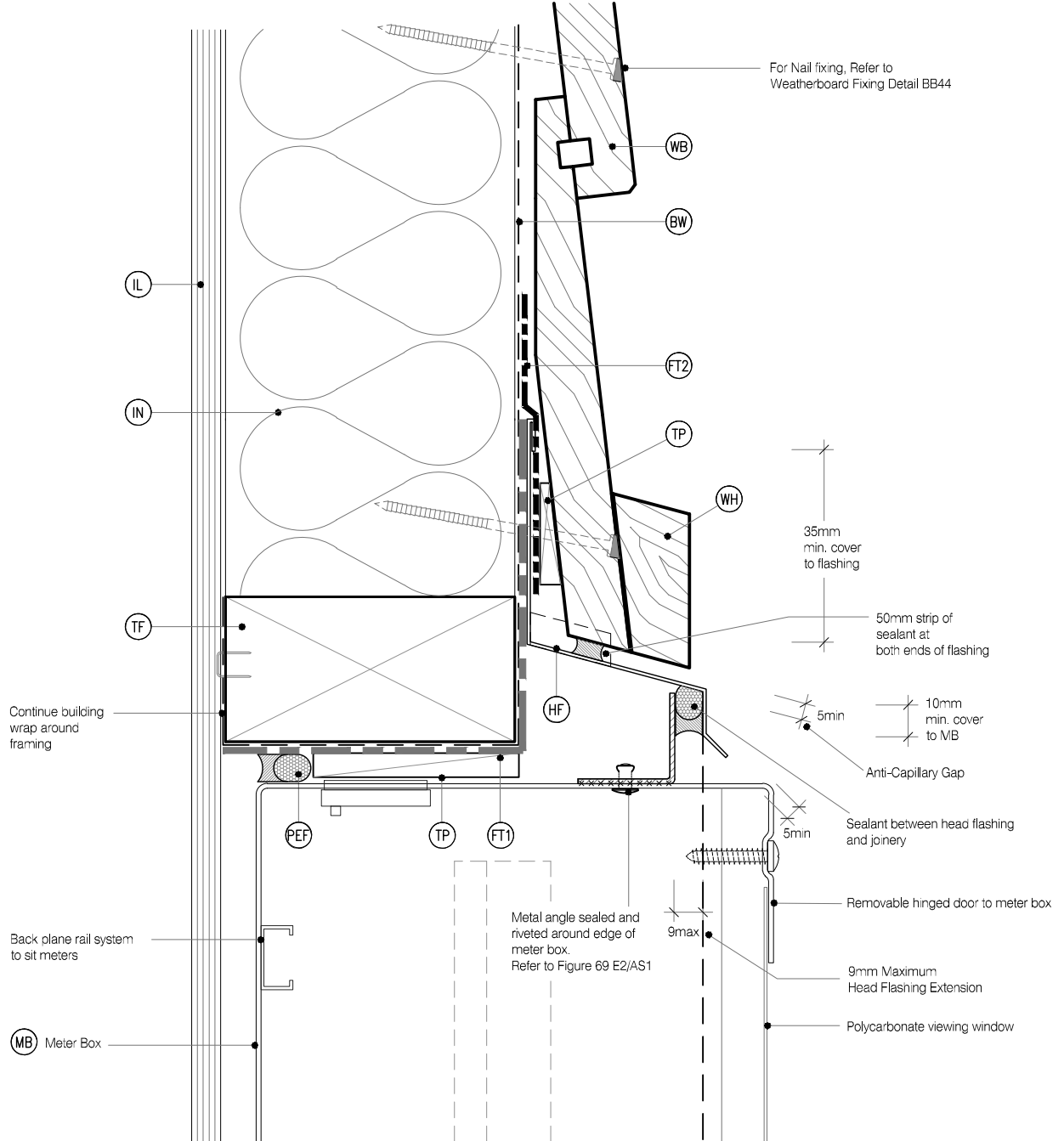


## LEGEND :

- (PEF) PEF ROD BACKING: Foam backing rod with sealant to cavity in meter box perimeter that forms a waterproof air-seal. ( Sealant 2:1 Ratio )
- (MB) METER BOX: Electrical meter box, with removable hinged door and polycarbonate viewing window
- (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 )
- (SF) SILL FLASHING: Powder Coater Aluminium, with 8mm min back upstand and sloping end dams as per Figure 72A E2/AS1
- (TP) TIMBER PACKER: MicroPro H3.2 Treated Packer

