

AC-H-AR-DL.2

Version

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ALICLAD MAX

COMPLIANCE STATEMENT

AliClad Max System 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 System** on 20mm Drained & Ventilated cavities.
Allowance must be made for unhindered thermal expansion and contraction. AliClad Max System 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

B1.3.1, B1.3.2, B1.3.3(a,f,h,j,q), B1.3.4

AliClad Max 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 System 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 System will meet NZBC Clause B1.

NZBC Clause E2 External Moisture

E2.3.2, E2.3.5, E.2.3.7

AliClad Max System 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

C3.5, C3.6, C3.7a

AliClad Max System 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 System can contribute to a building's performance when specified on one of the applicable non-combustible support systems available.

NZBC Clause B2 Durability

B2.3.1b, B2.3.2

AliClad Max System 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 System is finished using premium powder coating systems, applied locally.

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 System 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 System, 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

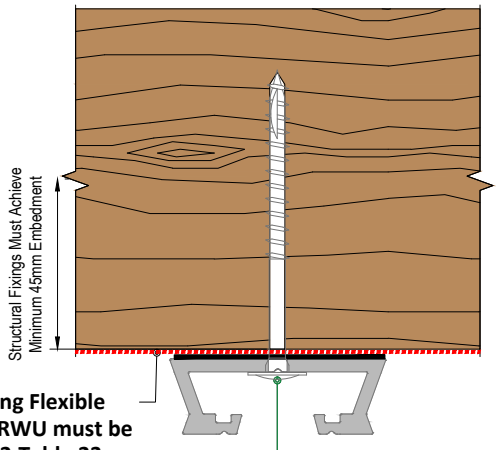
Table 4: Horizontally Aligned - Installed on AlphaRail20

WIND ZONE	ALICLAD MAX TYPE				
	V136	V200	S150	S200	S125/75
	MAXIMUM ALLOWABLE SPAN (mm)				
LOW 00m/s-32m/s | <0.6kPa	1200	1200	1200	1200	1200
MEDIUM 32m/s-37m/s | >0.66kPa & <0.88kPa	900	800	800	800	800
HIGH 37m/s-44m/s | >0.88kPa & <1.25kPa	600	600	600	600	600
VERY HIGH 44m/s-50m/s | >1.25kPa & <1.61kPa	500	400	400	400	400
EXTRA HIGH 50m/s-55m/s | >1.61kPa & <1.9kPa	400	400	400	400	400
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

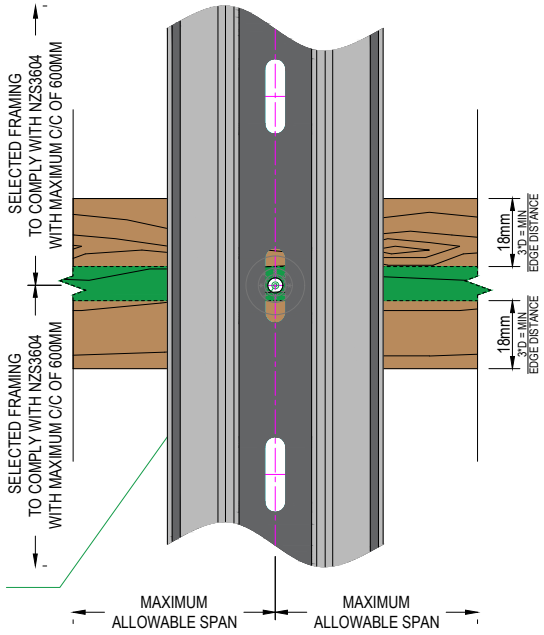
** Design Assumptions:*

1. 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.
2. Load on each panel is uniformly distributed.
3. 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.
4. SS304 10g x 19mm HexTek SD Screw 10mm Hex (AliClad board to AlphaRail 20/Zincalume tophat.
5. Timber is assumed Radiata Pine (*Group J4 for withdrawal, group 5 in shear, with a characteristic density in excess of 420kg/m³).*
   - 5.1. Timber studs at 600mm o/c and
   - 5.2. timber nogs/dwangs at 800mm o/c and
6. 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 Vertical 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

THE BUILDING AGENCY

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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.

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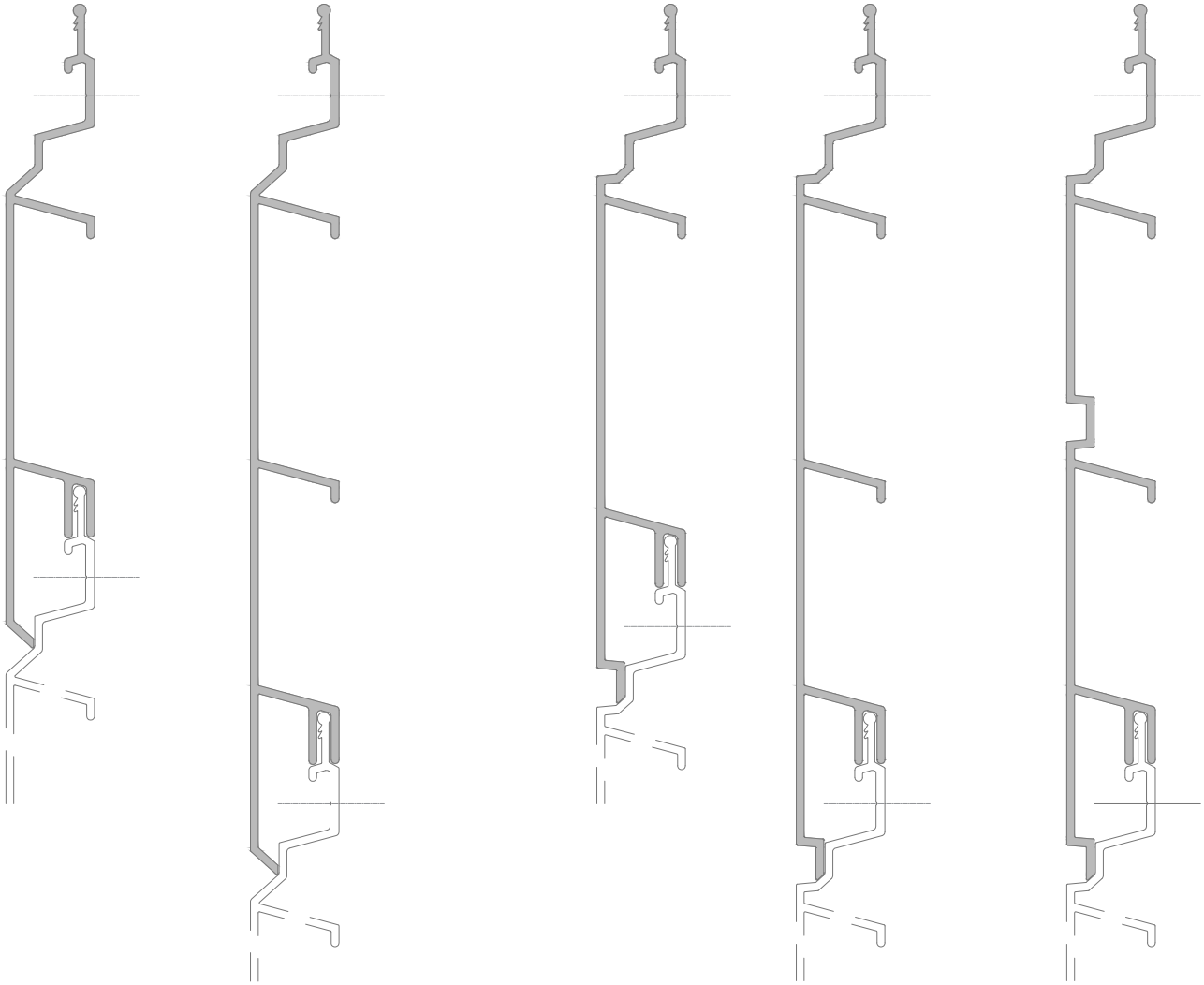
ALICLAD MAX

CLADDING PROFILES

HIGH PERFORMANCE ALUMINIUM
WEATHERBOARD SYSTEM

2.1

V136 V200 S150 S200 S125-75



V EE - GROOVE

S QUARE - GROOVE

Extruded Profiles - Cladding

Detail Number

AC-H-AR-PRO-01

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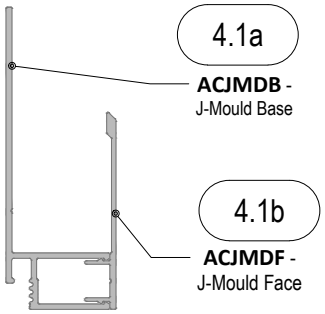
ALICLAD MAX

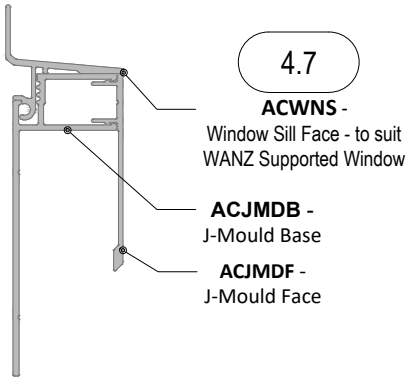
TRIMS - PROFILES

TYPICAL ASSEMBLIES

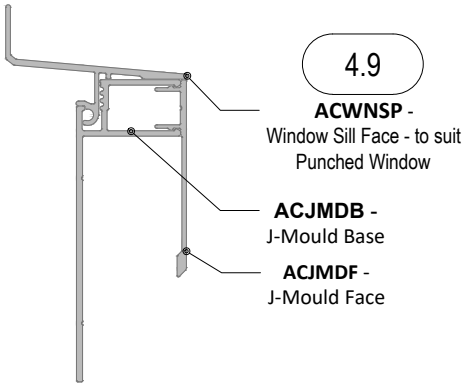
J-MOULD



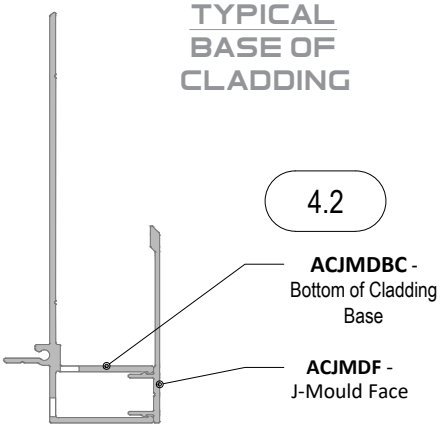
WANZ WINDOW SILL



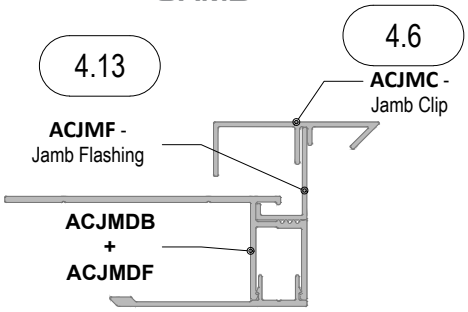
PUNCHED WINDOW SILL



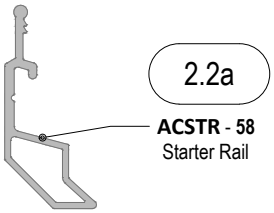
TYPICAL BASE OF CLADDING



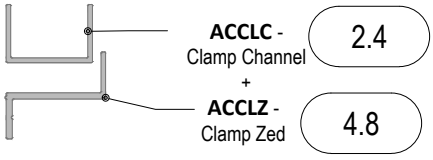
TYPICAL JAMB



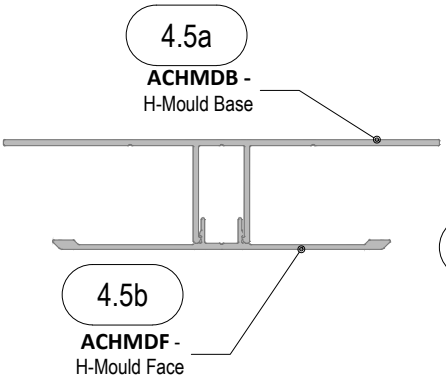
STARTER



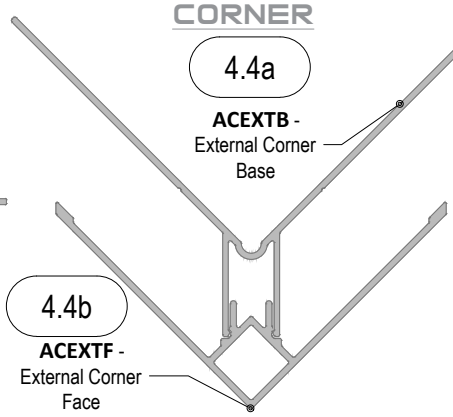
ENDER



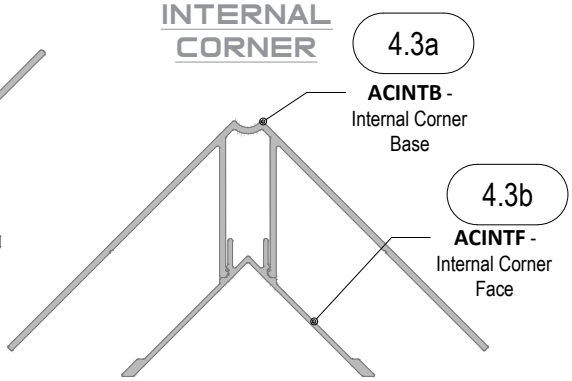
TYPICAL VERTICAL H-JOINT



EXTERNAL CORNER



INTERNAL CORNER



Extruded Profiles - Trims

Detail Number

AC-H-AR-PRO-02

Version

JAN 2024 [v1.5]

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ALICLAD MAX

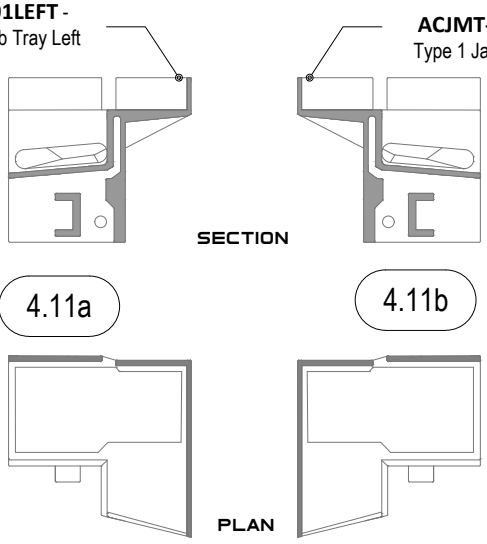
MECHANICAL DRAINAGE SYSTEM

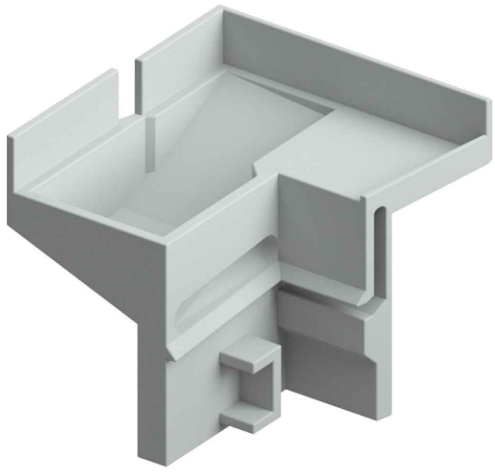
PROPRIETARY JAMB-TO-SILL DRAINAGE CLIPS - AVAILABLE IN WHITE, GREY AND BLACK.

