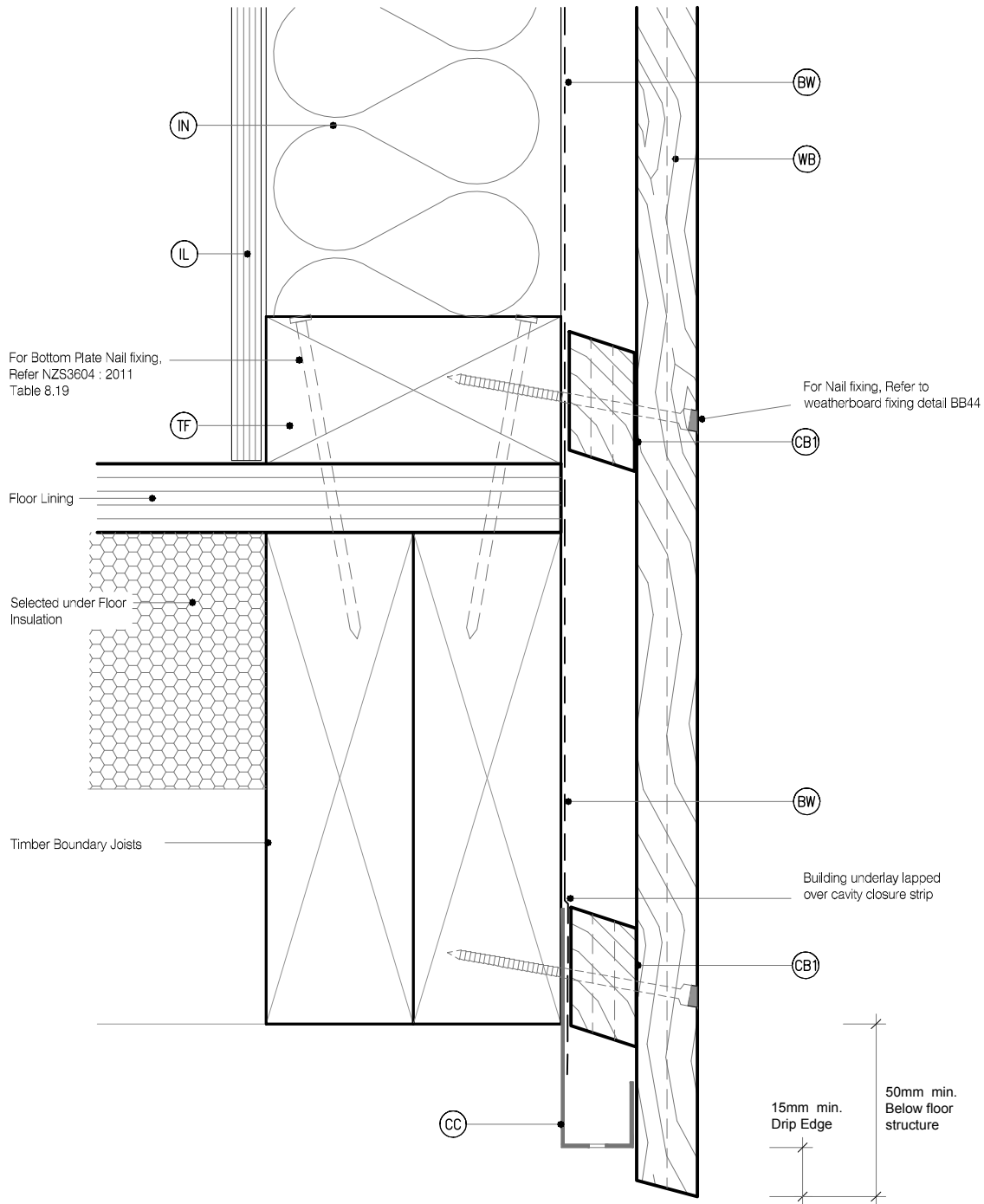


LEGEND :

- (WB) WEATHER BOARD: KLC Generation II, MicroPro H3.2 Vertical Shiplap WB. Profile to NZS 3617
- (IL) INTERNAL LINING: Selected Internal Lining
- (BW) 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)
- (IN) INSULATION: Selected Insulation
- (TF) TIMBER FRAME: H1.2 min treated timber framing

