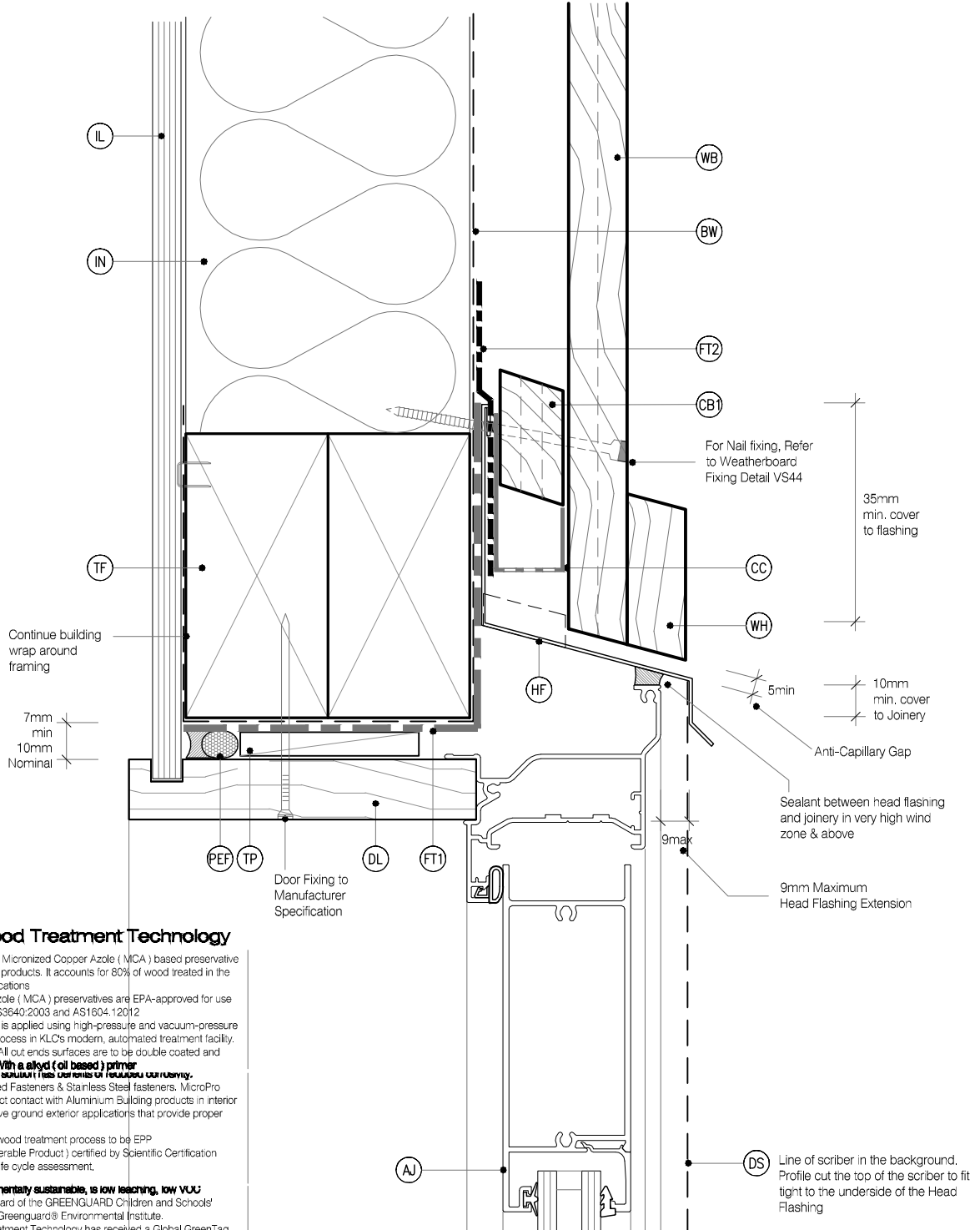


## LEGEND :

<b>PEF</b>	PEF ROD BACKING: Foam backing rod with sealant to cavity in door perimeter that forms a waterproof air-seal. ( Sealant 2:1 Ratio )	<b>CB2</b>	CAVITY BATTEN, VERTICAL: 45x20 KLC Generation II, MicroPro H3.2 F.J. To form a 20mm cavity	<b>DL</b>	DOOR LINER: As Specified ( We Recommend MicroPro H3.2 Liners & Sills )
<b>AJ</b>	ALUMINIUM JOINERY: Selected double glazed aluminium joinery	<b>TF</b>	TIMBER FRAME: H1.2 min treated timber framing	<b>WH</b>	WEATHERHEAD: ( OPTIONAL ) MicroPro H3.2, Horizontal batten above window as necessary to suit profile, shaped to shed water, sealant to back of head scriber
<b>IL</b>	INTERNAL LINING: Selected Internal Lining	<b>FT1</b>	FLASHING TAPE: Flashing tape over wrap 70mm (50 min) turn-down required in corners only. Refer to Fig. 72 of NZBC E2/AS1	<b>WZ</b>	WANZ SUPPORT: Provide window support as required by joinery manufacturer
<b>BW</b>	BUILDING WRAP: Flexible Wall Underlay, As per NZBC E2/AS1 - Table 23. In extra high wind zones, Rigid Underlay required ( 9.1.7.2 E2/AS1 )	<b>FT2</b>	FLEXIBLE FLASHING TAPE: Flexible flashing tape lapped over aluminium head flashing or 2nd layer of Building Wrap to taped joint or top of frame	<b>DS</b>	DOOR SCRIBER: KLC Generation II, MicroPro H3.2 Sealant to back of scriber and 75 x 3.15mm Galvanised nail in 3mm predrilled hole.
<b>CC</b>	CAVITY CLOSURE: Cavity closure strip, positioned to give a 15mm Min drip edge to cladding	<b>IN</b>	INSULATION: Selected Insulation	<b>WB</b>	WEATHER BOARD: KLC Generation II, MicroPro H3.2 Vertical Shiplap WB. Profile to NZS 3617
<b>CB1</b>	CAVITY BATTEN, HORIZONTAL: 45x20 Castellated with a 18 degree bevelled slope. MicroPro H3.2 F.J. To form a 20mm cavity	<b>HF</b>	HEAD FLASHING: Aluminium head flashing with minimum 15 degree fall and optional hemmed edges as per table 7 E2/AS1		