TYPE I - FOR WINDOWS USING WANZ BAR SUPPORT

ACJMT-01LEFT -
Type 1 Jamb Tray Left

ACJMT-01RIGHT -
Type 1 Jamb Tray Right

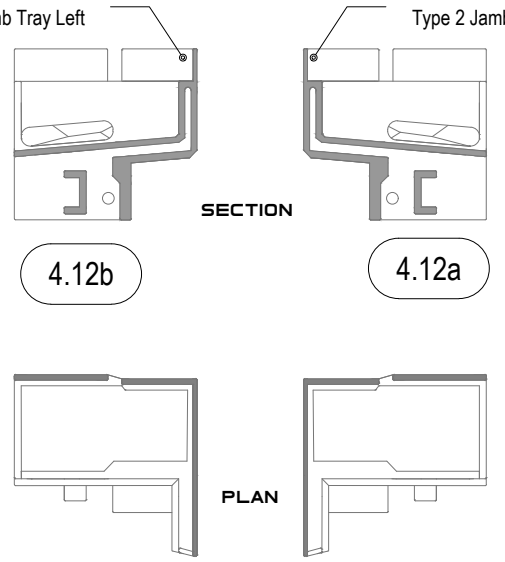


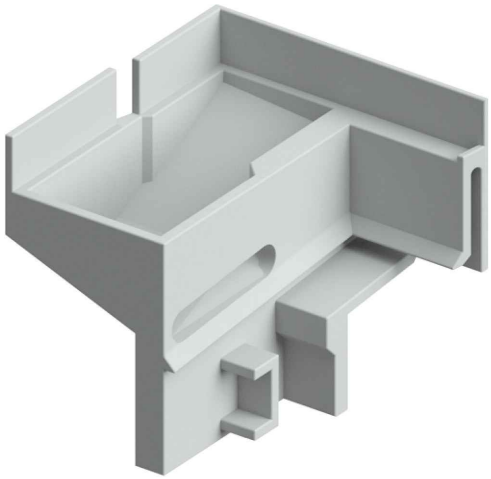


TYPE II - FOR PUNCHED OR RECESSED WINDOWS

ACJMT-02LEFT -
Type 2 Jamb Tray Left

ACJMT-02RIGHT -
Type 2 Jamb Tray Right





Mechanical Drainage System

Detail Number

AC-V-AR-ACC-01

Version

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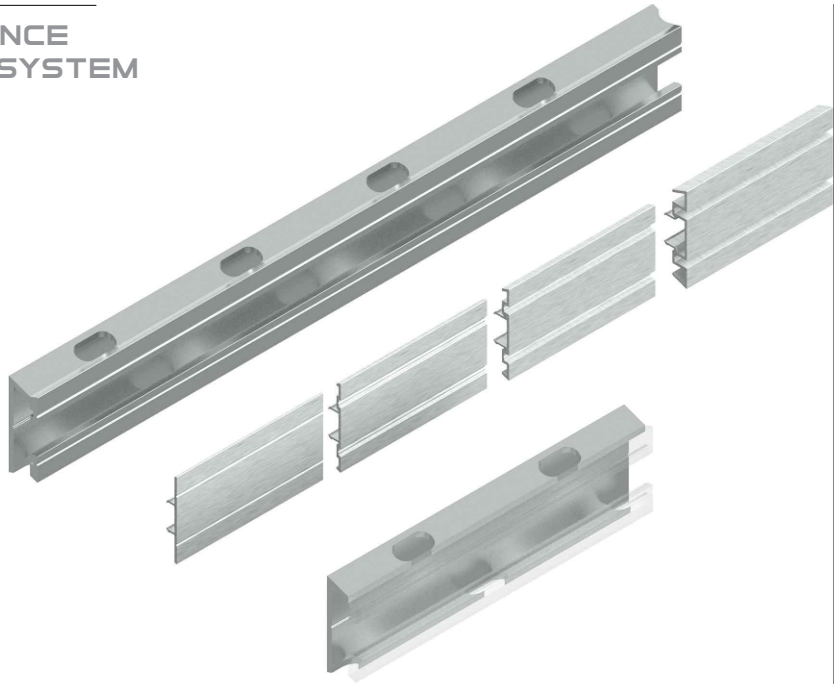
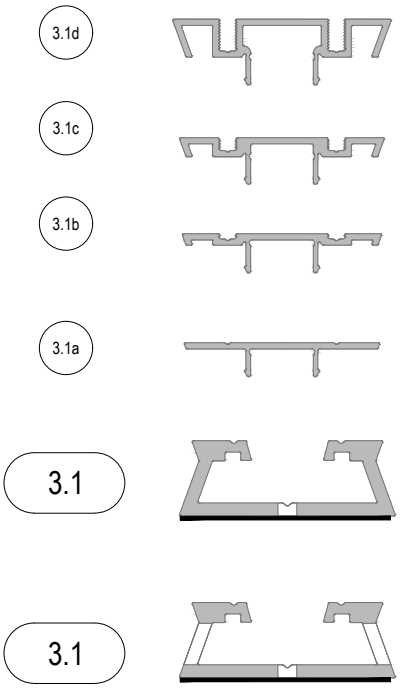
ALPHA RAIL SYSTEM

HIGH PERFORMANCE ALUMINIUM BATTEN SYSTEM PROFILES





ALPHA CLIP 10MM
Order Code: AR-Clip100

ALPHA CLIP 5MM
Order Code: AR-Clip50

ALPHA CLIP 3MM
Order Code: AR-Clip30

ALPHA CLIP 1.6MM
Order Code: AR-Clip16

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

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

Alpha Rail System

Detail Number

AC-V-AR-ACC-02

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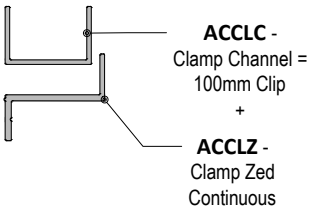
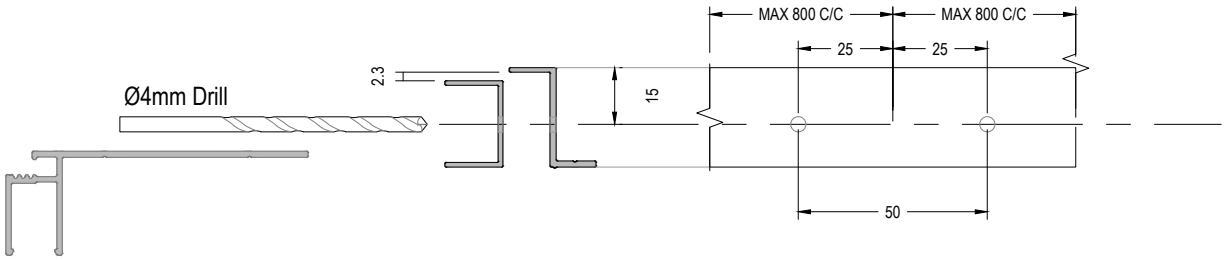
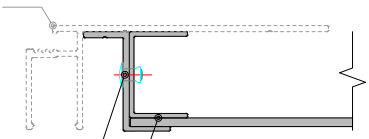
PROCESSING - RIPPED WEATHERBOARD TERMINATION



ACCLC -
Clamp Channel =
100mm Clip
+
ACCLZ -
Clamp Zed
Continuous

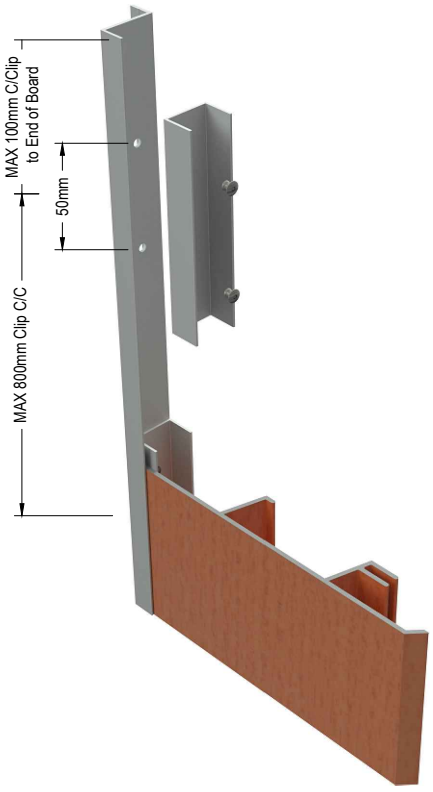


Common location for termination assembly : Into J-Moulds or Corner moulds



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



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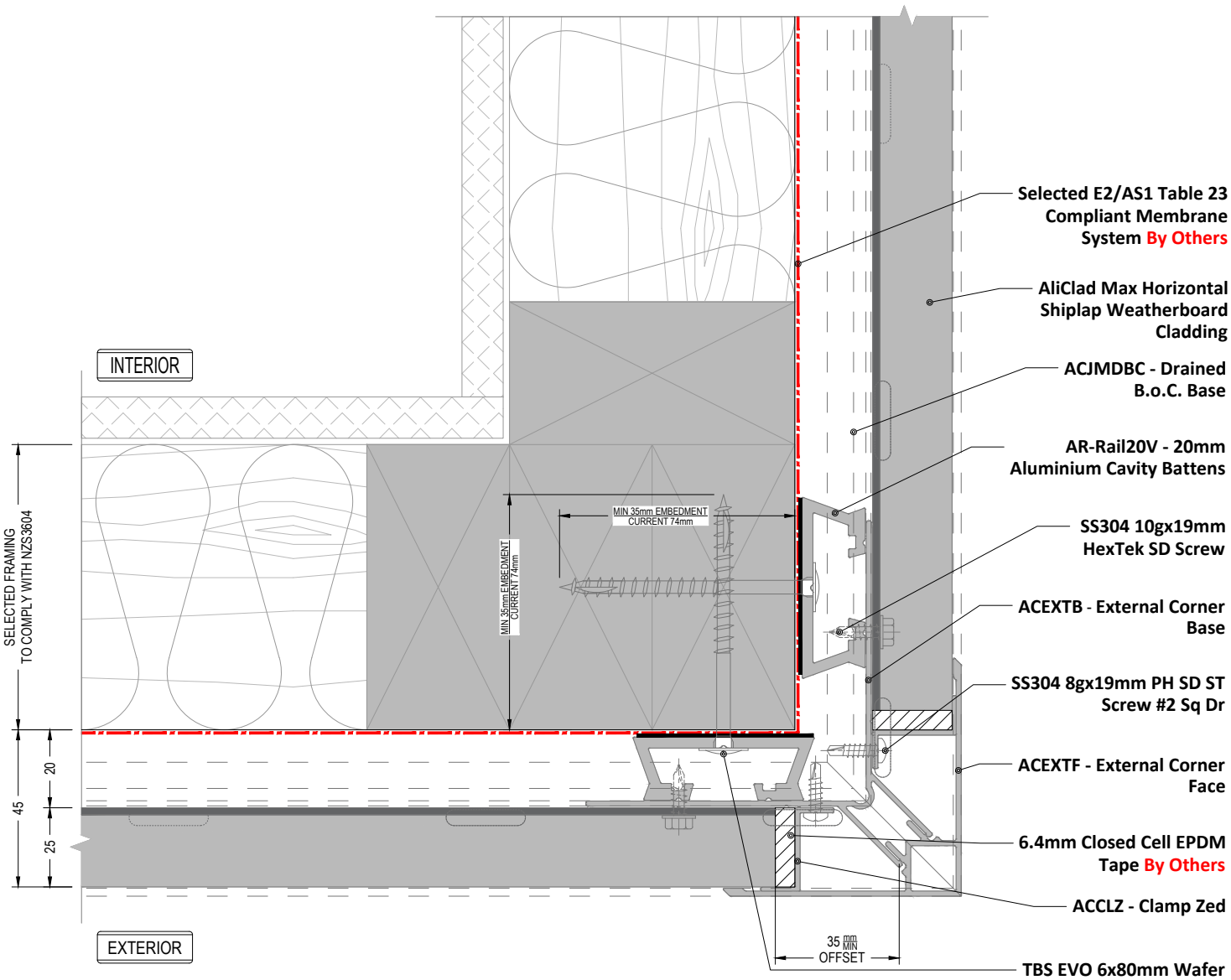

External Corner

Detail Number

AC-H-AR-1.1

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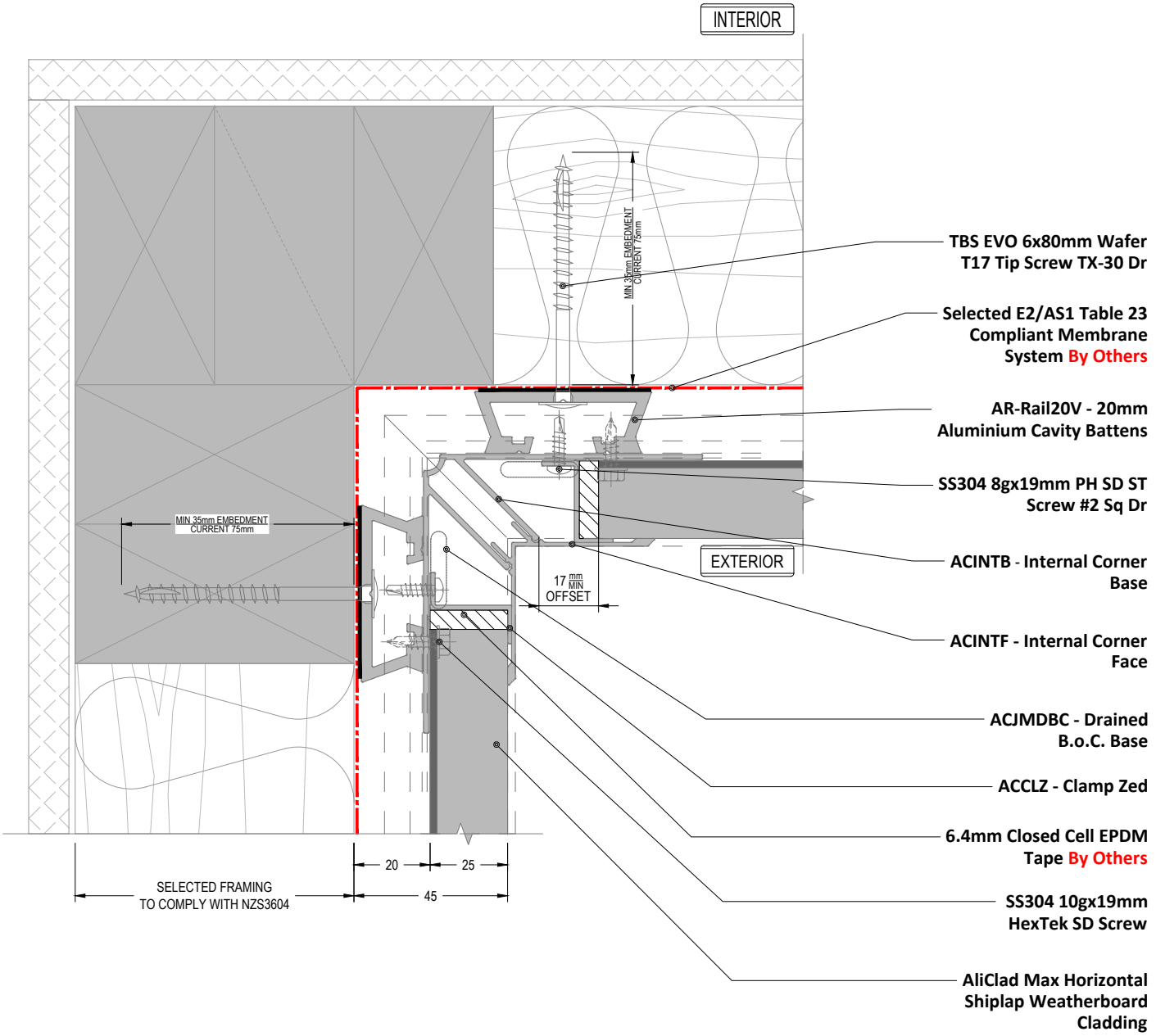