- (CB1) CAVITY BATTEN, HORIZONTAL: 45x20 Castellated with a 18 degree bevelled slope. MicroPro H3.2 FJ. To form a 20mm cavity
- (CB2) CAVITY BATTEN, VERTICAL: 45x20 KLC Generation II, MicroPro H3.2 FJ. To form a 20mm cavity
- (MR) METAL ROOFING : Selected Metal Roofing
- (RU) ROOFING UNDERLAY: Selected Roofing Underlay As Per AS/AZS4200 with Mesh or Self Supported
- (TP) TIMBER PACKER: Cant Strip, MicroPro H3.2 Treated

- (HS) HEAD SOFFIT SCRIBER: KLC Generation II, MicroPro H3.2. Fix with 75 x 3.15mm Galvanised nail in 2.5mm predrilled hole
- (AF) APRON FLASHING: Materials as per E2/AS1 4.0, Coating to match roofing material or refer E2/AS1 Table 21. Flashing Cover 130mm min. (L,M & H $\geq 10^\circ$) All others 200mm Refer Table 7 E2/AS1
- (SL) SOFFIT LINING: As Selected (Typically 7.5mm Hardies Soffit Liner)
- (CC) CAVITY CLOSURE: Cavity closure strip, positioned to give a 15mm Min drip edge to cladding



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 alkylid (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 VS60-66 - GENERAL DETAILS 03.dwg