		<b>TP</b>	TIMBER PACKER: MicroPro H3.2 Treated Packer		



### MicroPro® Wood Treatment Technology

1. KLC use the MicroPro Micronized Copper Azole ( MCA ) based preservative system for their wood products. It accounts for 80% of wood treated in the US for domestic applications
2. Micronized Copper Azole ( MCA ) preservatives are EPA-approved for use in NZ and AUS to NZS3640:2003 and AS1604.12012
3. MicroPro preservative is applied using high-pressure and vacuum-pressure in the impregnation process in KLC's modern, automated treatment facility.
4. Cut End Treatment : All cut ends surfaces are to be double coated and sealed before fixing. With a alkyl ( oil based ) primer
5. MicroPro preservative solution has no harm to humans or the environment. Use Hot Dip Galvanised Fasteners & Stainless Steel fasteners. MicroPro may be placed in direct contact with Aluminium Building products in interior applications, and above ground exterior applications that provide proper water drainage
6. MicroPro® is the first wood treatment process to be EPP (Environmentally Preferable Product) certified by Scientific Certification Systems based on a life cycle assessment.
7. MicroPro® is environmentally sustainable, is low leaching, low VOC emissions and the award of the GREENGUARD Children and Schools' Certification from the Greenguard® Environmental Institute.
8. MicroPro® Wood Treatment Technology has received a Global GreenTag GreenRate™ Level A this declaration is 'Fit-for-Purpose' and confirmed for Green Building compliance.
9. MicroPro® Wood Treatment Technology has received GreenTag PhD™ proving claims that MicroPro® is safe for human health (and ecosystems).