Internal Corner

Detail Number

AC-H-AR-1.2

Version

JAN 2024 [v1.6]

THE BUILDING AGENCY

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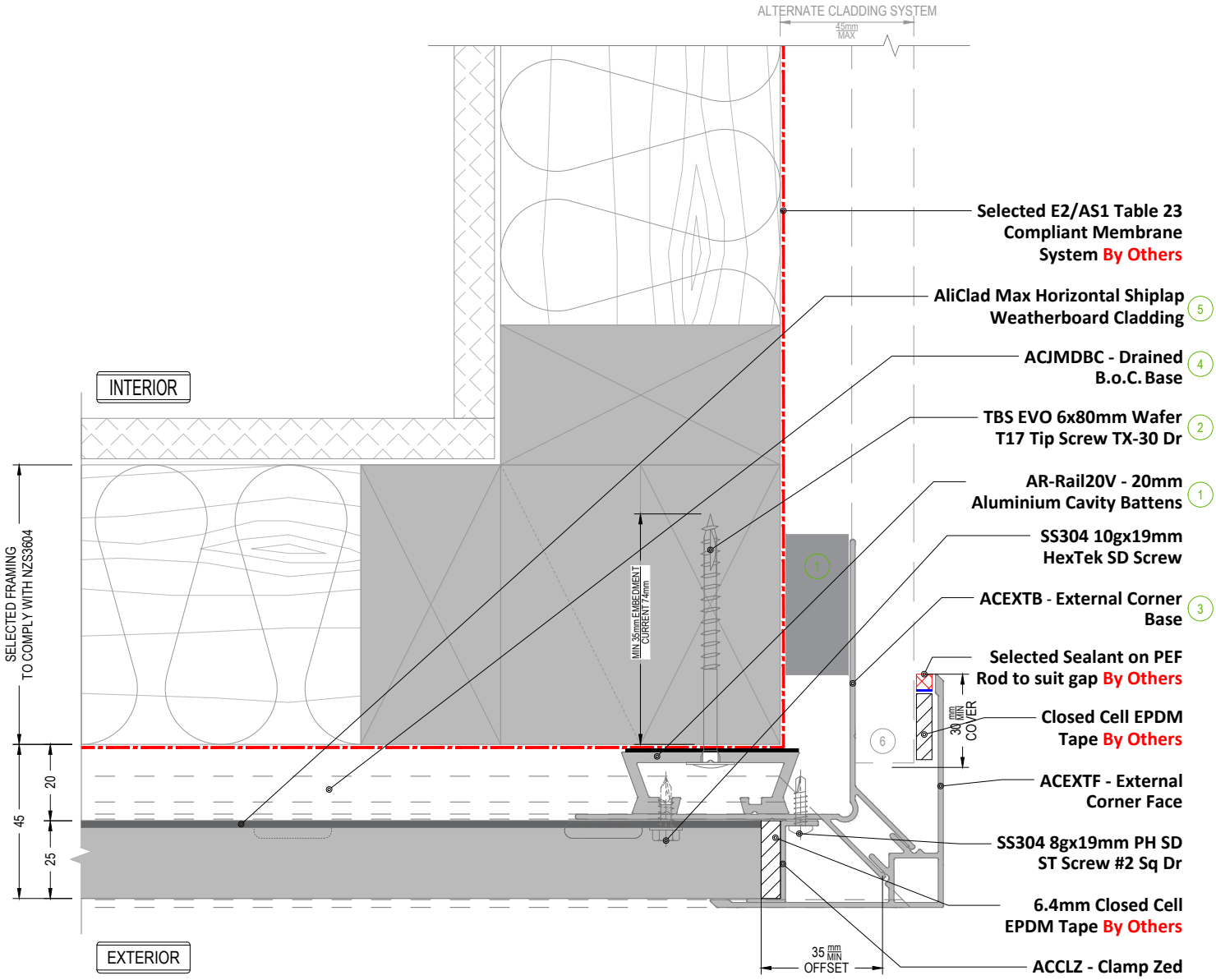

NOTE
ACJMDBC - Drained B.O.C.
Base Shown in dashed lines

SEQUENCE OF INSTALLATION

1	AR-Rail20V - 20mm Aluminium Cavity Battens	1	Alternate Support Structure		
2	TBS EVO 6x80mm Wafer T17	3	External Corner Base	4	Drained B.O.C Base
5	Aliclad Max Horizontal Shiplap Weatherboard Cladding	6	Alternate Cladding Exterior		

Ext Cnr_SML Cladding Type

Detail Number
AC-H-AR-1.3

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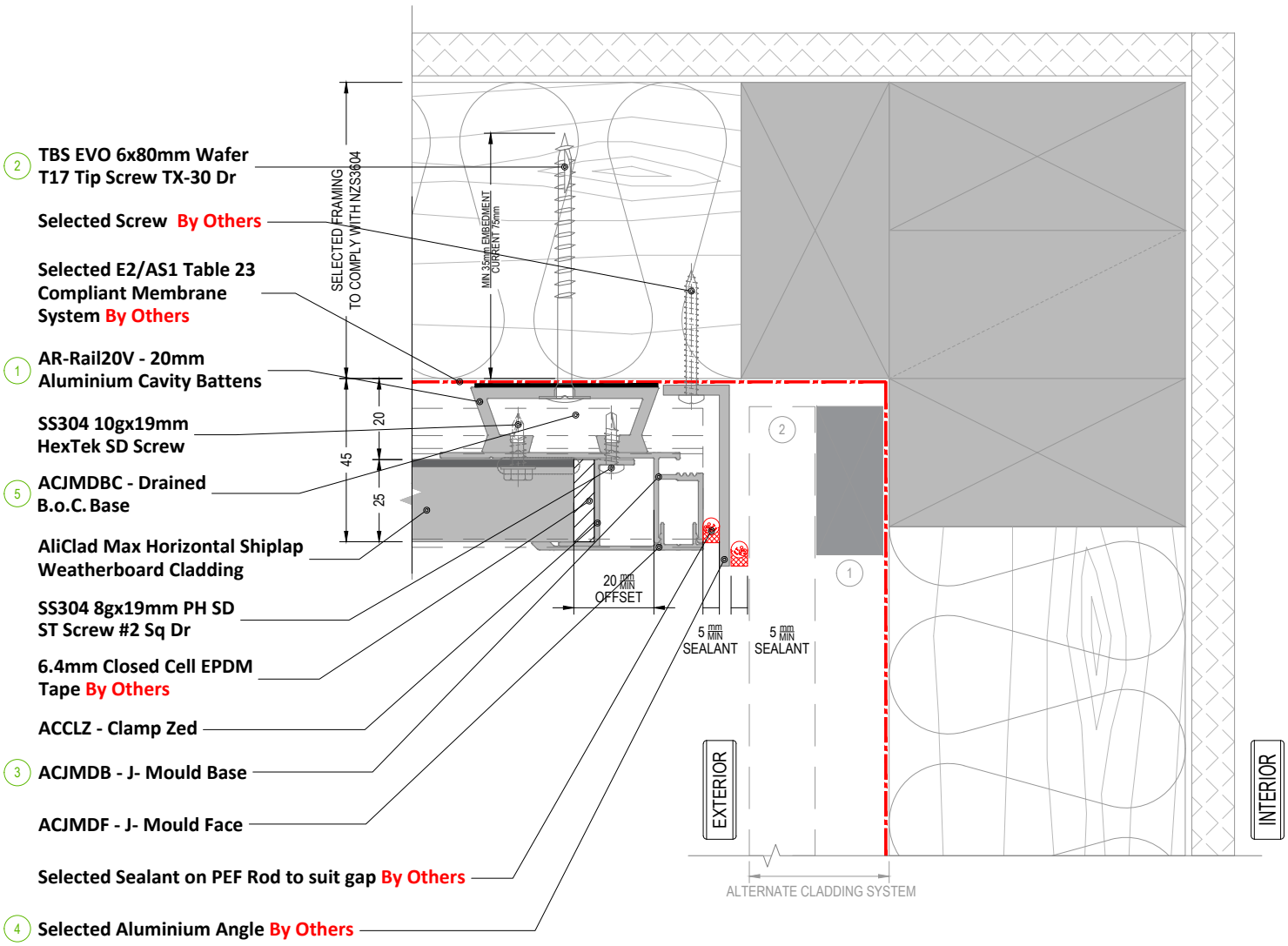


NOTE
ACJMDBC - Drained B.O.C.
Base Shown in dashed lines
NOTE 2
Flashings and Angles are not included in the system

SEQUENCE OF INSTALLATION

1 AR-Rail20V - 20mm Aluminium Cavity Battens ♀ 1 Alternate Support Structure
2 TBS EVO 6x80mm Wafer T17 ♀ 2 Alternate Cladding Exterior
3 ACJMDB - J-Mould Base 4 Selected Aluminium Angle **By Others** ♀ 5 Drained B.O.C Base

Int Cnr_SML Cladding Type

Detail Number

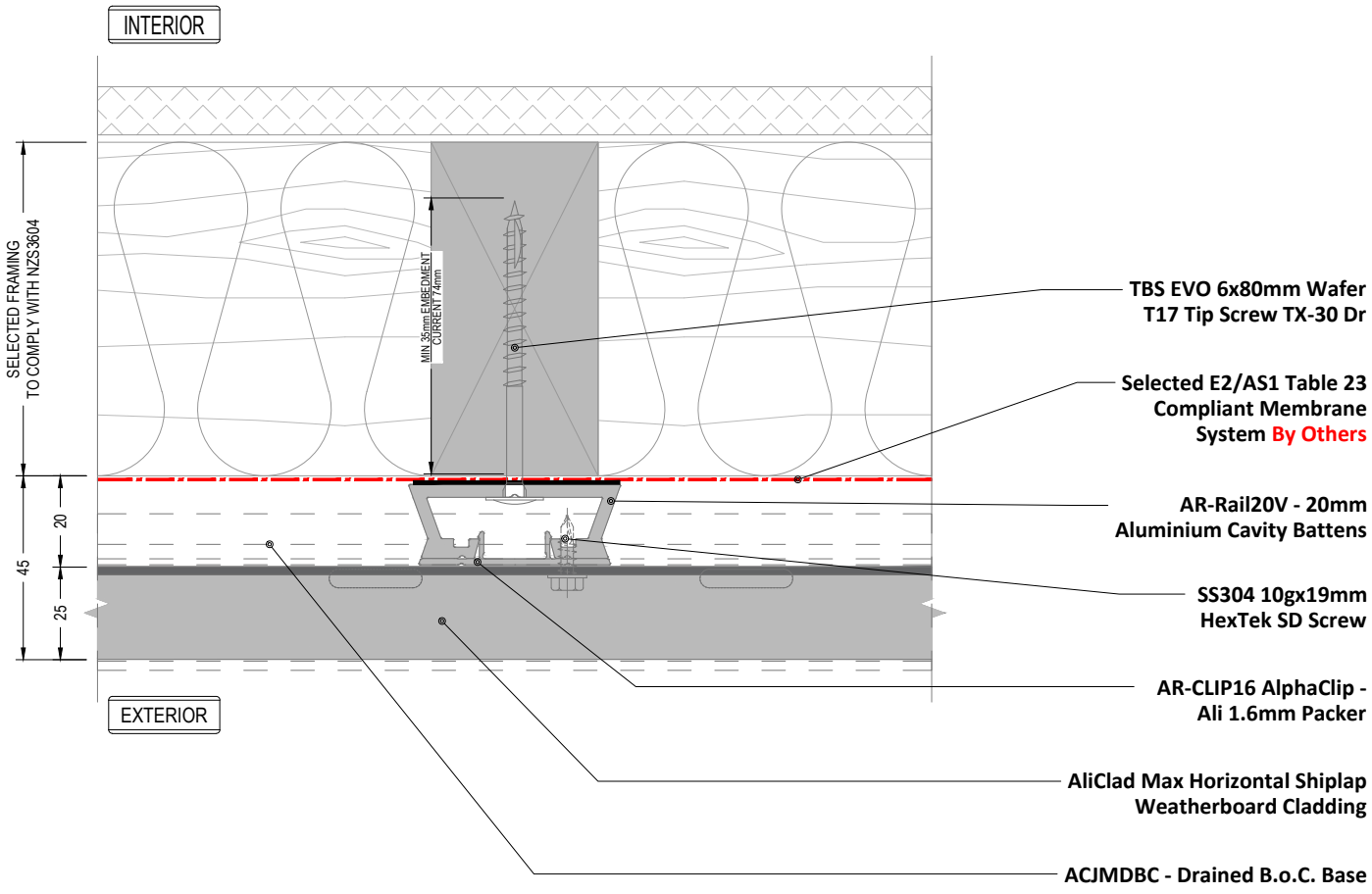
AC-H-AR-1.4

Version

JAN 2024 [v1.6]

THE BUILDING AGENCY
MATERIALS • SYSTEMS • SOLUTIONS

ALICLAD MAX



Vertical Joint - Typical

Detail Number

AC-H-AR-2.1

Version

JAN 2024 [v1.6]

THE BUILDING AGENCY

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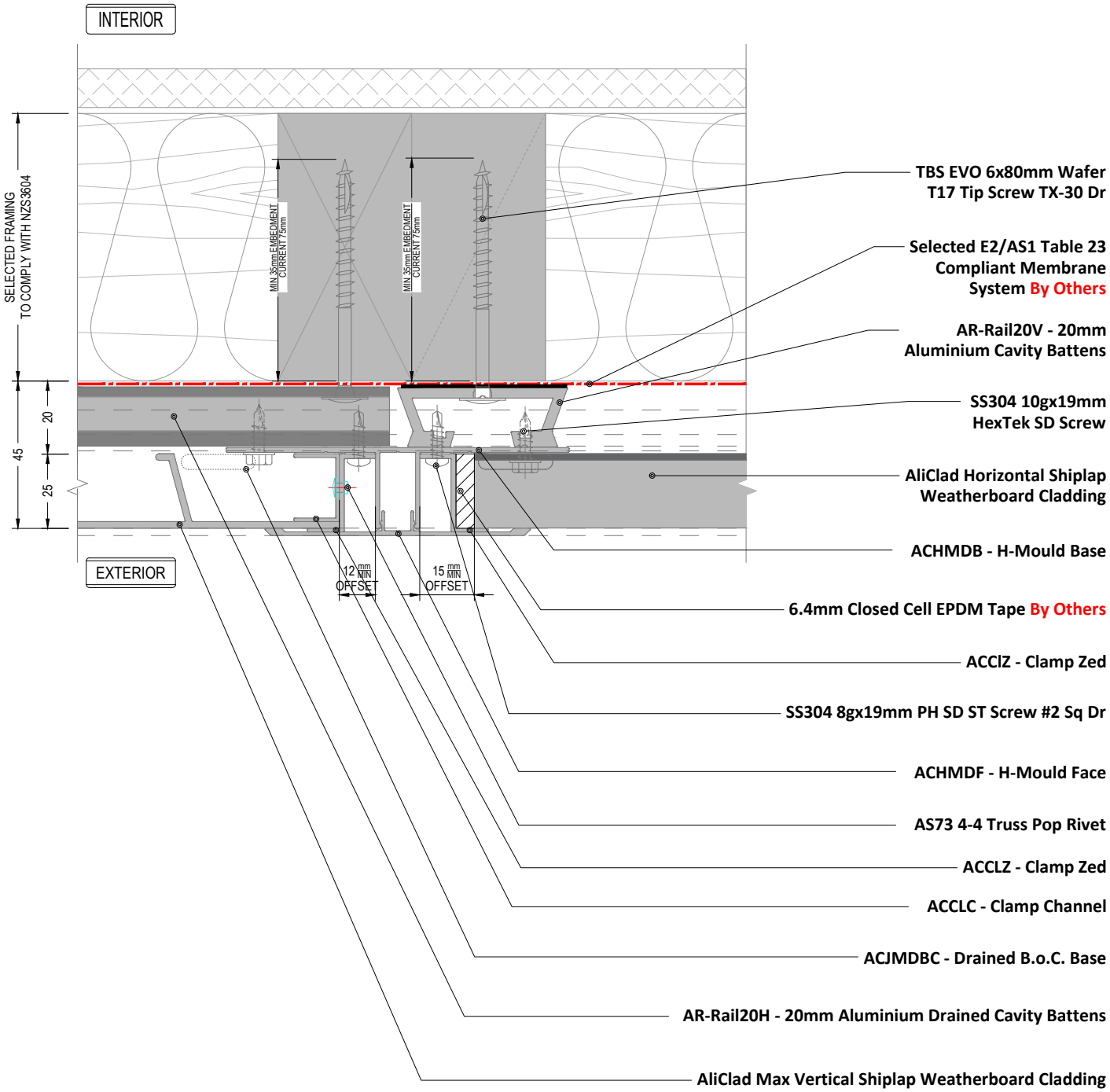
ALICLAD MAX