- (FT1) FLASHING TAPE: Flashing tape over wrap 70mm (50 min) turn-down required in corners only. Refer to Fig. 72 of NZBC E2/AS1
- (FT2) FLEXIBLE FLASHING TAPE: Flexible flashing tape lapped over aluminium head flashing or 2nd layer of Building Wrap to taped joint or top of frame
- (TF) TIMBER FRAME: H1.2 min treated timber framing
- (WB) WEATHER BOARD: KLC Generation II, MicroPro H3.2 Bevel Back Weatherboard. Profile to NZS 3617
- (IN) INSULATION: Selected Insulation
- (HF) HEAD FLASHING: Aluminium head flashing with minimum 15 degree fall and optional hemmed edges as per table 7 E2/AS1

- (TP) TIMBER PACKER: MicroPro H3.2 Treated Packer
- (WH) WEATHERHEAD: MicroPro H3.2, Horizontal batten above window as necessary to suit profile, shaped to shed water, sealant to back of sill scriber
- (SS) SILL SCRIBER: MicroPro H3.2, Horizontal batten under meter box as necessary to suit profile
- (MS) METER BOX SCRIBER: KLC Generation II, MicroPro H3.2 profile cut to fit weatherboard, sealant to back of scriber. 40x18 or 65x18 depending on weatherboard size



## 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 DF BB30-35 - METER BOX.dwg  
DATE : 20/11/2018



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TYPE **Generation II H3.2 Exterior Cladding Systems**  
**Bevel Back Weatherboard - Direct Fix**