DATE : 11/10/2020



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

NAME **Base of Wall, Timber**



DRAWING SCALE
1:2 @ A4

ISSUE DATE
26/03/2019

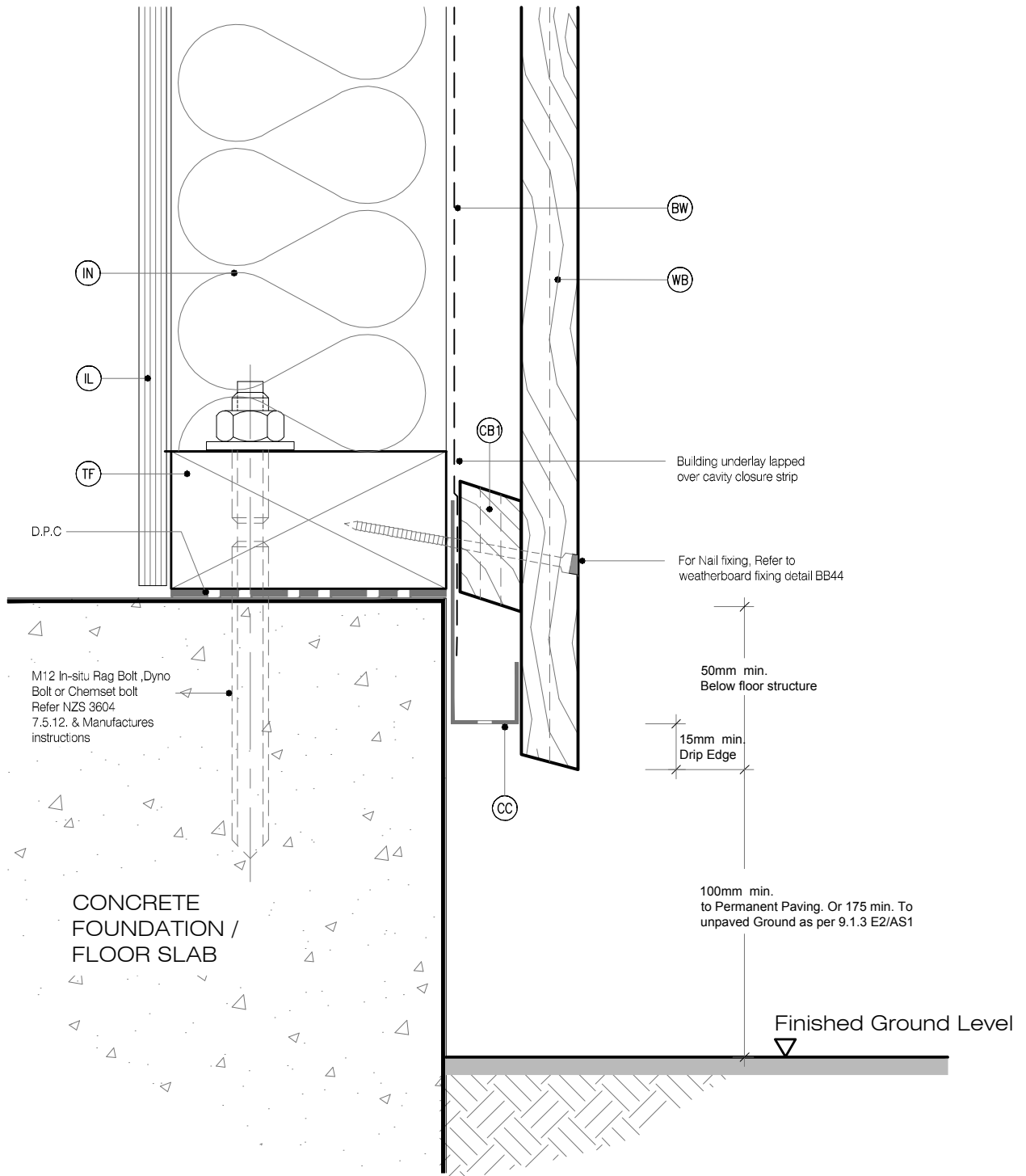
DRAWING No **KLC CF20 VS60** REVISION

LEGEND :

- (WB) WEATHER BOARD: KLC Generation II, MicroPro H3.2 Vertical Shiplap WB. Profile to NZS 3617
- (IL) INTERNAL LINING: Selected Internal Lining
- (BW) 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)
- (IN) INSULATION: Selected Insulation
- (TF) TIMBER FRAME: H1.2 min treated timber framing

- (CB1) CAVITY BATTEN, HORIZONTAL: 45x20 Castellated with a 18 degree bevelled slope. MicroPro H3.2 FJ. To form a 20mm cavity
- (CB2) CAVITY BATTEN, VERTICAL: 45x20 KLC Generation II, MicroPro H3.2 FJ. To form a 20mm cavity
- (MR) METAL ROOFING : Selected Metal Roofing
- (RU) ROOFING UNDERLAY: Selected Roofing Underlay As Per AS/AZS4200 with Mesh or Self Supported
- (TP) TIMBER PACKER: Cant Strip, MicroPro H3.2 Treated

- (HS) HEAD SOFFIT SCRIBER: KLC Generation II, MicroPro H3.2. Fix with 75 x 3.15mm Galvanised nail in 2.5mm predrilled hole
- (AF) APRON FLASHING: Materials as per E2/AS1 4.0, Coating to match roofing material or refer E2/AS1 Table 21. Flashing Cover 130mm min. (L,M & H $\geq 10^\circ$) All others 200mm Refer Table 7 E2/AS1
- (SL) SOFFIT LINING: As Selected (Typically 7.5mm Hardies Soffit Liner)
- (CC) CAVITY CLOSURE: Cavity closure strip, positioned to give a 15mm Min drip edge to cladding



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- 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).