CAD REF : KLC CF20 VS20-25 - DOOR DETAILS.dwg  
DATE : 26/10/2018



**www.klc.co.nz**  
DETAILS MAY BE SUBJECT  
TO CHANGE WITHOUT NOTICE  
COPYRIGHT © "KLC LIMITED" ALL RIGHTS ASSERTED

TYPE **Generation II H3.2 Exterior Cladding Systems**  
**Vertical Shiplap WB - Cavity Fix**

NAME **Door Head Detail - Aluminium Joinery**



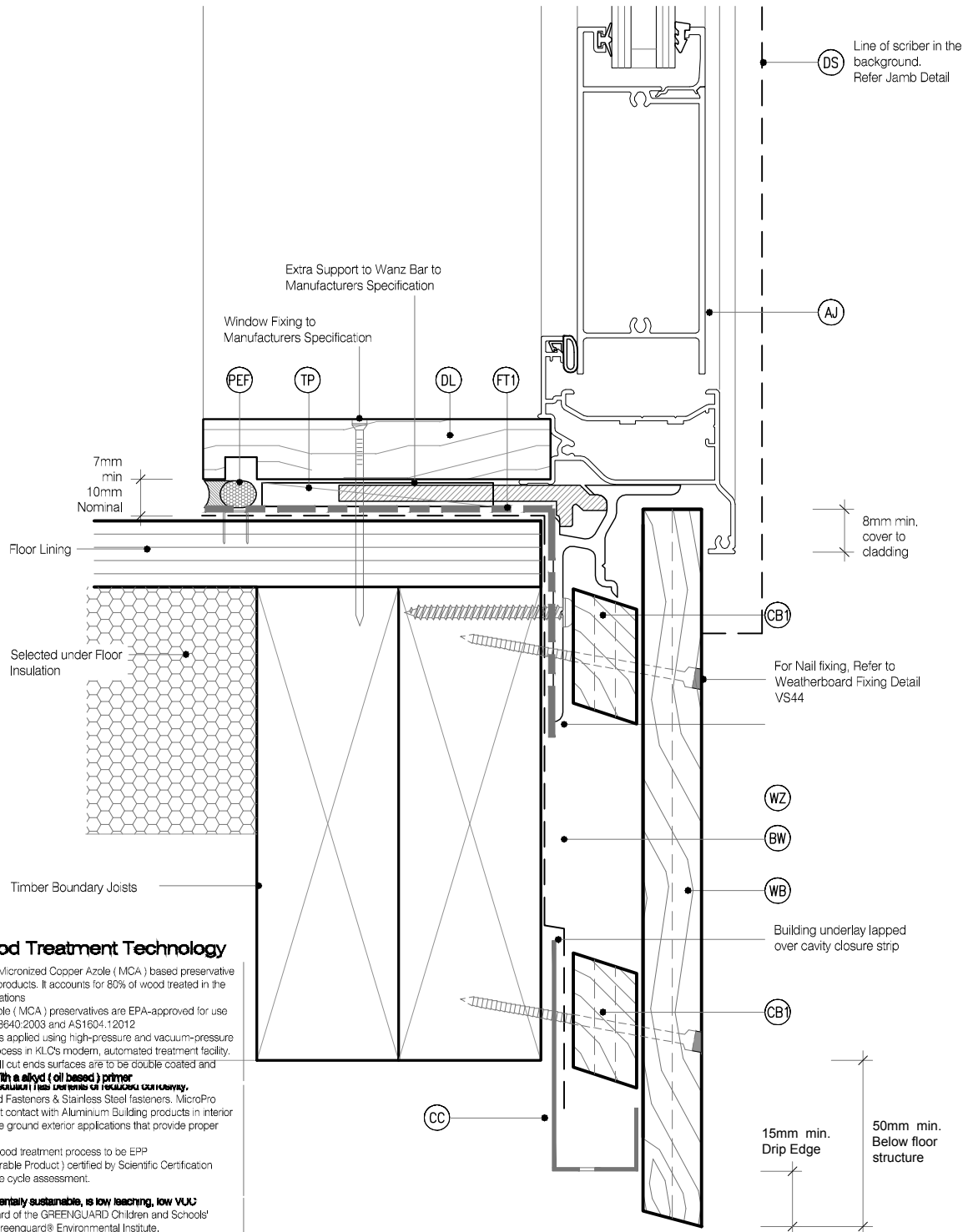
DRAWING SCALE  
1:2 @ A4

ISSUE DATE  
26/10/2018

DRAWING No **KLC CF20 VS20** REVISION

## LEGEND :

<b>PEF</b>	PEF ROD BACKING: Foam backing rod with sealant to cavity in door perimeter that forms a waterproof air-seal. ( Sealant 2:1 Ratio )	<b>CB2</b>	CAVITY BATTEN, VERTICAL: 45x20 KLC Generation II, MicroPro H3.2 F.J. To form a 20mm cavity	<b>DL</b>	DOOR LINER: As Specified ( We Recommend MicroPro H3.2 Liners & Sills )
<b>AJ</b>	ALUMINIUM JOINERY: Selected double glazed aluminium joinery	<b>TF</b>	TIMBER FRAME: H1.2 min treated timber framing	<b>WH</b>	WEATHERHEAD: ( OPTIONAL ) MicroPro H3.2, Horizontal batten above window as necessary to suit profile, shaped to shed water, sealant to back of head scriber
<b>IL</b>	INTERNAL LINING: Selected Internal Lining	<b>FT1</b>	FLASHING TAPE: Flashing tape over wrap 70mm (50 min) turn-down required in corners only. Refer to Fig. 72 of NZBC E2/AS1	<b>WZ</b>	WANZ SUPPORT: Provide window support as required by joinery manufacturer
<b>BW</b>	BUILDING WRAP: Flexible Wall Underlay, As per NZBC E2/AS1 - Table 23. In extra high wind zones, Rigid Underlay required ( 9.1.7.2 E2/AS1 )	<b>FT2</b>	FLEXIBLE FLASHING TAPE: Flexible flashing tape lapped over aluminium head flashing or 2nd layer of Building Wrap to taped joint or top of frame	<b>DS</b>	DOOR SCRIBER: KLC Generation II, MicroPro H3.2 Sealant to back of scriber and 75 x 3.15mm Galvanised nail in 3mm predrilled hole.
<b>CC</b>	CAVITY CLOSURE: Cavity closure strip, positioned to give a 15mm Min drip edge to cladding	<b>IN</b>	INSULATION: Selected Insulation	<b>WB</b>	WEATHER BOARD: KLC Generation II, MicroPro H3.2 Vertical Shiplap WB. Profile to NZS 3617