NAME **Meter Box - Head Detail**



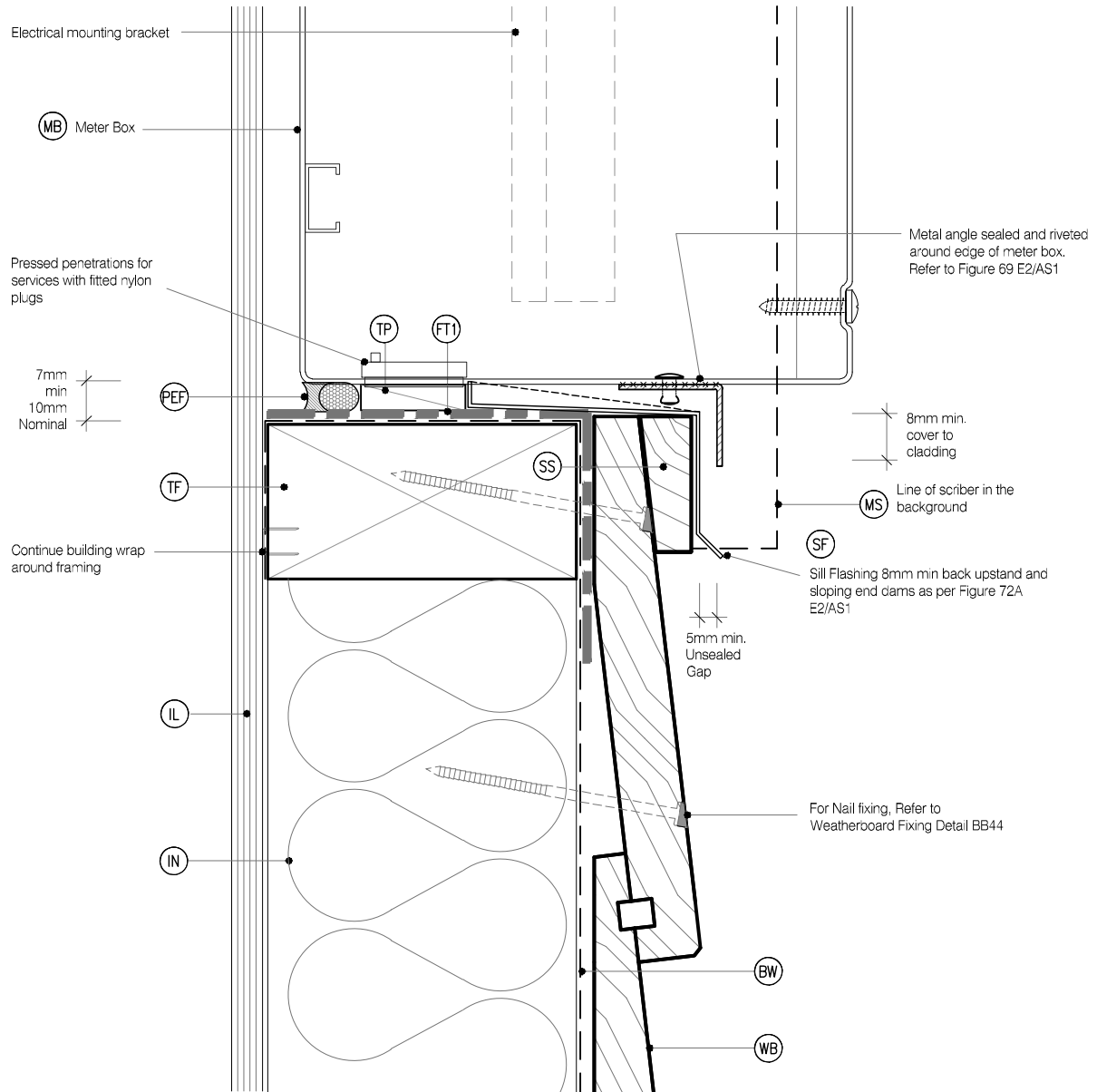
DRAWING SCALE  
1:2 @ A4

ISSUE DATE  
20/11/2018

DRAWING No **KLC DF BB30** REVISION **0**

## LEGEND :

<b>PEF</b> PEF ROD BACKING: Foam backing rod with sealant to cavity in meter box perimeter that forms a waterproof air-seal. ( Sealant 2:1 Ratio )	<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>TP</b> TIMBER PACKER: MicroPro H3.2 Treated Packer
<b>MB</b> METER BOX: Electrical meter box, with removable hinged door and polycarbonate viewing window	<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>WH</b> WEATHERHEAD: MicroPro H3.2, Horizontal batten above window as necessary to suit profile, shaped to shed water, sealant to back of sill scriber
<b>IL</b> INTERNAL LINING: Selected Internal Lining	<b>TF</b> TIMBER FRAME: H1.2 min treated timber framing	<b>SS</b> SILL SCRIBER: MicroPro H3.2, Horizontal batten under meter box as necessary to suit profile
<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>WB</b> WEATHER BOARD: KLC Generation II, MicroPro H3.2 Bevel Back Weatherboard. Profile to NZS 3617	<b>MS</b> METER BOX SCRIBER: KLC Generation II, MicroPro H3.2 profile cut to fit weatherboard, sealant to back of scriber. 40x18 or 65x18 depending on weatherboard size
<b>SF</b> SILL FLASHING: Powder Coater Aluminium, with 8mm min back upstand and sloping end dams as per Figure 72A E2/AS1	<b>IN</b> INSULATION: Selected Insulation	
<b>TP</b> TIMBER PACKER: MicroPro H3.2 Treated Packer	<b>HF</b> HEAD FLASHING: Aluminium head flashing with minimum 15 degree fall and optional hemmed edges as per table 7 E2/AS1	



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DATE : 20/11/2018



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TYPE **Generation II H3.2 Exterior Cladding Systems**  
**Bevel Back Weatherboard - Direct Fix**