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DATE :12/10/2020



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

NAME **Base of Wall, Concrete**



DRAWING SCALE
1:2 @ A4

ISSUE DATE
26/03/2019

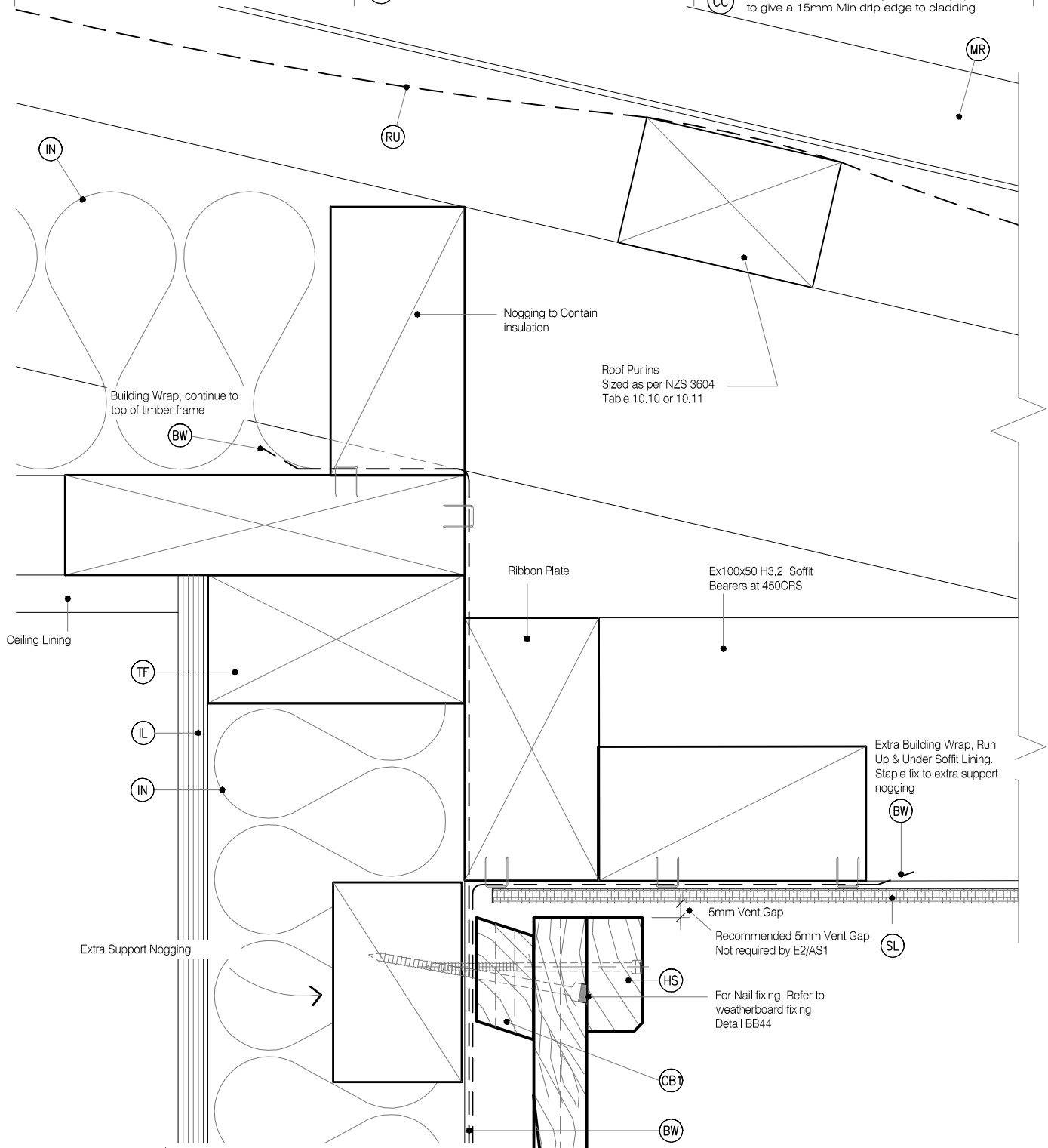
DRAWING No **KLC CF20 VS61** REVISION

LEGEND :

- (WB) WEATHER BOARD: KLC Generation II, MicroPro H3.2 Vertical Shiplap WB. Profile to NZS 3617
- (IL) INTERNAL LINING: Selected Internal Lining
- (BW) 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)
- (IN) INSULATION: Selected Insulation
- (TF) TIMBER FRAME: H1.2 min treated timber framing

- (CB1) CAVITY BATTEN, HORIZONTAL: 45x20 Castellated with a 18 degree bevelled slope. MicroPro H3.2 FJ. To form a 20mm cavity
- (CB2) CAVITY BATTEN, VERTICAL: 45x20 KLC Generation II, MicroPro H3.2 FJ. To form a 20mm cavity
- (MR) METAL ROOFING : Selected Metal Roofing
- (RU) ROOFING UNDERLAY: Selected Roofing Underlay As Per AS/AZS4200 with Mesh or Self Supported
- (TP) TIMBER PACKER: Cant Strip, MicroPro H3.2 Treated

- (HS) HEAD SOFFIT SCRIBER: KLC Generation II, MicroPro H3.2. Fix with 75 x 3.15mm Galvanised nail in 2.5mm predrilled hole
- (AF) APRON FLASHING: Materials as per E2/AS1 4.0, Coating to match roofing material or refer E2/AS1 Table 21. Flashing Cover 130mm min. (L,M & H ≥ 10°) All others 200mm Refer Table 7 E2/AS1
- (SL) SOFFIT LINING: As Selected (Typically 7.5mm Hardies Soffit Liner)
- (CC) CAVITY CLOSURE: Cavity closure strip, positioned to give a 15mm Min drip edge to cladding