<b>CB1</b>	CAVITY BATTEN, HORIZONTAL: 45x20 Castellated with a 18 degree bevelled slope. MicroPro H3.2 F.J. To form a 20mm cavity	<b>HF</b>	HEAD FLASHING: Aluminium head flashing with minimum 15 degree fall and optional hemmed edges as per table 7 E2/AS1		
		<b>TP</b>	TIMBER PACKER: MicroPro H3.2 Treated Packer		



### MicroPro® Wood Treatment Technology

- KLC use the MicroPro Micronized Copper Azole ( MCA ) based preservative system for their wood products. It accounts for 80% of wood treated in the US for domestic applications.
- Micronized Copper Azole ( MCA ) preservatives are EPA-approved for use in NZ and AUS to NZS3640:2003 and AS1804.12012.
- MicroPro preservative is applied using high-pressure and vacuum-pressure in the impregnation process in KLC's modern, automated treatment facility.
- Cut End Treatment: All cut ends surfaces are to be double coated and sealed before fixing. With a silyl ( oil based ) primer.
- MicroPro preservative solution ( 10% solution ) is to be applied to all surfaces. Use Hot Dip Galvanised Fasteners & Stainless Steel fasteners. MicroPro may be placed in direct contact with Aluminium Building products in interior applications, and above ground exterior applications that provide proper water drainage.
- MicroPro® is the first wood treatment process to be EPP ( Environmentally Preferable Product ) certified by Scientific Certification Systems based on a life cycle assessment.
- MicroPro® is environmentally sustainable, is low leaching, low VOC emissions and the award of the GREENGUARD Children and Schools' Certification from the Greenguard® Environmental Institute.
- MicroPro® Wood Treatment Technology has received a Global GreenTag GreenRate™ Level A this declaration is 'Fit-for-Purpose' and confirmed for Green Building compliance.
- MicroPro® Wood Treatment Technology has received GreenTag PhD™ proving claims that MicroPro® is safe for human health (and ecosystems).