NAME **Meter Box - Sill Detail**



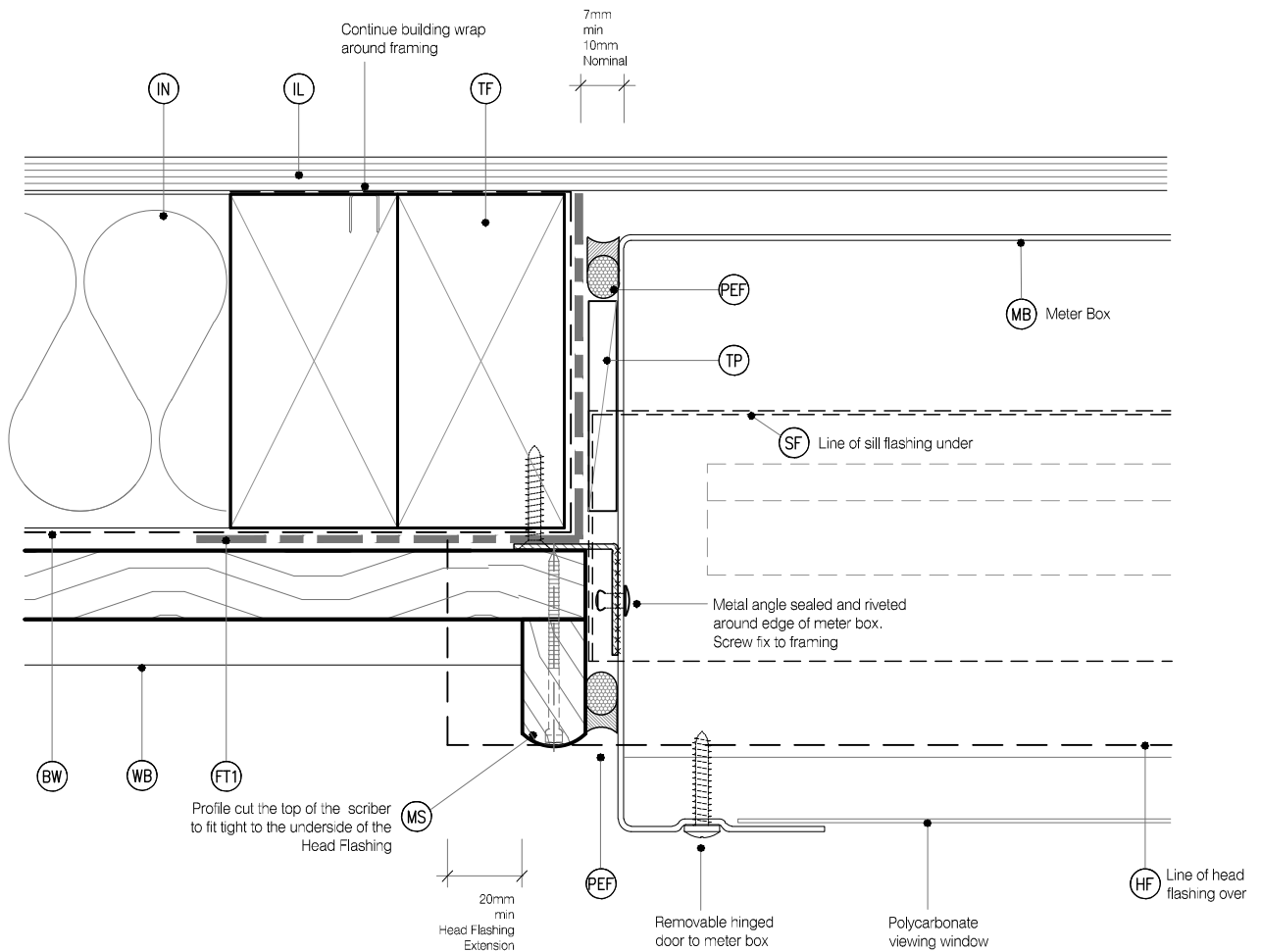
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1:2 @ A4

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DRAWING No **KLC DF BB31** REVISION **0**

## LEGEND :

<b>PEF</b> PEF ROD BACKING: Foam backing rod with sealant to cavity in meter box perimeter that forms a waterproof air-seal. ( Sealant 2:1 Ratio )	<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>TP</b> TIMBER PACKER: MicroPro H3.2 Treated Packer
<b>MB</b> METER BOX: Electrical meter box, with removable hinged door and polycarbonate viewing window	<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>WH</b> WEATHERHEAD: MicroPro H3.2, Horizontal batten above window as necessary to suit profile, shaped to shed water, sealant to back of sill scriber
<b>IL</b> INTERNAL LINING: Selected Internal Lining	<b>TF</b> TIMBER FRAME: H1.2 min treated timber framing	<b>SS</b> SILL SCRIBER: MicroPro H3.2, Horizontal batten under meter box as necessary to suit profile
<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>WB</b> WEATHER BOARD: KLC Generation II, MicroPro H3.2 Bevel Back Weatherboard. Profile to NZS 3617	<b>MS</b> METER BOX SCRIBER: KLC Generation II, MicroPro H3.2 profile cut to fit weatherboard, sealant to back of scriber. 40x18 or 65x18 depending on weatherboard size
<b>SF</b> SILL FLASHING: Powder Coater Aluminium, with 8mm min back upstand and sloping end dams as per Figure 72A E2/AS1	<b>IN</b> INSULATION: Selected Insulation	
<b>TP</b> TIMBER PACKER: MicroPro H3.2 Treated Packer	<b>HF</b> HEAD FLASHING: Aluminium head flashing with minimum 15 degree fall and optional hemmed edges as per table 7 E2/AS1	



## MicroPro® Wood Treatment Technology

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- 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 DF BB30-35 - METER BOX.dwg  
DATE : 20/11/2018



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TYPE **Generation II H3.2 Exterior Cladding Systems**  
**Bevel Back Weatherboard - Direct Fix**