MicroPro® Wood Treatment Technology

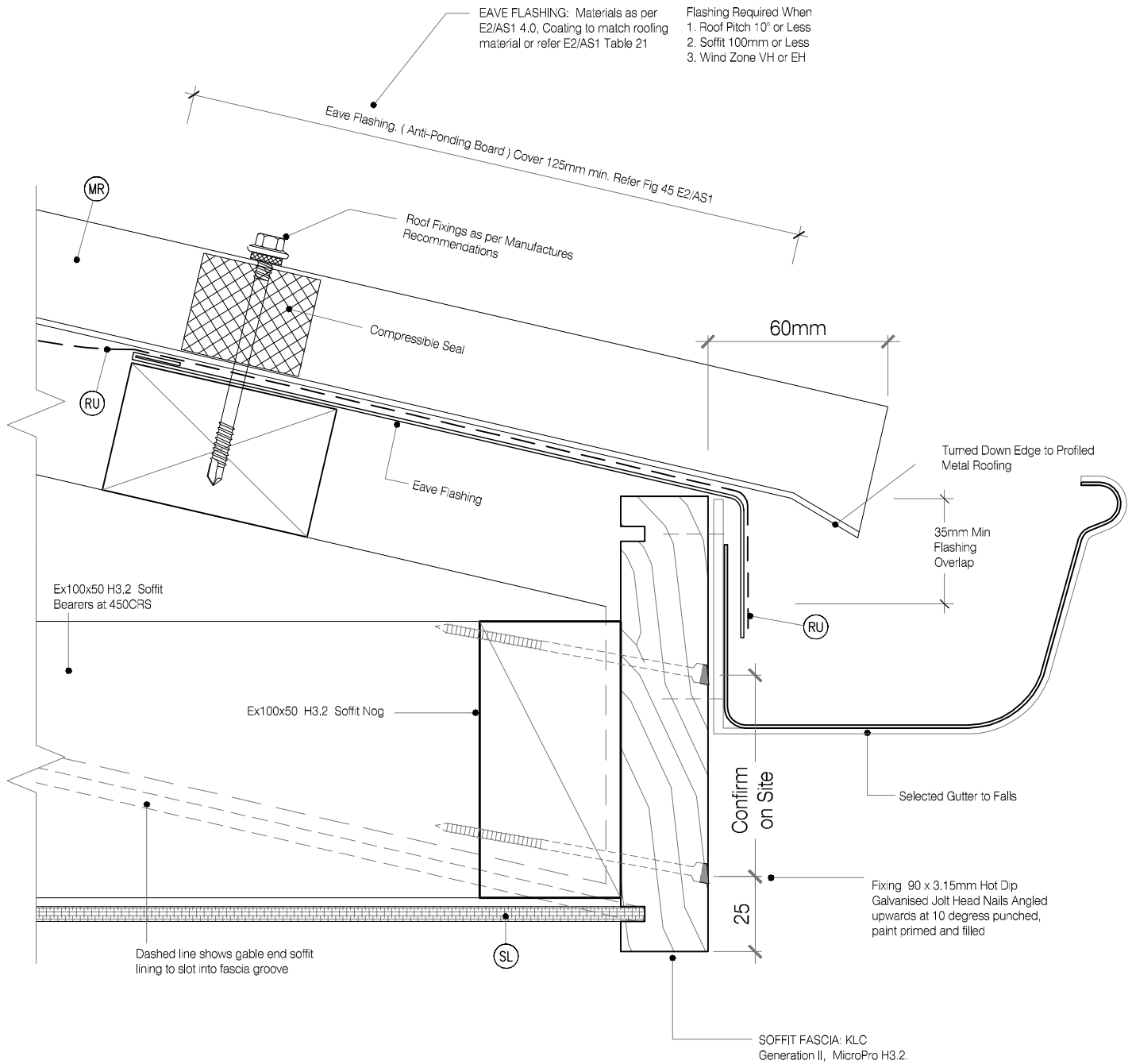
- KLC use the MicroPro Micronized Copper Azole (MCA) based preservative system for their wood products. It accounts for 80% of wood treated in the US for domestic applications.
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- Cut End Treatment: All cut ends surfaces are to be double coated and sealed before fixing. With a alkylid (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).

LEGEND :

- (WB) WEATHER BOARD: KLC Generation II, MicroPro H3.2 Vertical Shiplap WB. Profile to NZS 3617
- (IL) INTERNAL LINING: Selected Internal Lining
- (BW) 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)
- (IN) INSULATION: Selected Insulation
- (TF) TIMBER FRAME: H1.2 min treated timber framing

- (CB1) CAVITY BATTEN, HORIZONTAL: 45x20 Castellated with a 18 degree bevelled slope. MicroPro H3.2 FJ. To form a 20mm cavity
- (CB2) CAVITY BATTEN, VERTICAL: 45x20 KLC Generation II, MicroPro H3.2 FJ. To form a 20mm cavity
- (MR) METAL ROOFING : Selected Metal Roofing
- (RU) ROOFING UNDERLAY: Selected Roofing Underlay As Per AS/AZS4200 with Mesh or Self Supported
- (TP) TIMBER PACKER: Cant Strip, MicroPro H3.2 Treated