CAD REF : KLC CF20 VS20-25 - DOOR DETAILS.dwg

DATE : 26/10/2018



**www.klc.co.nz**  
DETAILS MAY BE SUBJECT  
TO CHANGE WITHOUT NOTICE  
COPYRIGHT © "KLC LIMITED" ALL RIGHTS ASSERTED



TYPE **Generation II H3.2 Exterior Cladding Systems**  
**Vertical Shiplap WB - Cavity Fix**

NAME **Door Sill Detail - Aluminium Joinery**



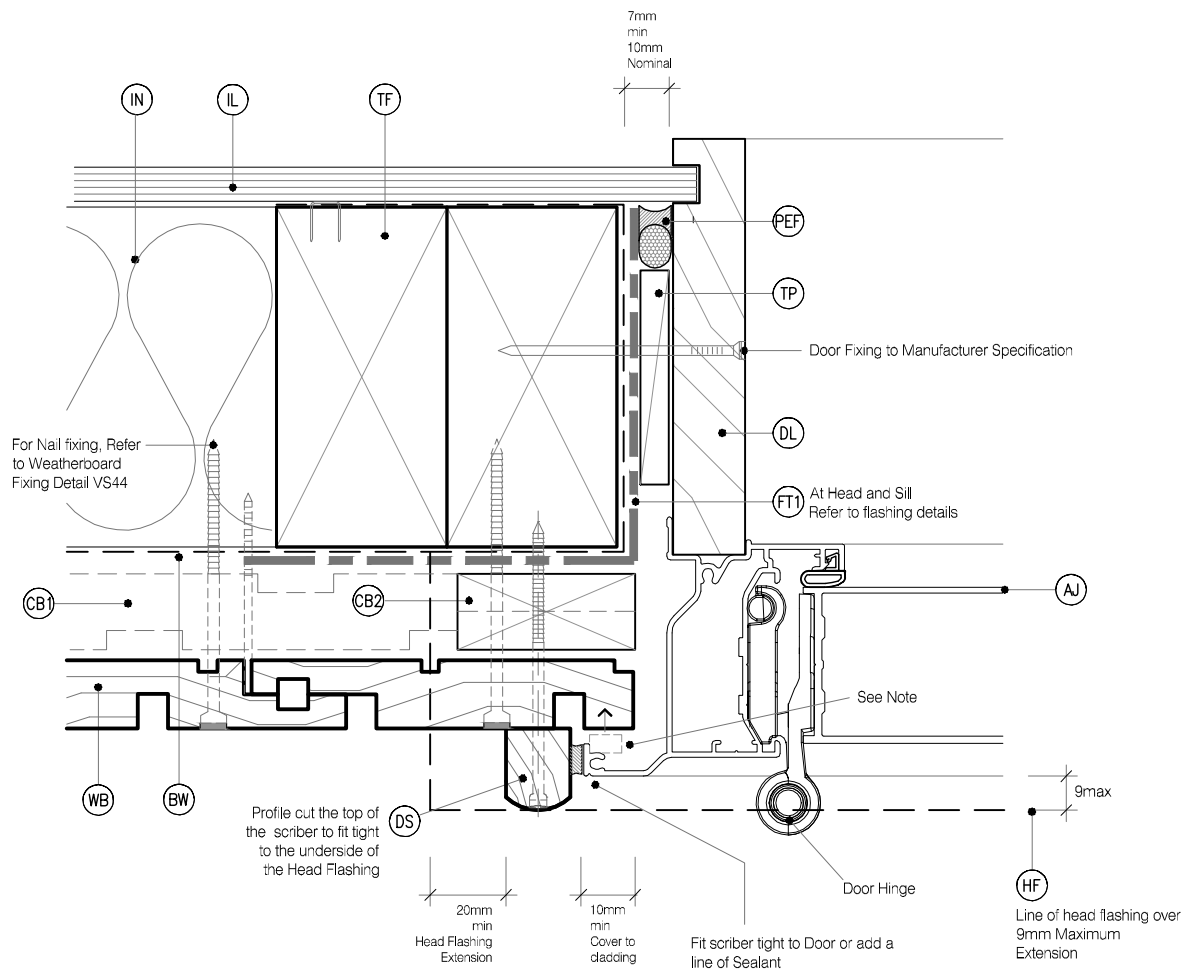
DRAWING SCALE  
1:2 @ A4

ISSUE DATE  
26/10/2018

DRAWING No **KLC CF20 VS21** REVISION

## LEGEND :

<b>PEF</b> PEF ROD BACKING: Foam backing rod with sealant to cavity in door perimeter that forms a waterproof air-seal. ( Sealant 2:1 Ratio )	<b>CB2</b> CAVITY BATTEN, VERTICAL: 45x20 KLC Generation II, MicroPro H3.2 F.J. To form a 20mm cavity	<b>DL</b> DOOR LINER: As Specified ( We Recommend MicroPro H3.2 Liners & Sills )
<b>AJ</b> ALUMINIUM JOINERY: Selected double glazed aluminium joinery	<b>TF</b> TIMBER FRAME: H1.2 min treated timber framing	<b>WH</b> WEATHERHEAD: ( OPTIONAL ) MicroPro H3.2, Horizontal batten above window as necessary to suit profile, shaped to shed water, sealant to back of head scriber
<b>IL</b> INTERNAL LINING: Selected Internal Lining	<b>FT1</b> FLASHING TAPE: Flashing tape over wrap 70mm (50 min) turn-down required in corners only. Refer to Fig. 72 of NZBC E2/AS1	<b>WZ</b> WANZ SUPPORT: Provide window support as required by joinery manufacturer