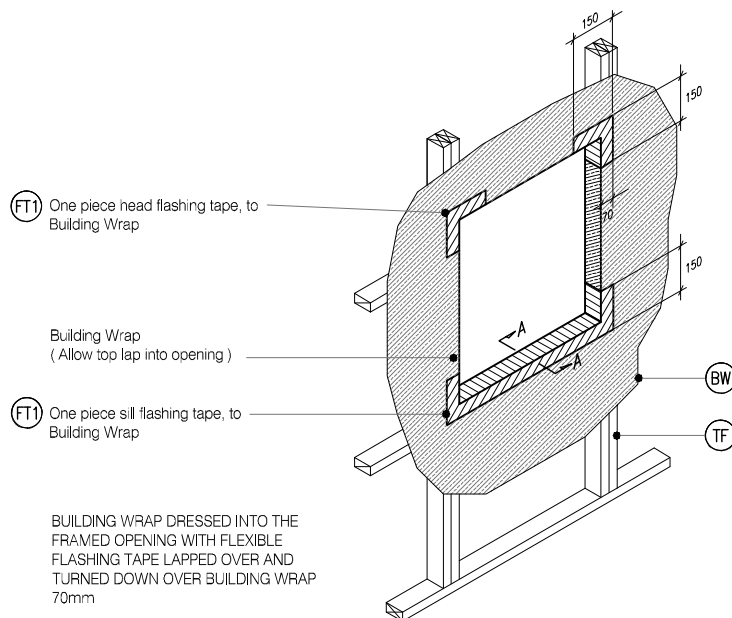
NAME **Meter Box - Jamb Detail**



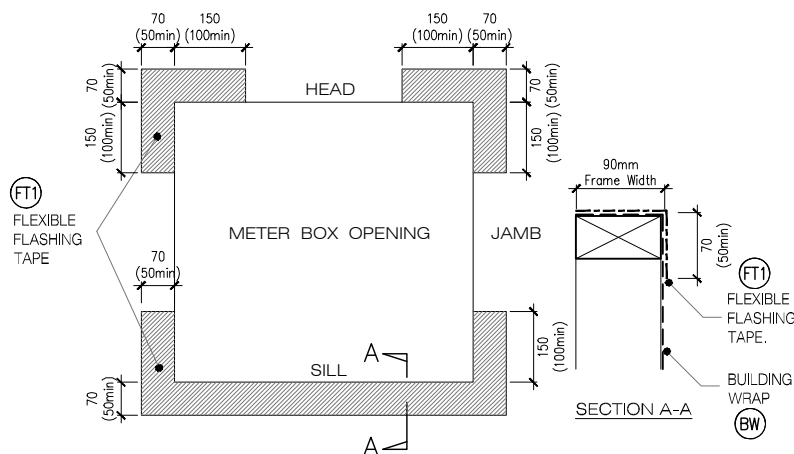
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DRAWING No	REVISION
KLC DF BB32	0



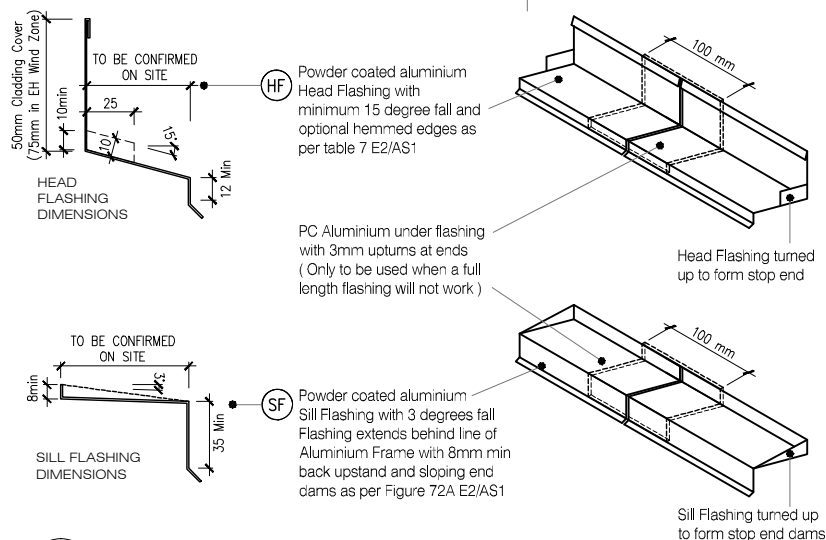
**M4** TYPICAL METER BOX OPENING (FLASHING TAPE)  
BB33 SCALE : N.T.S



**M5** FLEXIBLE BUILDING WRAP AT OPENING  
BB33 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 alkylid (oil based) primer**
5. **MicroPro preservative solution has benefits of reduced corrosion.** 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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**M6** TYPICAL HEAD & SILL FLASHINGS  
BB33 SCALE : 1 / 2 @ A1, 1 / 4 @ A3