Vert. Joint_Orientation Change

Detail Number

AC-H-AR-2.2

Version

JAN 2024 [v1.6]

THE BUILDING AGENCY

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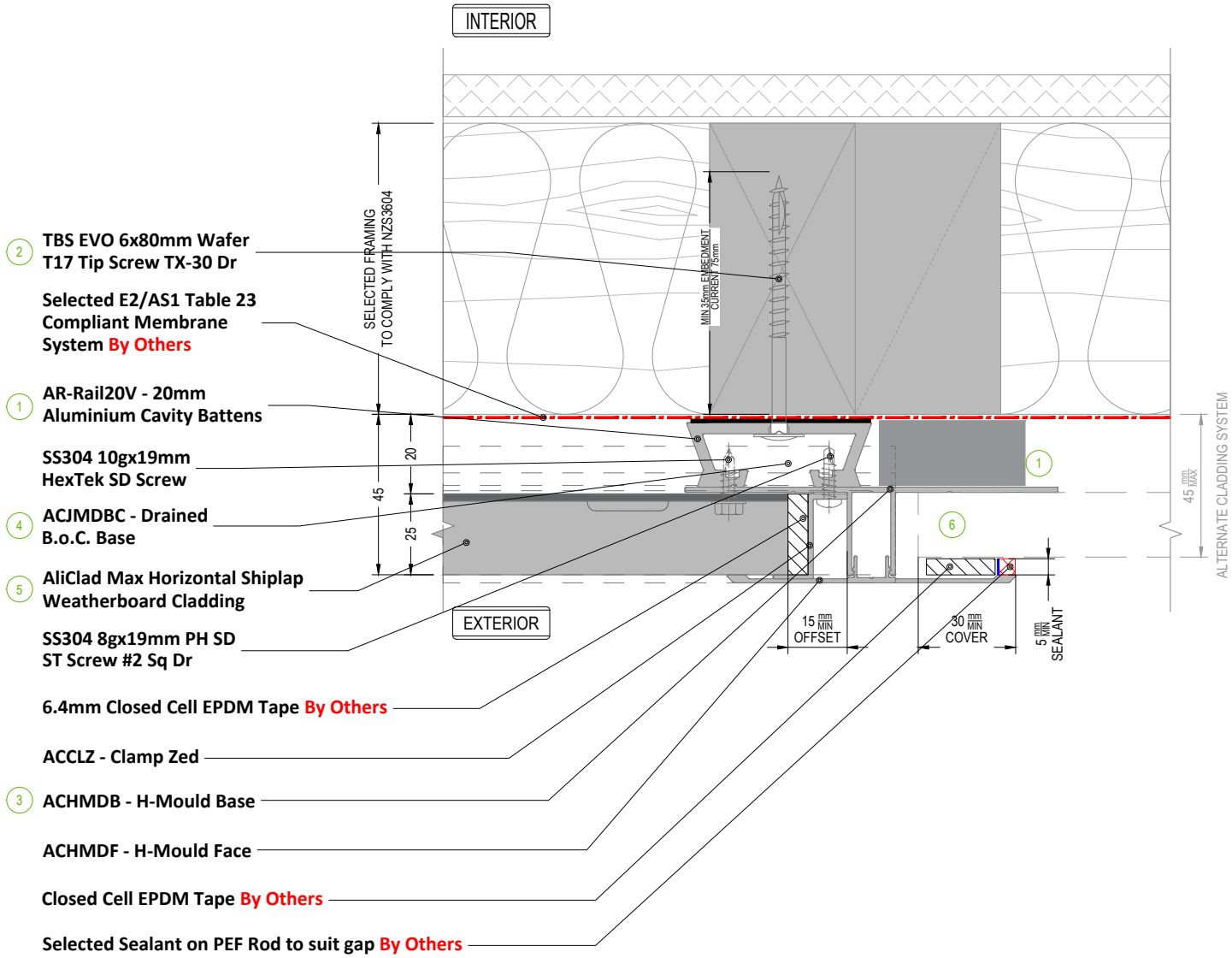
ALICLAD MAX



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

SEQUENCE OF INSTALLATION

1. AR-Rail20V - 20mm Aluminium Cavity Battens
1. Alternate Support Structure
2. TBS EVO 6x80mm Wafer T17
3. ACHMDB - H-Mould Base
4. Drained B.O.C Base
5. Aliclad Max Horizontal Shiplap Weatherboard Cladding
6. Alternate Cladding Exterior

Vert. Joint_SML Cladding Type

Detail Number

AC-H-AR-2.3

Version

JAN 2024 [v1.6]

THE BUILDING AGENCY
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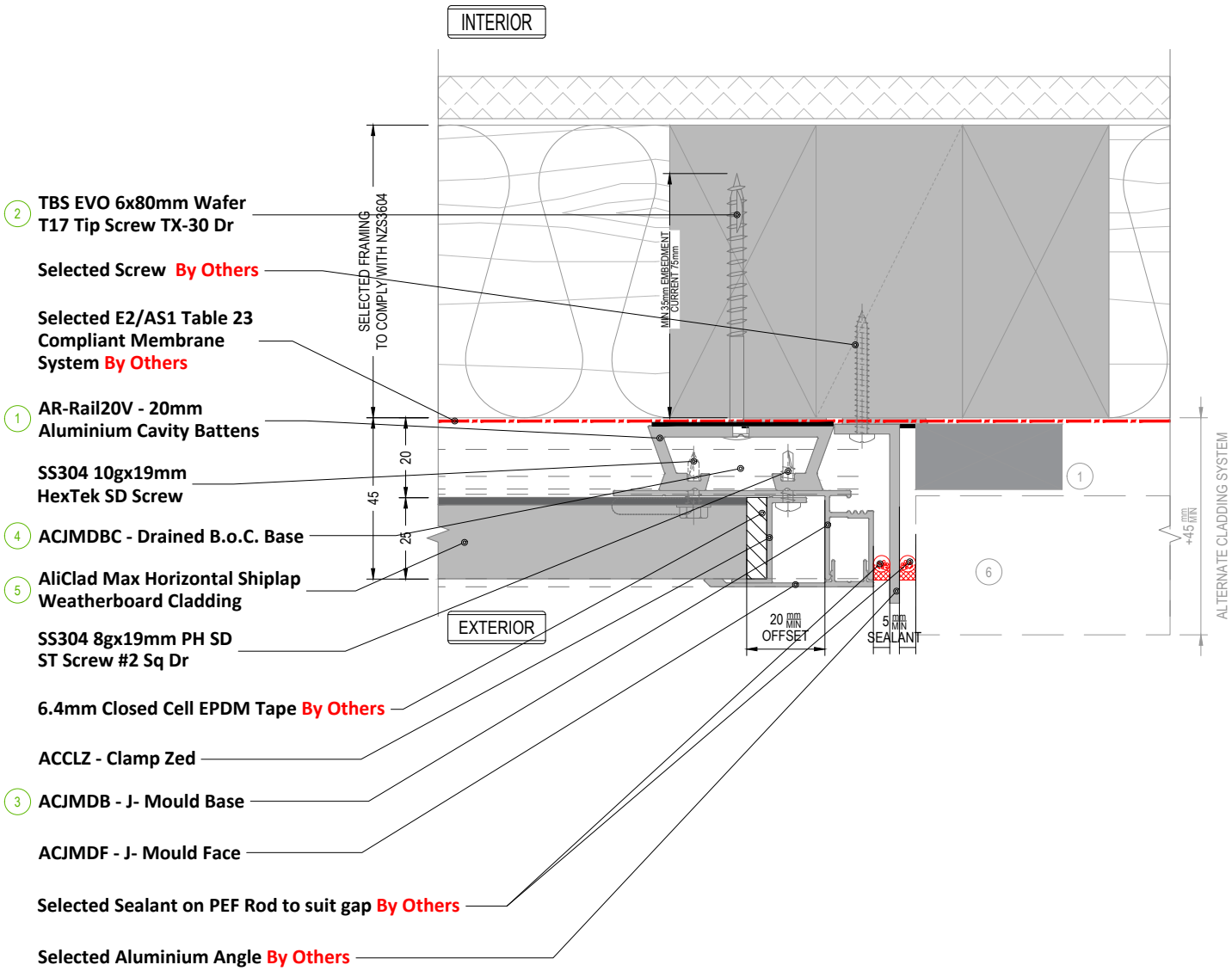
ALICLAD MAX



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
NOTE 3
Flashings and Angles are not included in the system

SEQUENCE OF INSTALLATION

1. AR-Rail20V - 20mm Aluminium Cavity Battens
2. TBS EVO 6x80mm Wafer T17
3. ACJMDB - J-Mould Base
4. Drained B.O.C Base
5. Aliclad Max Horizontal Shiplap Weatherboard Cladding
6. Alternate Cladding Exterior

1 Alternate Support Structure

Vert. Joint_LRG Cladding Type

Detail Number

AC-H-AR-2.4

Version

JAN 2024 [v1.6]

THE BUILDING AGENCY
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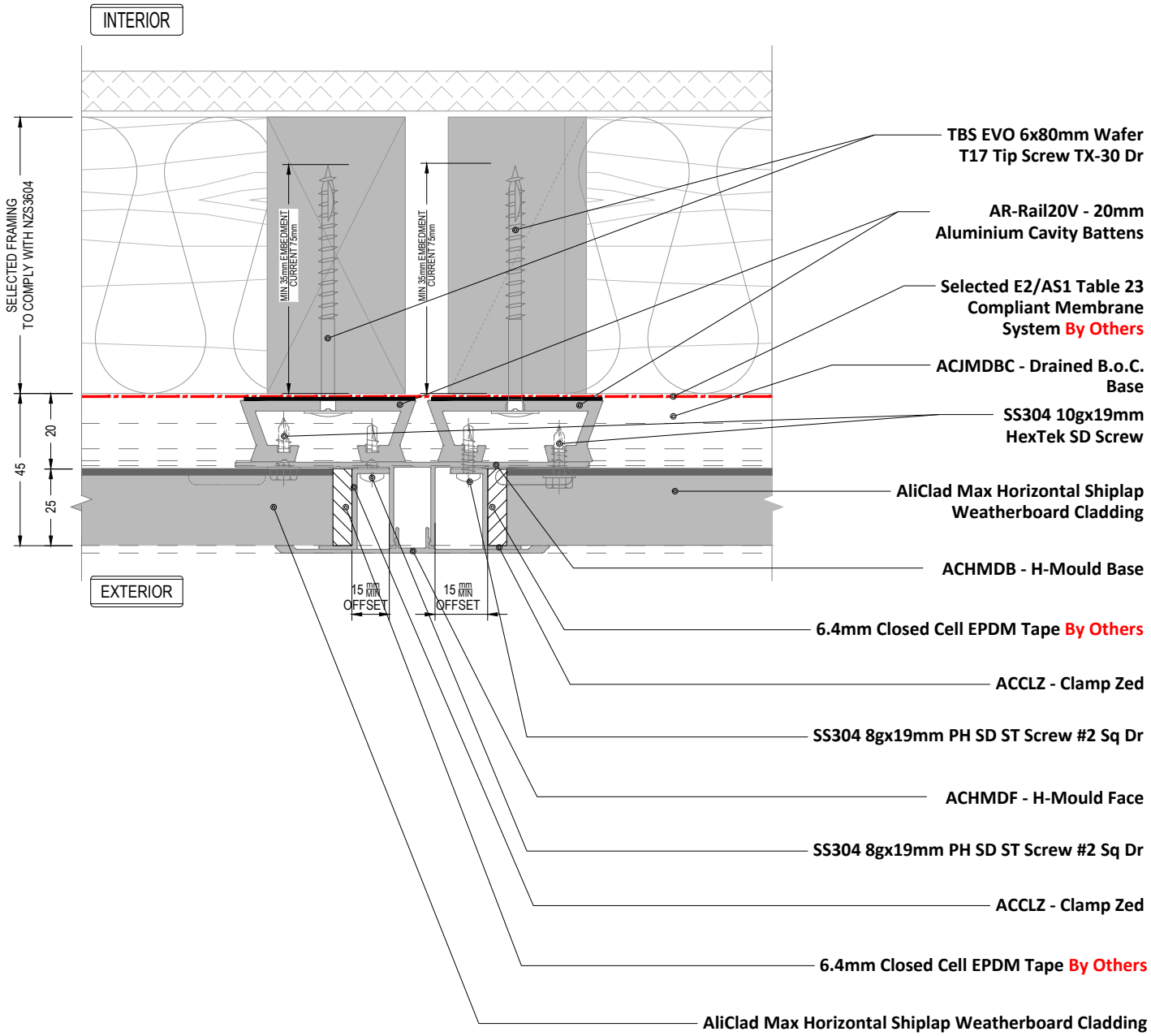
ALICLAD MAX



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

Vertical Joint - Typical

Detail Number

AC-H-AR-2.5

Version

JAN 2024 [v1.6]