<b>BW</b> BUILDING WRAP: Flexible Wall Underlay, As per NZBC E2/AS1 - Table 23. In extra high wind zones, Rigid Underlay required ( 9.1.7.2 E2/AS1 )	<b>FT2</b> FLEXIBLE FLASHING TAPE: Flexible flashing tape lapped over aluminium head flashing or 2nd layer of Building Wrap to taped joint or top of frame	<b>DS</b> DOOR SCRIBER: KLC Generation II, MicroPro H3.2 Sealant to back of scriber and 75 x 3.15mm Galvanised nail in 3mm predrilled hole.
<b>CC</b> CAVITY CLOSURE: Cavity closure strip, positioned to give a 15mm Min drip edge to cladding	<b>IN</b> INSULATION: Selected Insulation	<b>WB</b> WEATHER BOARD: KLC Generation II, MicroPro H3.2 Vertical Shiplap WB. Profile to NZS 3617
<b>CB1</b> CAVITY BATTEN, HORIZONTAL: 45x20 Castellated with a 18 degree bevelled slope. MicroPro H3.2 F.J. To form a 20mm cavity	<b>HF</b> HEAD FLASHING: Aluminium head flashing with minimum 15 degree fall and optional hemmed edges as per table 7 E2/AS1	
	<b>TP</b> TIMBER PACKER: MicroPro H3.2 Treated Packer	



NOTE : No Scribe Option :  
The Aluminium Joinery must sit hard against the back of the joinery flange and the timber weatherboards with a E.P.S Compressible bond breaker foam seal between