- (HS) HEAD SOFFIT SCRIBER: KLC Generation II, MicroPro H3.2. Fix with 75 x 3.15mm Galvanised nail in 2.5mm predrilled hole
- (AF) APRON FLASHING: Materials as per E2/AS1 4.0, Coating to match roofing material or refer E2/AS1 Table 21. Flashing Cover 130mm min. (L,M & H ≥ 10°) All others 200mm Refer Table 7 E2/AS1
- (SL) SOFFIT LINING: As Selected (Typically 7.5mm Hardies Soffit Liner)
- (CC) CAVITY CLOSURE: Cavity closure strip, positioned to give a 15mm Min drip edge to cladding



MicroPro® Wood Treatment Technology

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- 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
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CAD REF : KLC CF20 VS60-66 - GENERAL DETAILS 03.dwg

DATE : 11/10/2020



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

NAME Soffit Detail at Fascia



DRAWING SCALE
1:2 @ A4

ISSUE DATE
26/03/2019

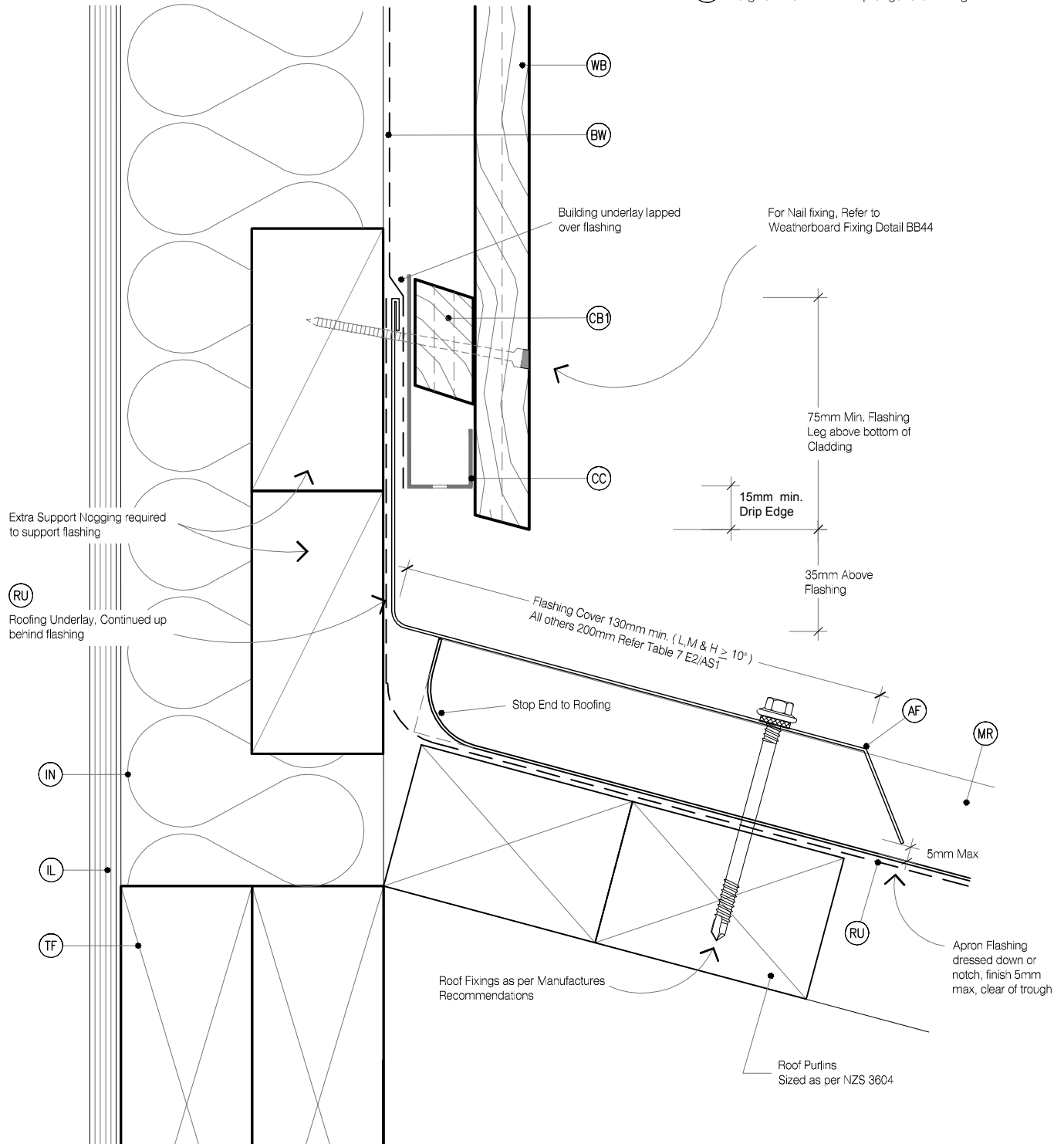
DRAWING No KLC CF20 VS63
REVISION

LEGEND :