THE BUILDING AGENCY
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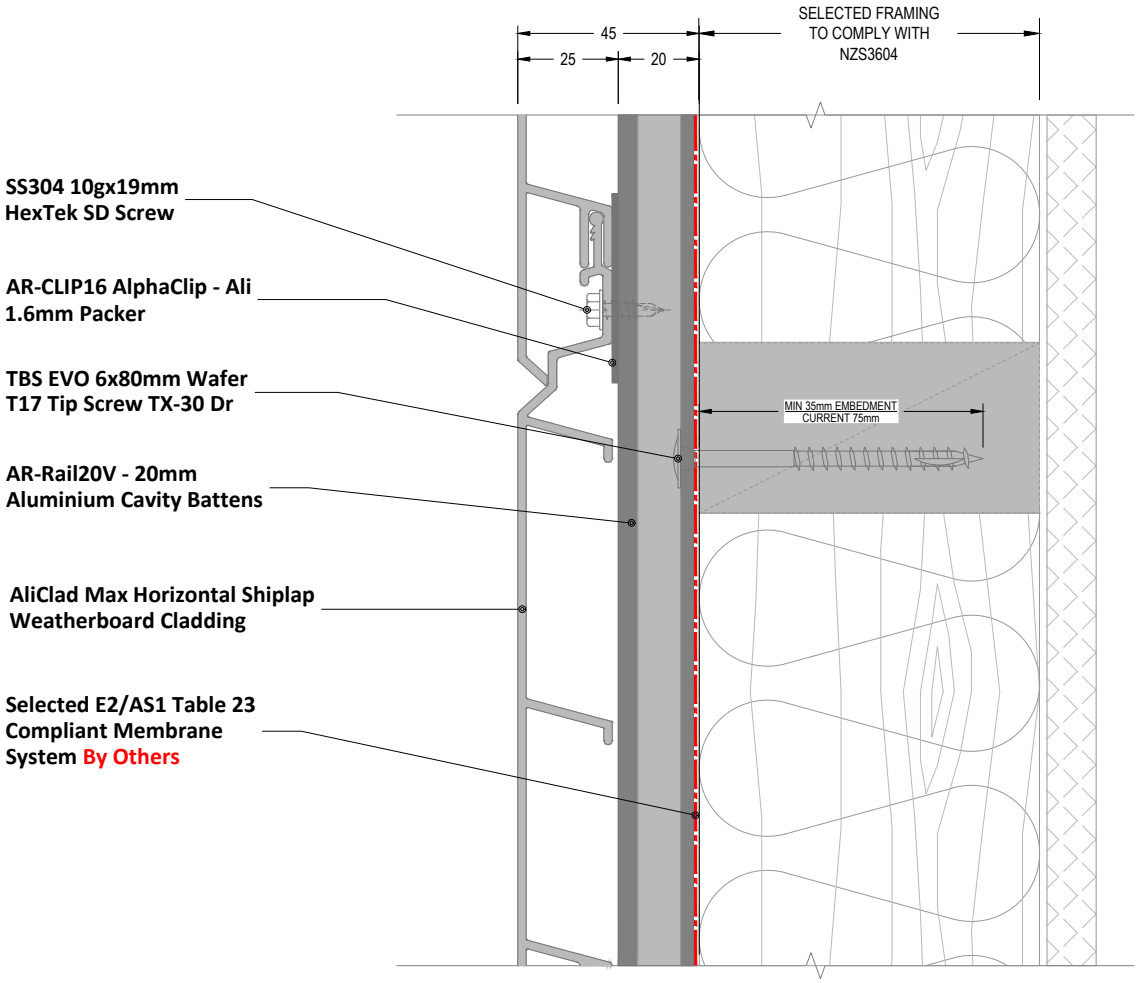
ALICLAD MAX



Hori. Joint_Typical

Detail Number

AC-H-AR-3.1

Version

JAN 2024 [v1.6]

THE BUILDING AGENCY

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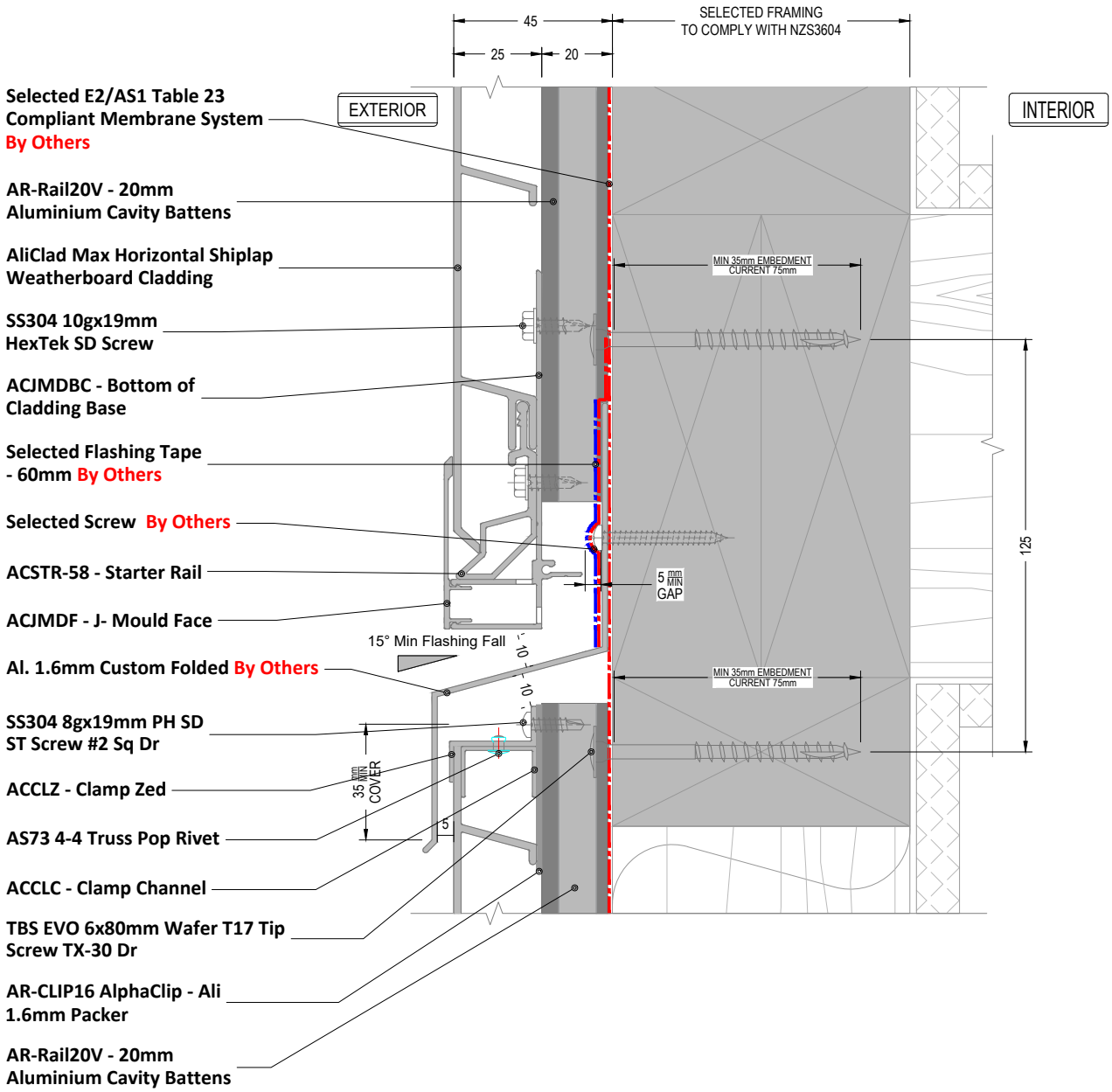
ALICLAD MAX



NOTE

Flashings and Angles are not included in the system

Interstorey Joint

Detail Number

AC-H-AR-3.2

Version

JAN 2024 [v1.6]

THE BUILDING AGENCY

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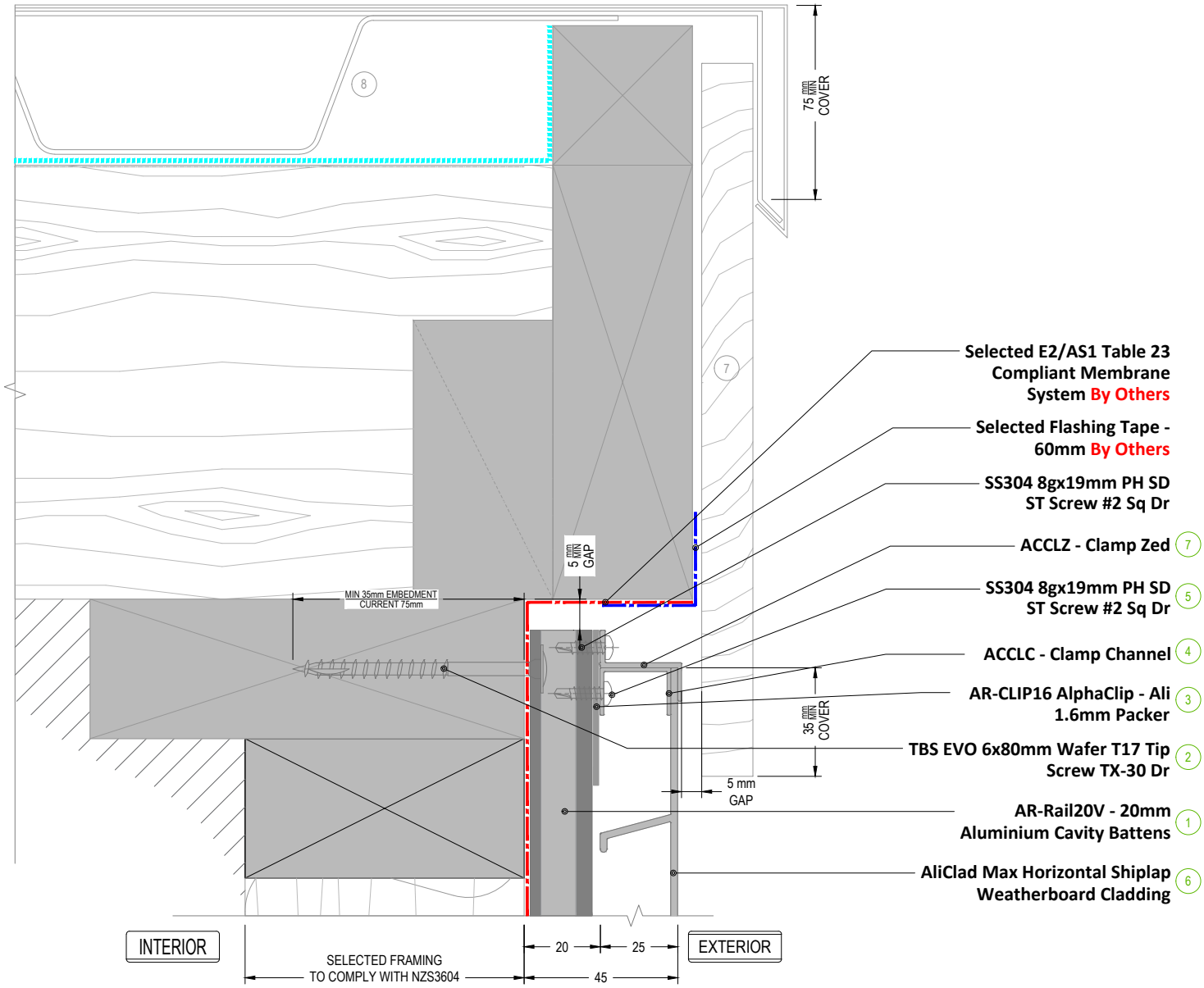
ALICLAD MAX



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

SEQUENCE OF INSTALLATION

1 AR-Rail20V - 20mm Aluminium Cavity Battens, 2 TBS EVO 6x80mm Wafer T17
3 AlphaClip - Ali 1.6mm Packer, 4 ACCLC - Clamp Channel, 5 SS304 8gx19mm PH SD ST Screw
6 Aliclad Max Horizontal Shiplap Weatherboard Cladding, 7 ACCLZ - Clamp Zed, 7 Barge Board, 8 Roof System

TOP Cladding_Parapet

Detail Number

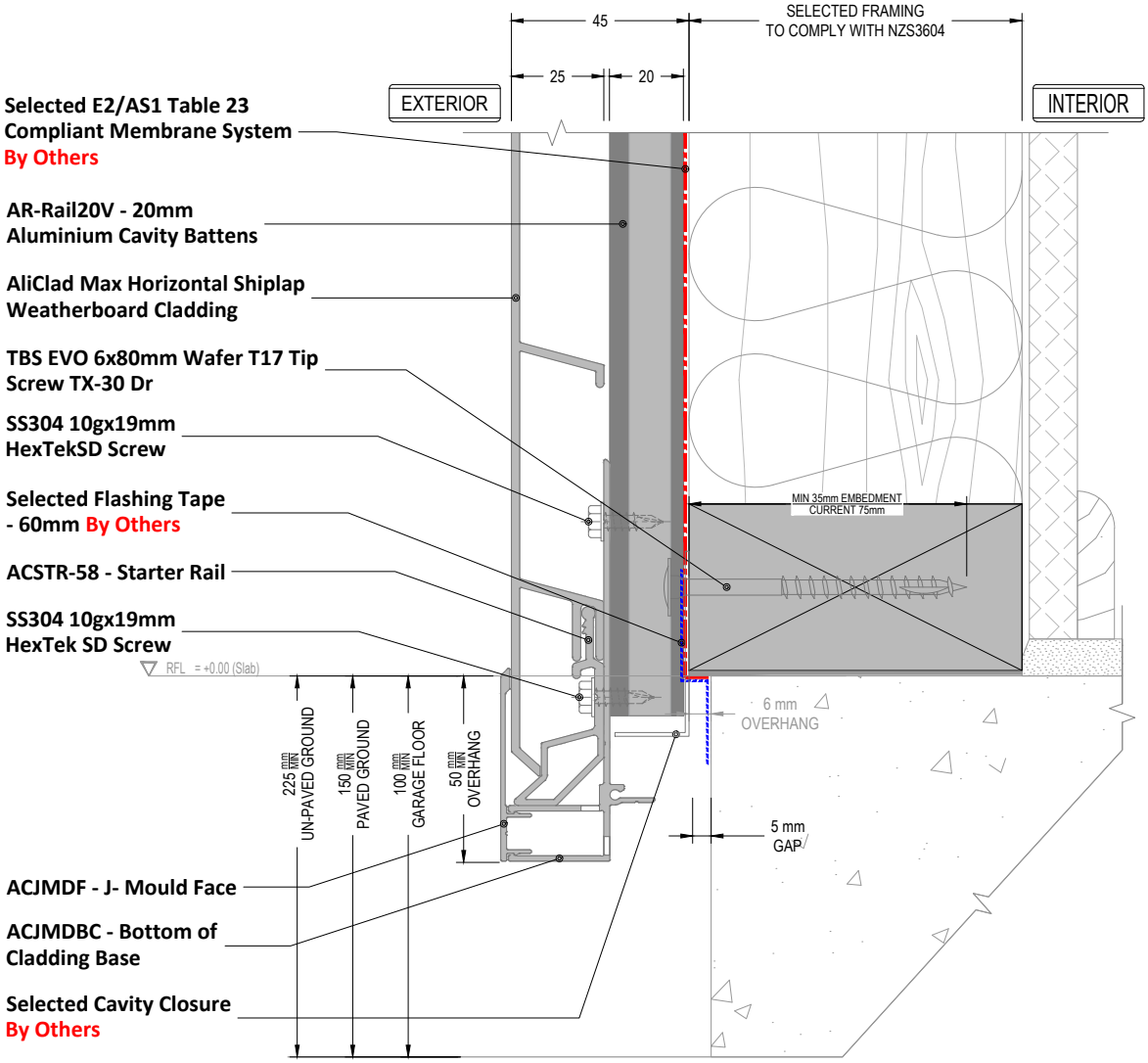
AC-H-AR-4.1

Version

JAN 2024 [v1.6]

THE BUILDING AGENCY
MATERIALS • SYSTEMS • SOLUTIONS

ALICLAD MAX



NOTE

Cavity Closure are not included in the system

BTM Cladding_G.L

Detail Number

AC-H-AR-4.2

Version

JAN 2024 [v1.6]