## MicroPro® Wood Treatment Technology

- KLC use the MicroPro Micronized Copper Azole ( MCA ) based preservative system for their wood products. It accounts for 80% of wood treated in the US for domestic applications.
- Micronized Copper Azole ( MCA ) preservatives are EPA-approved for use in NZ and AUS to NZS3640:2003 and AS1604:12012
- MicroPro preservative is applied using high-pressure and vacuum-pressure in the impregnation process in KLC's modern, automated treatment facility.
- Cut End Treatment : All cut ends surfaces are to be double coated and sealed before fixing. With a alkyl ( oil based ) primer
- MicroPro preservative solution has benefits of reduced corrosivity. Use Hot Dip Galvanised Fasteners & Stainless Steel fasteners. MicroPro may be placed in direct contact with Aluminium Building products in interior applications, and above ground exterior applications that provide proper water drainage.
- MicroPro® is the first wood treatment process to be EPP ( Environmentally Preferable Product ) certified by Scientific Certification Systems based on a life cycle assessment.
- MicroPro® is environmentally sustainable, is low leaching, low VOC emissions and the award of the GREENGUARD Children and Schools Certification from the Greenguard® Environmental Institute.
- MicroPro® Wood Treatment Technology has received a Global GreenTag GreenRate™ Level A this declaration is 'Fit-for-Purpose' and confirmed for Green Building compliance.
- MicroPro® Wood Treatment Technology has received GreenTag PhD™ proving claims that MicroPro® is safe for human health (and ecosystems).

CAD REF : KLC CF20 VS20-25 - DOOR DETAILS.dwg

DATE : 26/10/2018



**www.klc.co.nz**  
DETAILS MAY BE SUBJECT  
TO CHANGE WITHOUT NOTICE  
COPYRIGHT © "KLC LIMITED" ALL RIGHTS ASSERTED



TYPE **Generation II H3.2 Exterior Cladding Systems**  
**Vertical Shiplap WB - Cavity Fix**

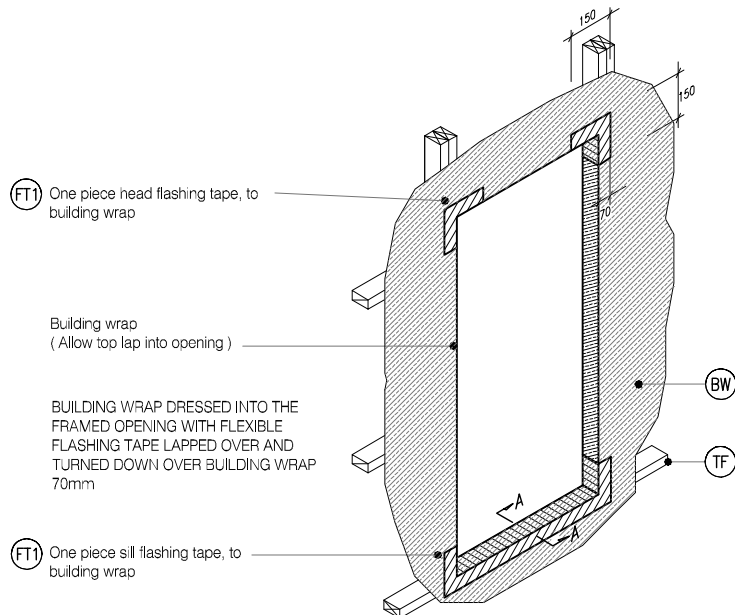
NAME **Door Jamb Detail - Aluminium Joinery**