- (WB) WEATHER BOARD: KLC Generation II, MicroPro H3.2 Vertical Shiplap WB. Profile to NZS 3617
(IL) INTERNAL LINING: Selected Internal Lining
(BW) 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)
(IN) INSULATION: Selected Insulation
(TF) TIMBER FRAME: H1.2 min treated timber framing

- (CB1) CAVITY BATTEN, HORIZONTAL: 45x20 Castellated with a 18 degree bevelled slope. MicroPro H3.2 FJ. To form a 20mm cavity
(CB2) CAVITY BATTEN, VERTICAL: 45x20 KLC Generation II, MicroPro H3.2 FJ. To form a 20mm cavity
(MR) METAL ROOFING : Selected Metal Roofing
(RU) ROOFING UNDERLAY: Selected Roofing Underlay As Per AS/AZS4200 with Mesh or Self Supported
(TP) TIMBER PACKER: Cant Strip, MicroPro H3.2 Treated

- (HS) HEAD SOFFIT SCRIBER: KLC Generation II, MicroPro H3.2. Fix with 75 x 3.15mm Galvanised nail in 2.5mm predrilled hole
(AF) APRON FLASHING: Materials as per E2/AS1 4.0, Coating to match roofing material or refer E2/AS1 Table 21. Flashing Cover 130mm min. (L,M & H $\geq 10^\circ$) All others 200mm Refer Table 7 E2/AS1
(SL) SOFFIT LINING: As Selected (Typically 7.5mm Hardies Soffit Liner)
(CC) CAVITY CLOSURE: Cavity closure strip, positioned to give a 15mm Min drip edge to cladding



MicroPro® Wood Treatment Technology

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- 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 alkylid (oil based) primer
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CAD REF : KLC CF20 VS60-66 - GENERAL DETAILS 03.dwg