THE BUILDING AGENCY

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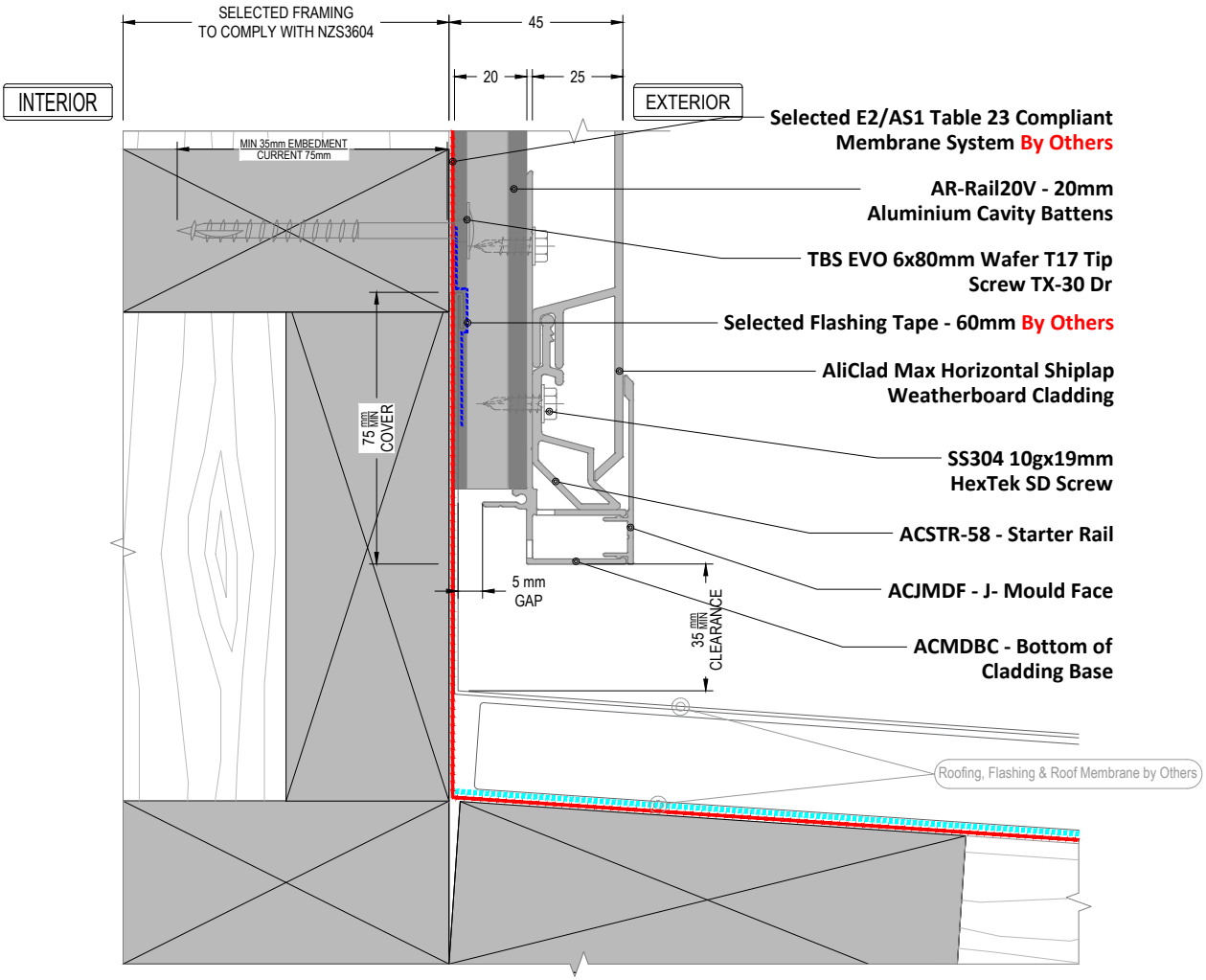
ALICLAD MAX



BTM Cladding_ Apron Roof

Detail Number

AC-H-AR-4.4

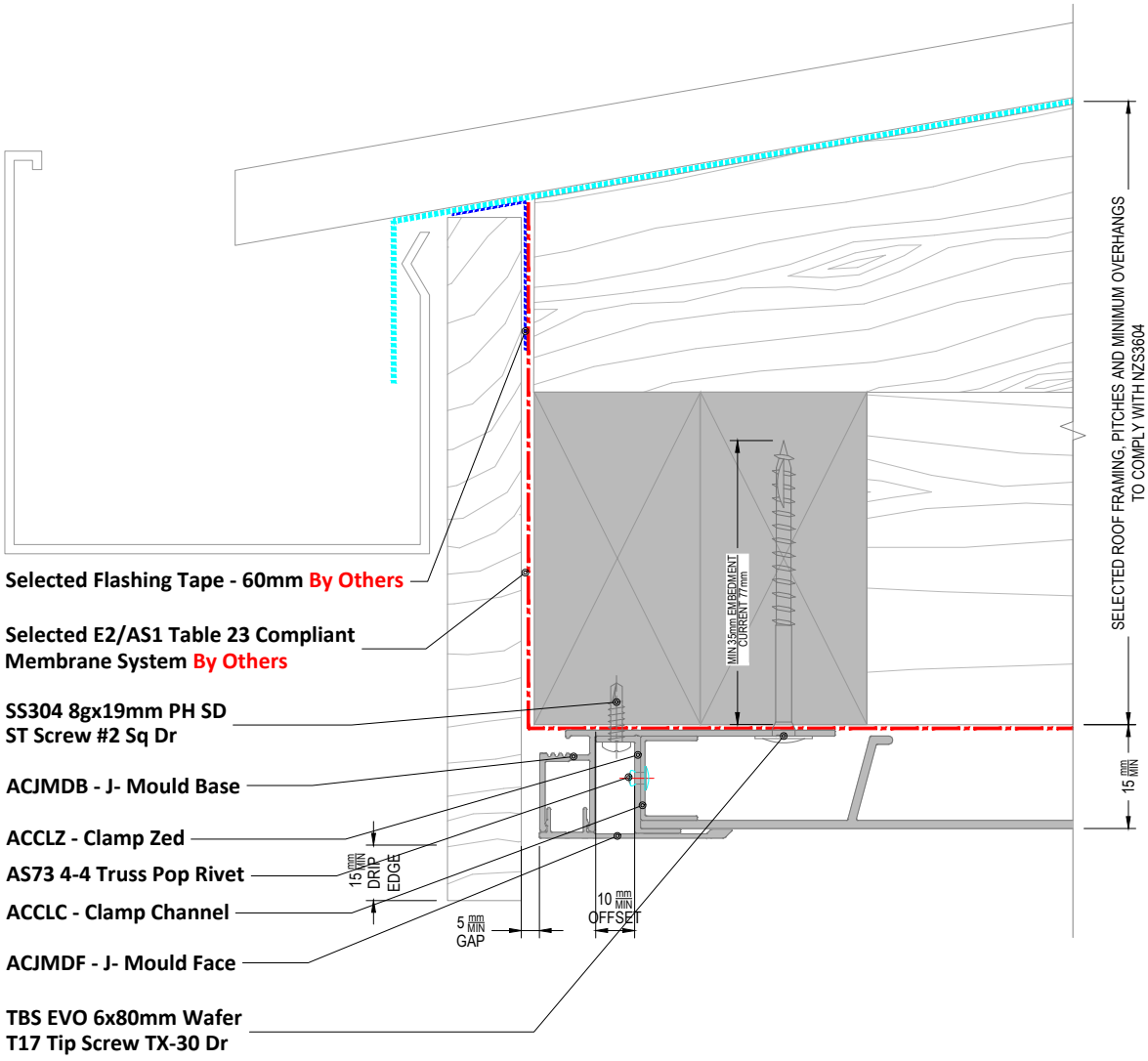
Version

JAN 2024 [v1.6]

THE BUILDING AGENCY

MATERIALS • SYSTEMS • SOLUTIONS

ALICLAD MAX



NOTE

Weathering membrane under soffit is not required, but is recommendable for air barrier performance when a rigid wind barrier is not in use.
-By Others

Top Cladding_Barge/Fascia Board

Detail Number

AC-H-AR-4.8

Version

JAN 2024 [v1.5]

THE BUILDING AGENCY

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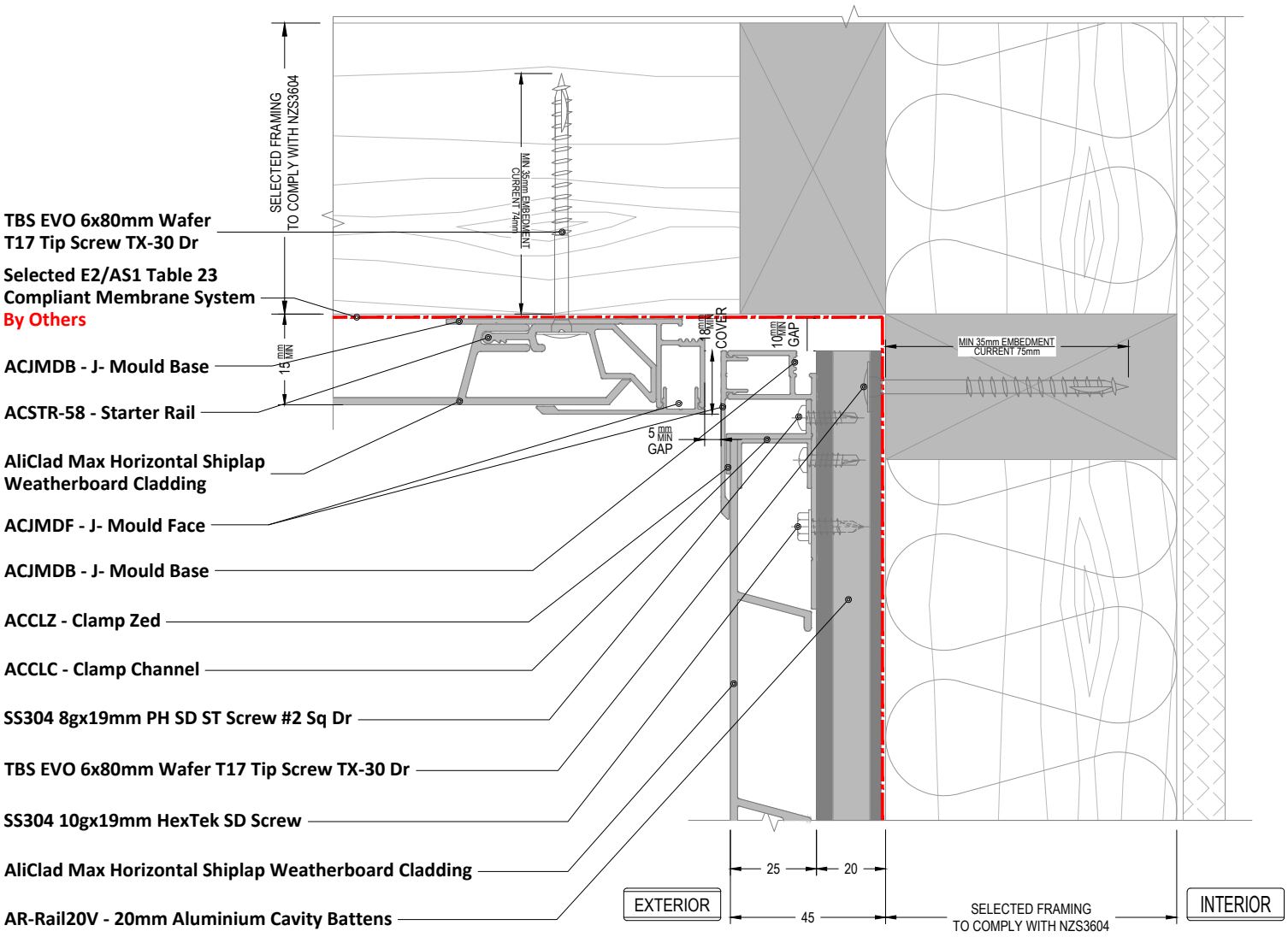
ALICLAD MAX



NOTE

Weathering membrane under soffit is not required, but is recommendable for air barrier performance when a rigid wind barrier is not in use.
-By Others

Wall BLW_Soffit <90°

Detail Number

AC-H-AR-5.1

Version

JAN 2024 [v1.6]

THE BUILDING AGENCY

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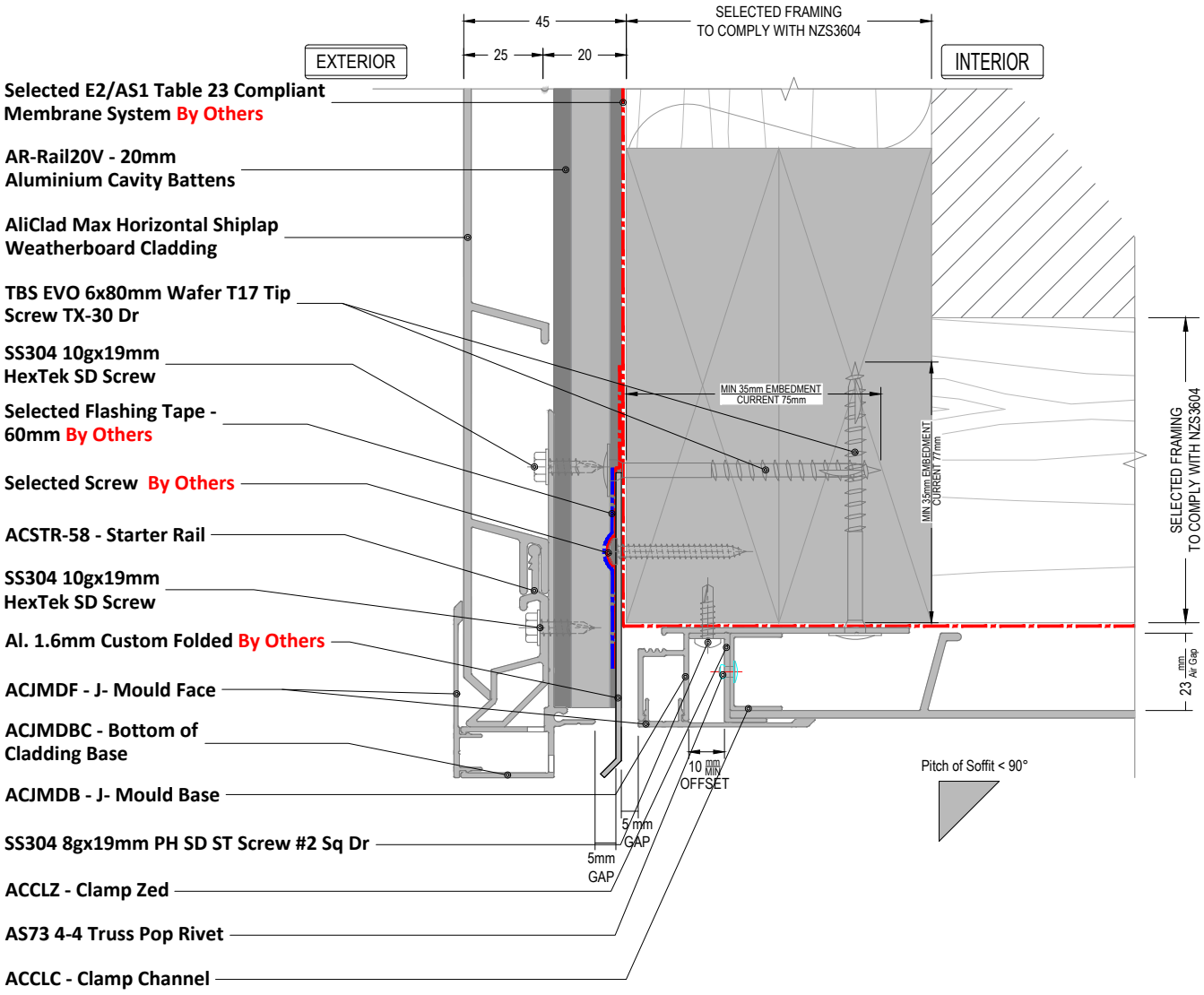
ALICLAD MAX