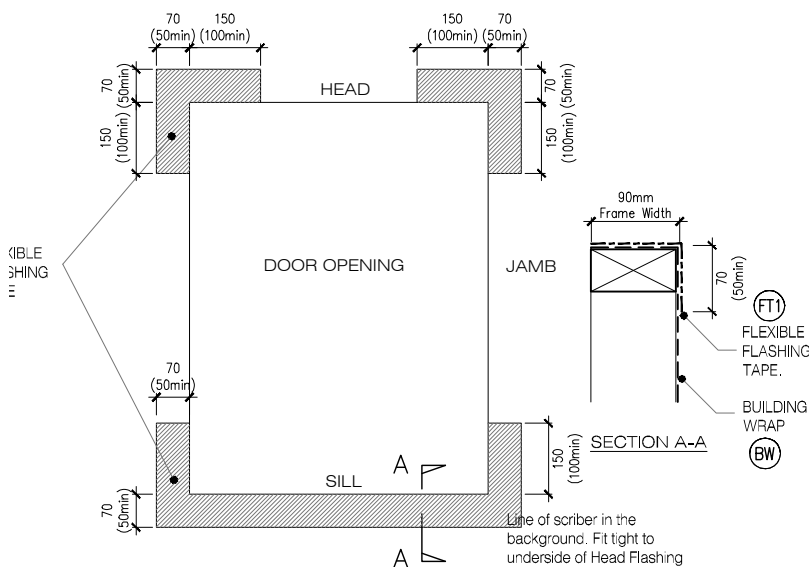
DRAWING SCALE  
1:2 @ A4

ISSUE DATE  
26/10/2018

DRAWING No **KLC CF20 VS22** REVISION



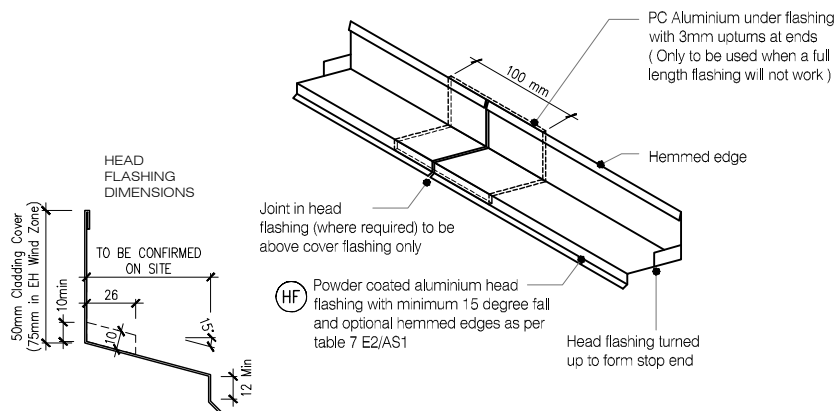
**D4** TYPICAL DOOR OPENING (FLASHING TAPE)  
VS23 SCALE : N.T.S



**D5** FLEXIBLE BUILDING WRAP AT OPENING  
VS23 SCALE : 1 / 5 @ A1, 1 / 10 @ A3

#### MicroPro® Wood Treatment Technology

1. KLC use the MicroPro Micronized Copper Azole (MCA) based preservative system for their wood products. It accounts for 80% of wood treated in the US for domestic applications.
2. Micronized Copper Azole (MCA) preservatives are EPA-approved for use in NZ and AUS to NZS3640:2003 and AS1604:12012.
3. MicroPro preservative is applied using high-pressure and vacuum-pressure in the impregnation process in KLC's modern, automated treatment facility.
4. Cut End Treatment: All cut ends surfaces are to be double coated and **sealed before fixing. With a alkyl (oil based) primer**.
5. MicroPro preservative solution has benefits of reduced corrosivity. Use Hot Dip Galvanised Fasteners & Stainless Steel fasteners. MicroPro may be placed in direct contact with Aluminium Building products in interior applications, and above ground exterior applications that provide proper water drainage.
6. MicroPro® is the first wood treatment process to be EPP (Environmentally Preferable Product) certified by Scientific Certification Systems based on a life cycle assessment.
7. MicroPro® is environmentally sustainable, is low leaching, low VOC emissions and the award of the GREENGUARD Children and Schools' Certification from the Greenguard® Environmental Institute.
8. MicroPro® Wood Treatment Technology has received a Global GreenTag GreenRate™ Level A this declaration is 'Fit-for-Purpose' and confirmed for Green Building compliance.
9. MicroPro® Wood Treatment Technology has received GreenTag PhD™ proving claims that MicroPro® is safe for human health (and ecosystems).



**D6** TYPICAL HEAD & FLASHING JOINT  
VS23 SCALE : 1 / 2 @ A1, 1 / 4 @ A3