DATE : 11/10/2020



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

NAME Apron Flashing - Roof to Wall Junction



DRAWING SCALE
1:2 @ A4

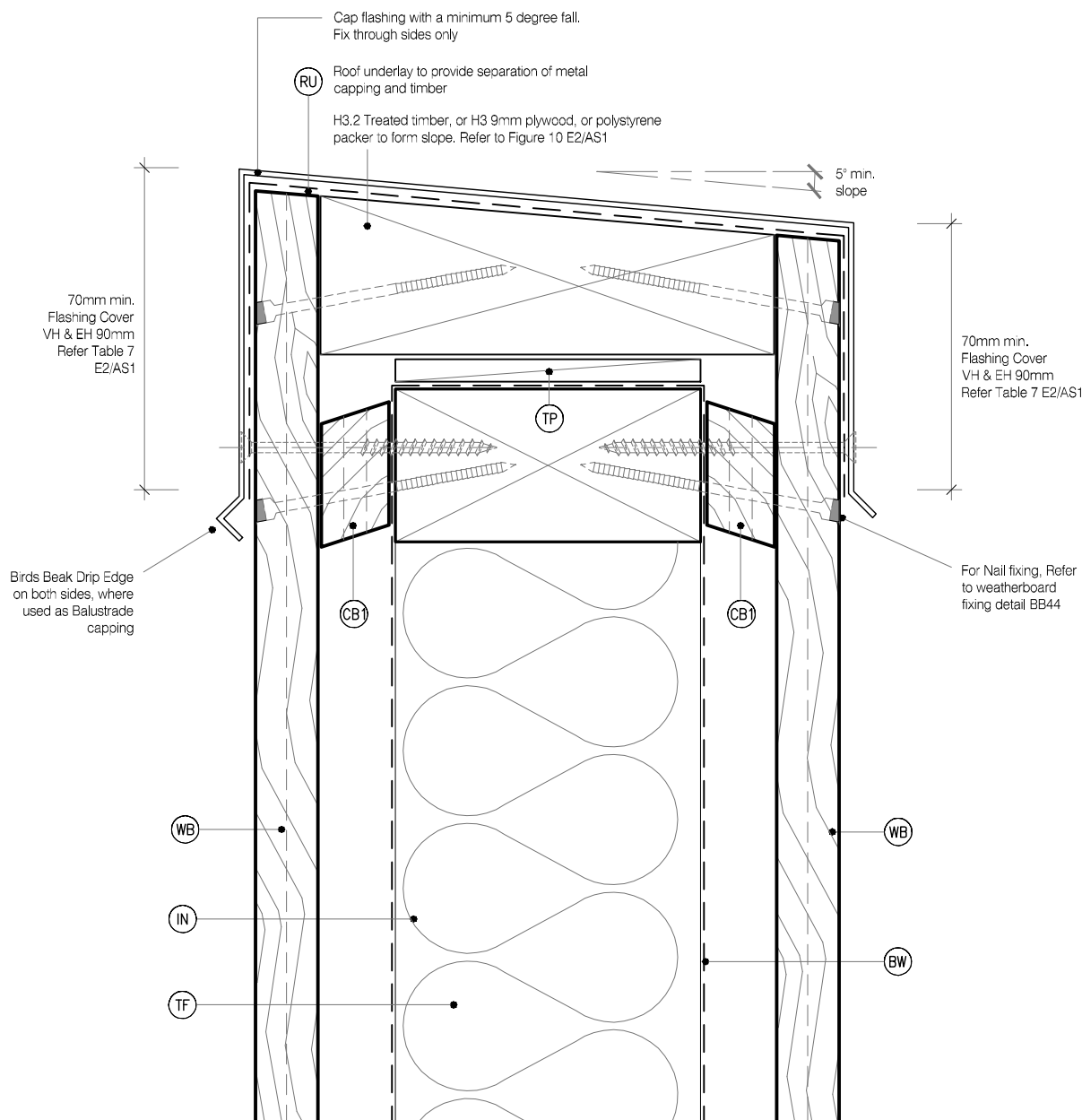
ISSUE DATE
26/03/2019

DRAWING No KLC CF20 VS64
REVISION

WB	WEATHER BOARD: KLC Generation II, MicroPro H3.2 Vertical ShipLap WB. Profile to NZS 3617
IL	INTERNAL LINING: Selected Internal Lining
BW	BUILDING WRAP: Flexible Watl Underlay, As per NZBC E2/AS1 - Table 23, In extra high wind zones, Ridgid Underlay required (9.1.7.2 E2/AS1)
IN	INSULATION: Selected Insulation
TF	TIMBER FRAME: H1.2 min treated timber framing

- | | |
|-----|---|
| CB1 | CAVITY BATTEN, HORIZONTAL: 45x20 Castelated with a 18 degree bevelled slope. MicroPro H3.2 FJ.
To form a 20mm cavity |
| CB2 | CAVITY BATTEN, VERTICAL: 45x20 KLC Generation II, MicroPro H3.2 FJ. To form a 20mm cavity |
| MR | METAL ROOFING : Selected Metal Roofing |
| RU | ROOFING UNDERLAY: Selected Roofing Underlay
As Per AS/AZS4200 with Mesh or Self Supported |
| TP | TIMBER PACKER: Cant Strip, MicroPro H3.2 Treated |

- | | |
|---|---|
|  | HEAD SOFFIT SCRIBER: KLC Generation II, MicroPro H3.2, Fix with 75 x 3,15mm Galvanised nail in 2.5mm predrilled hole |
|  | APRON FLASHING: Materials as per E2/AS1 4.0, Coating to match roofing material or refer E2/AS1 Table 21. Flashing Cover 130mm min. (L,M & H ≥ 10") All others 200mm Refer Table 7 E2/AS1 |
|  | SOFFIT LINING: As Selected (Typically 7.5mm Hardies Soffit Liner) |
|  | CAVITY CLOSURE: Cavity closure strip, positioned to give a 15mm Min drip edge to cladding |



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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.
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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
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9. MicroPro® Wood Treatment Technology has received GreenTag PhD™ proving claims that MicroPro® is safe for human health (and ecosystems).



 TYPE

Generation II H3.2 Exterior Cladding Systems

Vertical Shiplap WB - Cavity Fix

NAME Balustrade Capping or Parapet Detail



DRAWING SCALE
1:2 @ A4

ISSUE DATE
26/03/2019

DRAWING No	REVISION
KLC CF20 VS65	