NOTE

Weathering membrane under soffit is not required, but is recommendable for air barrier performance when a rigid wind barrier is not in use. -By Others

NOTE 2

Flashings and Angles are not included in the system

Wall ABV_Soffit <90°

Detail Number

AC-H-AR-5.2

Version

JAN 2024 [v1.6]

THE BUILDING AGENCY

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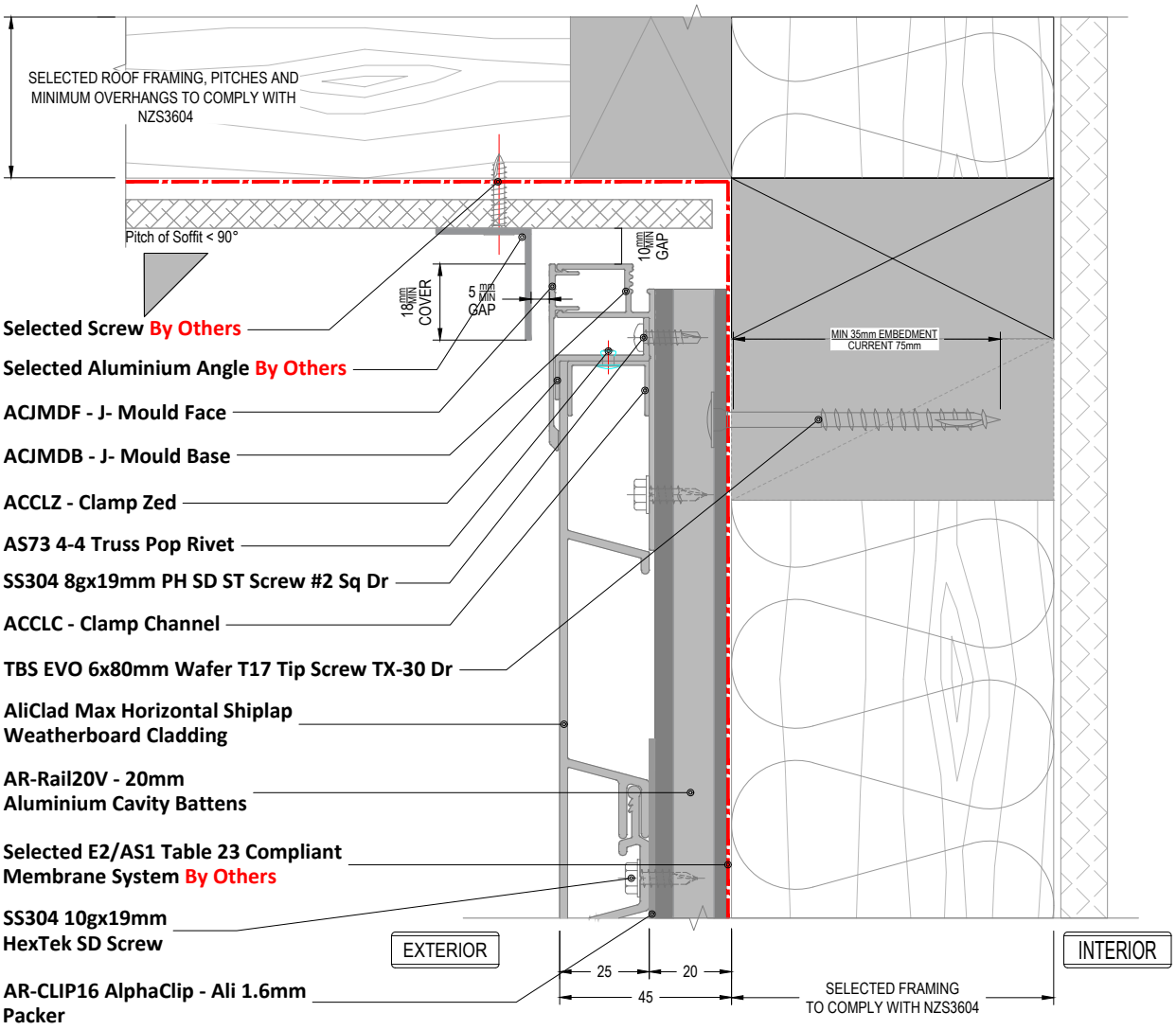
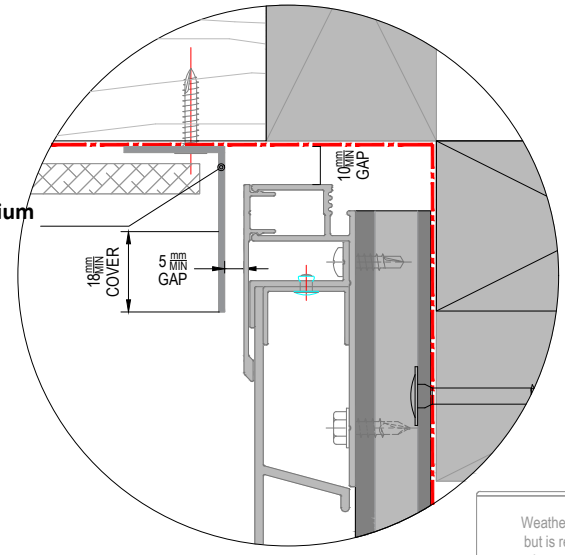
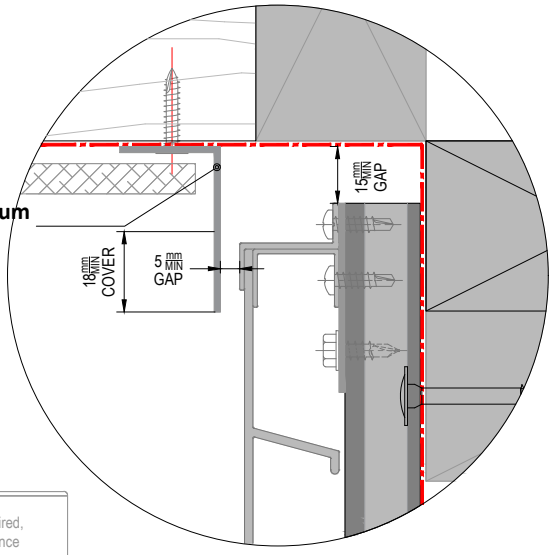
ALICLAD MAX





OPTION 2



OPTION 3

NOTE
Weathering membrane under soffit is not required, but is recommendable for air barrier performance when a rigid wind barrier is not in use. -By Others

NOTE 2
Flashings and Angles are not included in the system

Wall BLW_Flat Sheet Soffit <90°

Detail Number

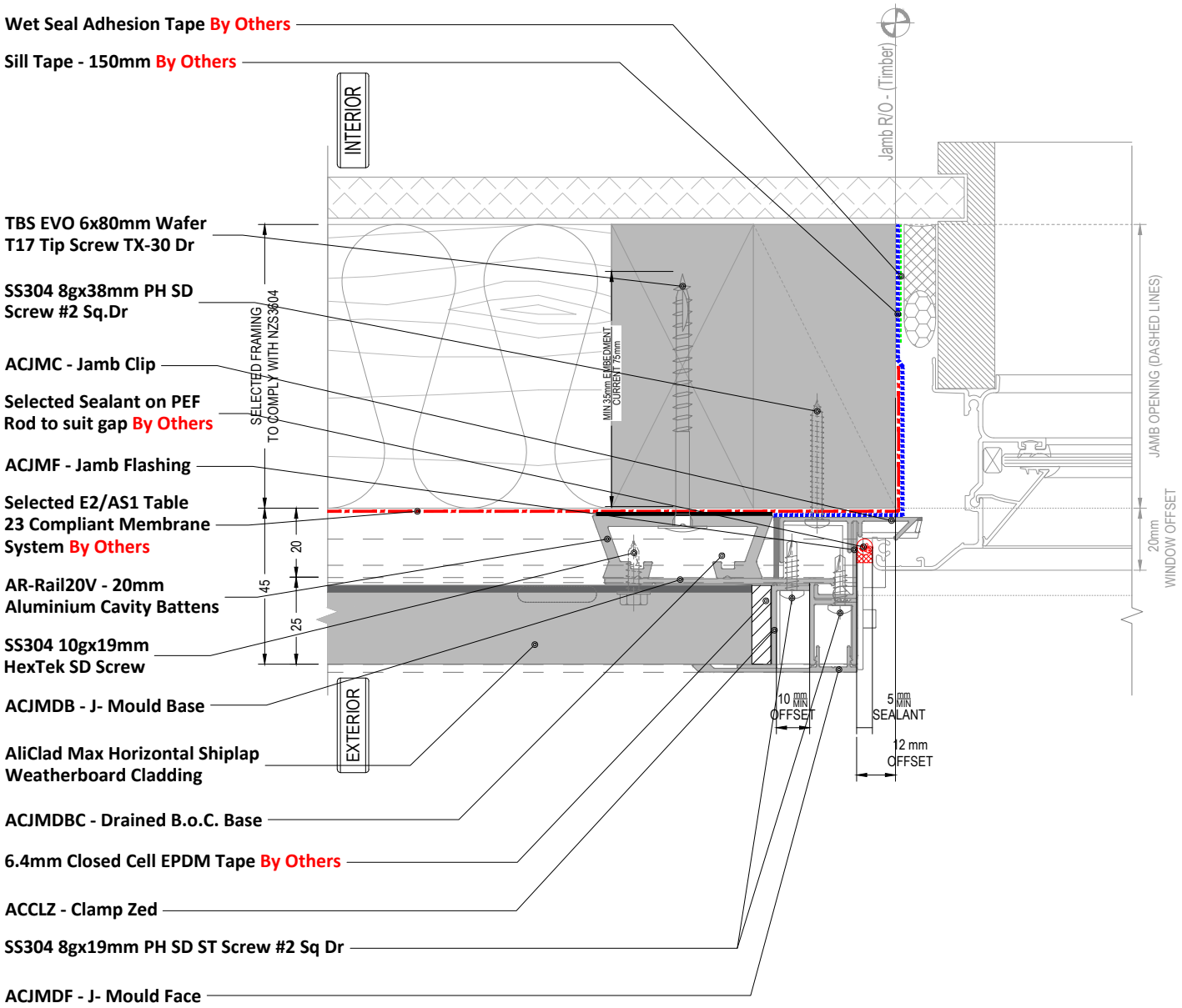
AC-H-AR-5.6

Version

JAN 2024 [v1.6]

THE BUILDING AGENCY
MATERIALS • SYSTEMS • SOLUTIONS

ALICLAD MAX



Window Jamb_Recessed

Detail Number

AC-H-AR-7.1

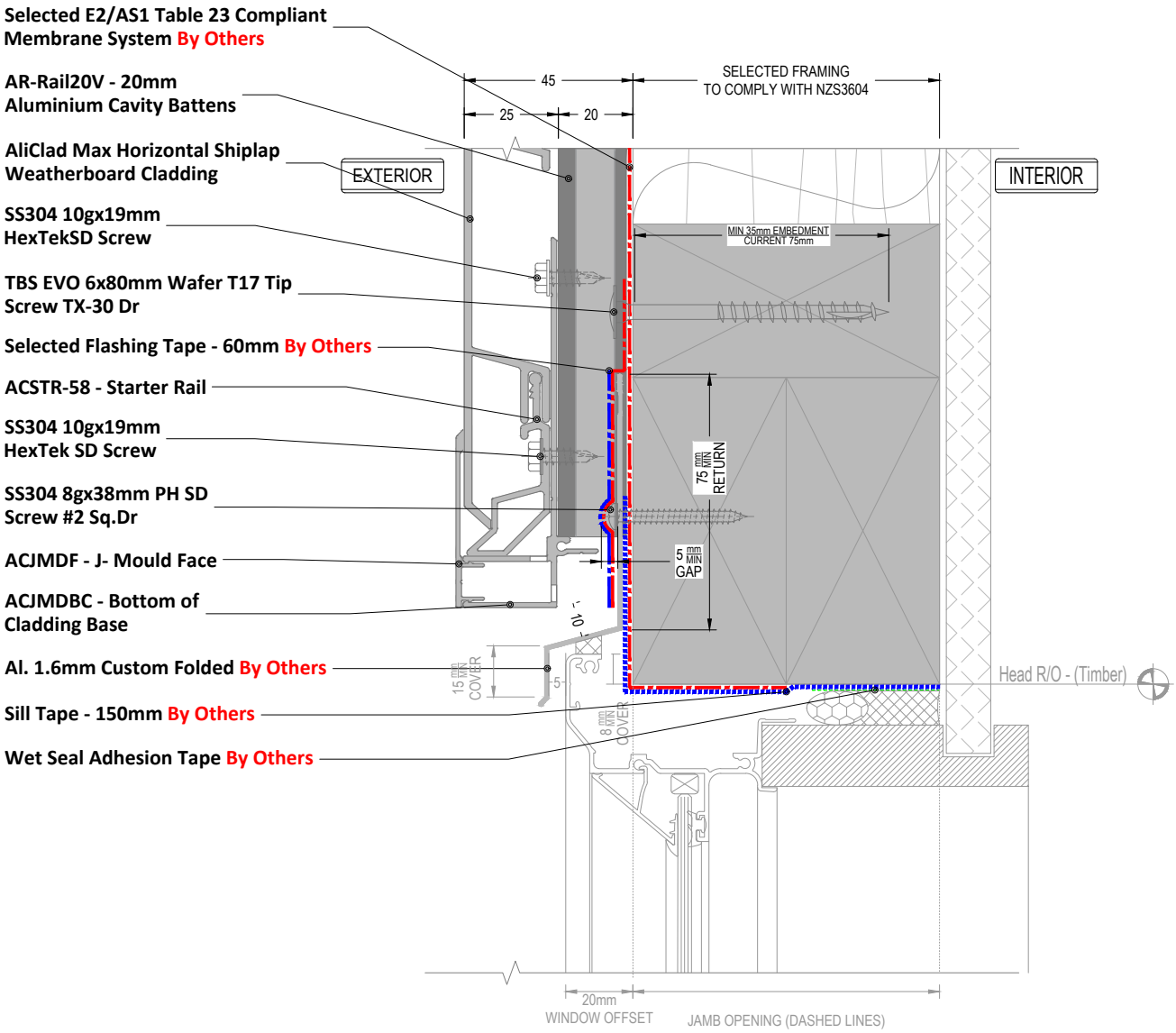
Version

JAN 2024 [v1.6]

THE BUILDING AGENCY

MATERIALS • SYSTEMS • SOLUTIONS

ALICLAD MAX



NOTE

Refer to drawing "7.1" for Sill/Jamb Junction

NOTE 2

Flashings and Angles are not included in the system

Window Head_Recessed

Detail Number

AC-H-AR-7.2

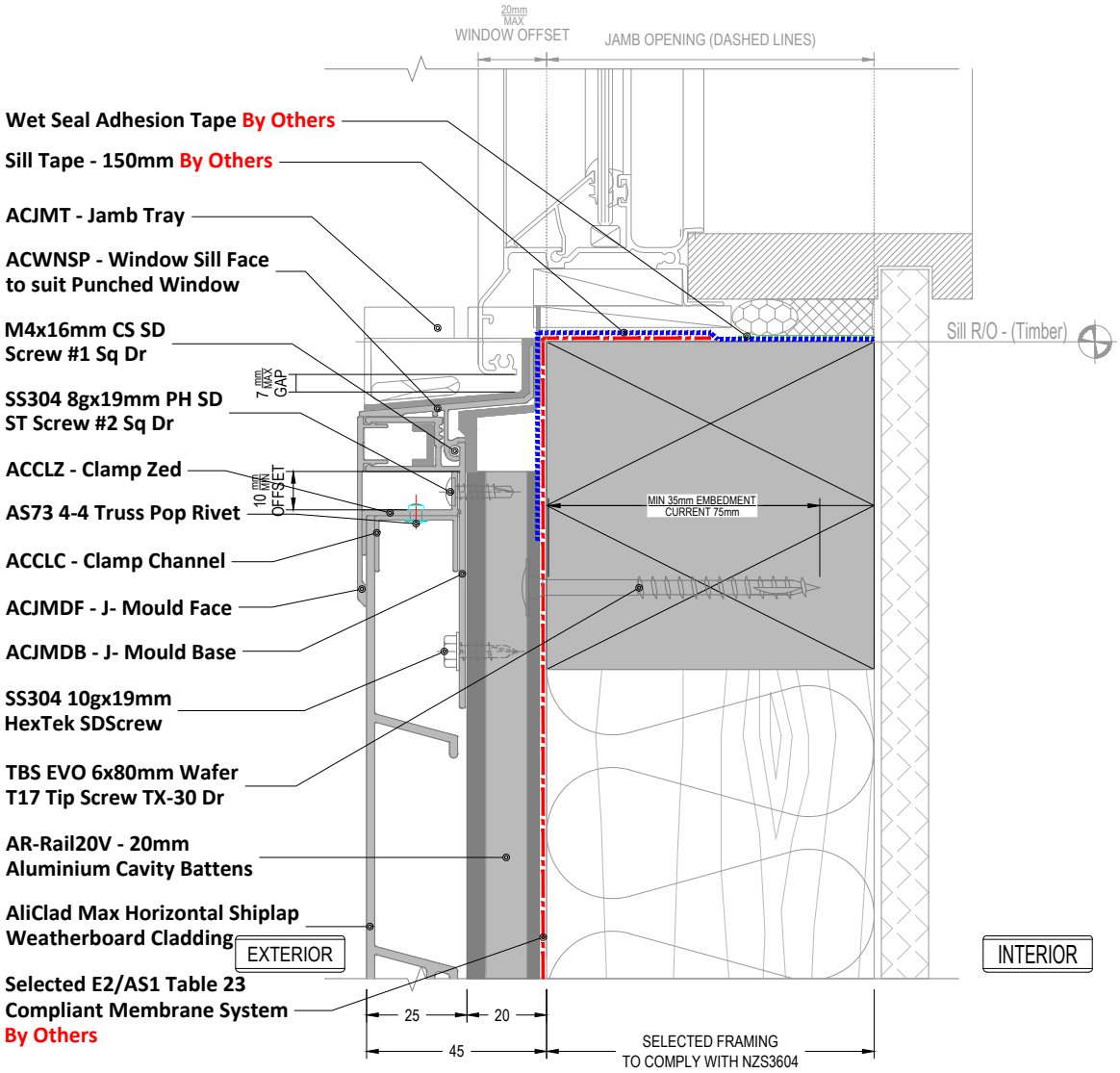
Version

JAN 2024 [v1.6]

THE BUILDING AGENCY

MATERIALS • SYSTEMS • SOLUTIONS

ALICLAD MAX



NOTE

Refer to drawing "7.1" for Sill/Jamb Junction

Window Sill_Recessed

Detail Number

AC-H-AR-7.3

Version

JAN 2024 [v1.6]

THE BUILDING AGENCY

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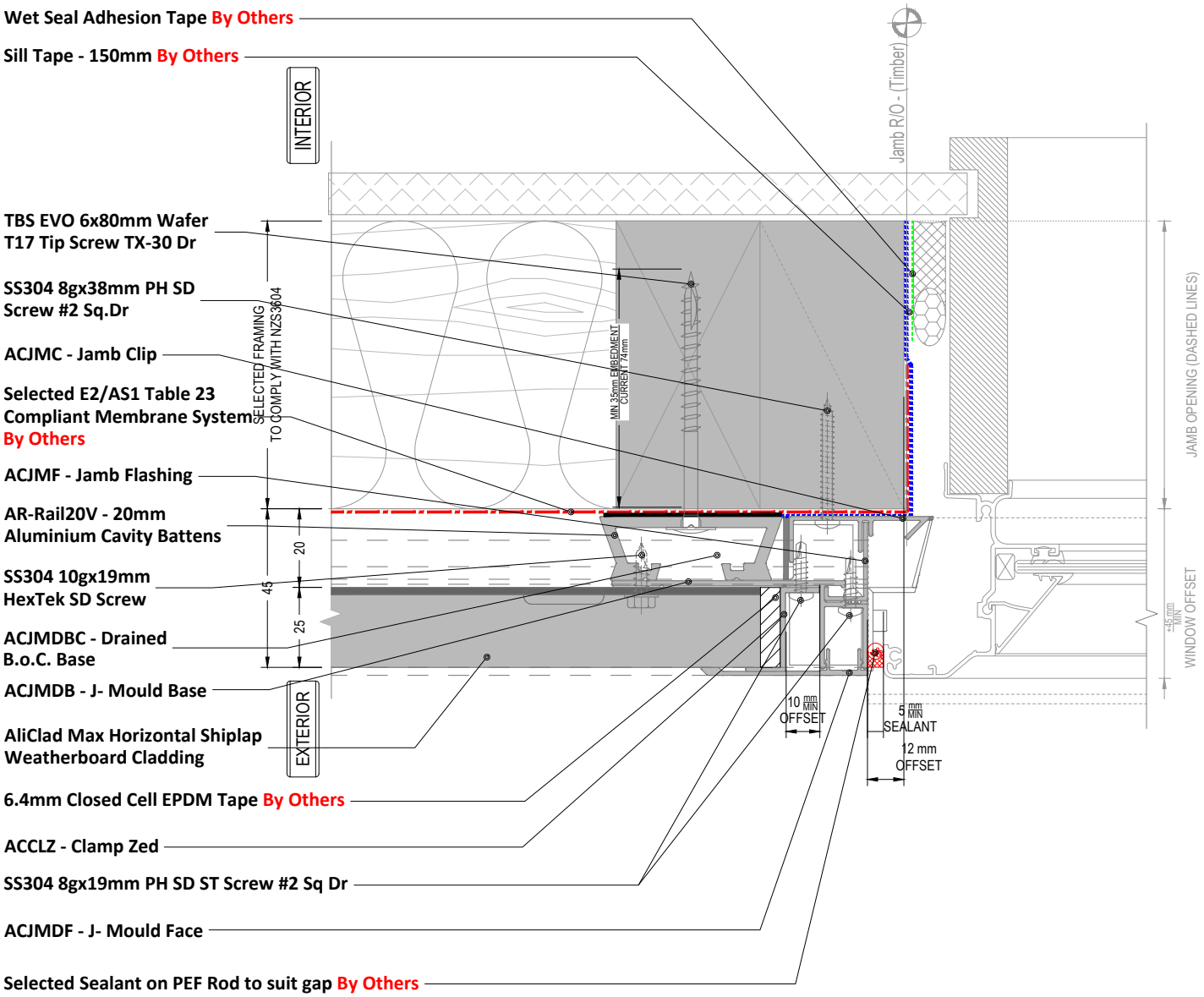
ALICLAD MAX



Window Jamb_WANZ/Supported

Detail Number

AC-H-AR-7.4

Version

JAN 2024 [v1.6]

THE BUILDING AGENCY

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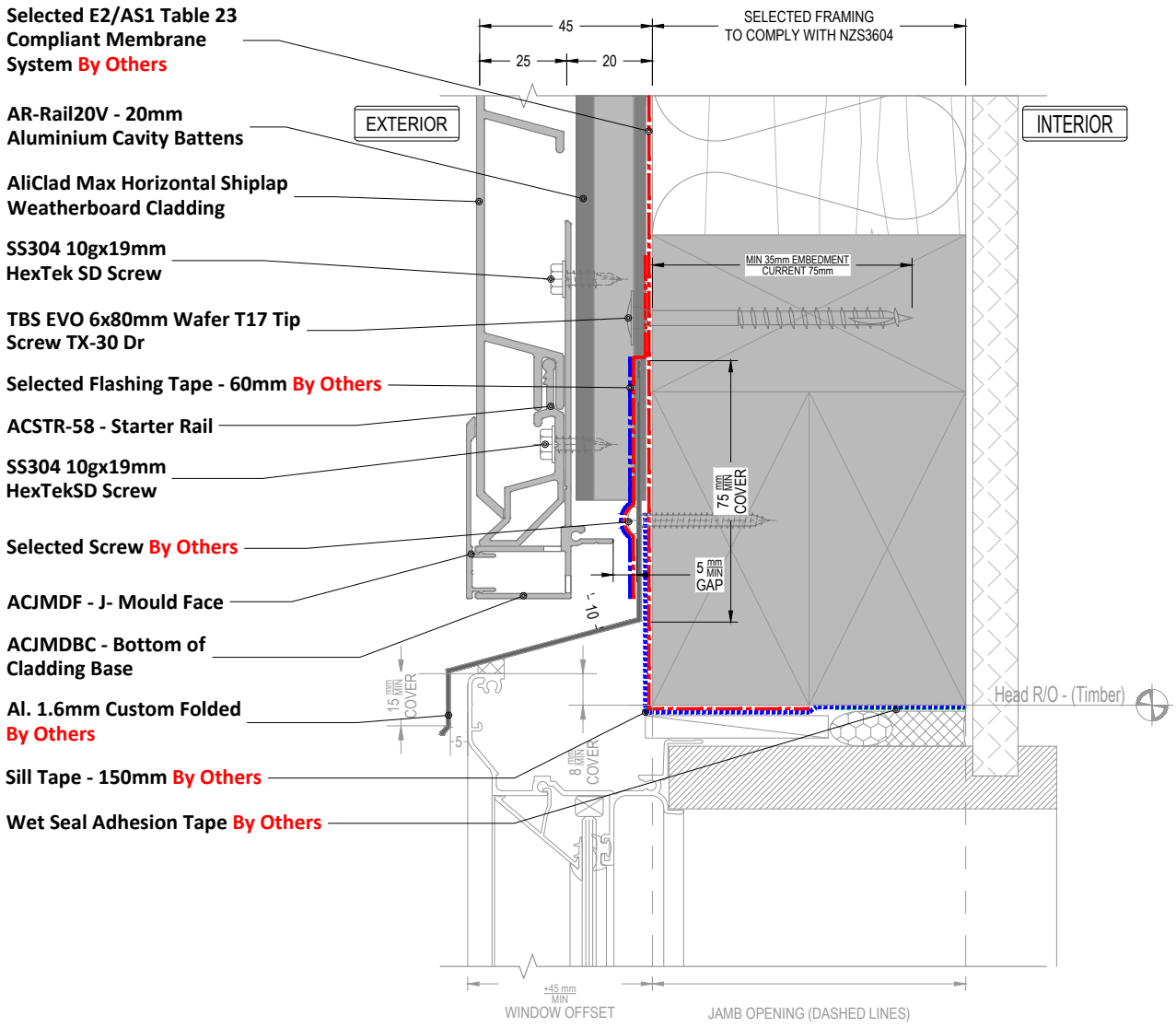
ALICLAD MAX



NOTE

Refer to drawing "7.4" for Sill/Jamb Junction

NOTE 2

Flashings and Angles are not included in the system

Window Head_WANZ/Supported

Detail Number

AC-H-AR-7.5

Version

JAN 2024 [v1.6]

THE BUILDING AGENCY

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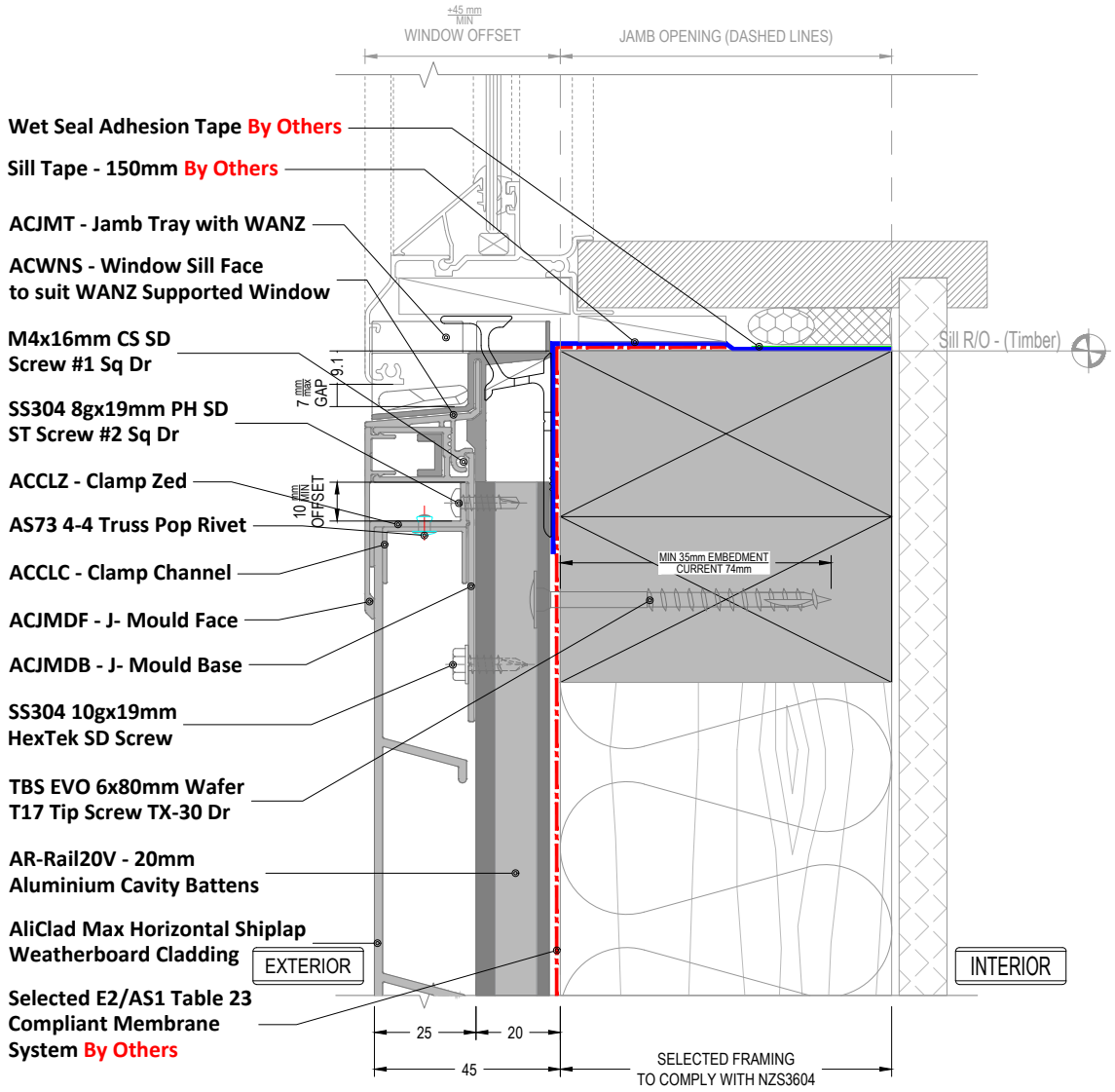
ALICLAD MAX



NOTE

Refer to drawing "7.4" for Sill/Jamb Junction

Window Sill_WANZ/Supported

Detail Number

AC-H-AR-7.6

Version

JAN 2024 [v1.6]

THE BUILDING AGENCY

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