

PSP

TRANSLUCENT ROOFING



15
YEAR
Warranty

ClearVue Roofing System

Design, Span Table & Technical Manual



PSP

DESIGN SOLUTIONS

Components, Installation & Maintenance Manual also available

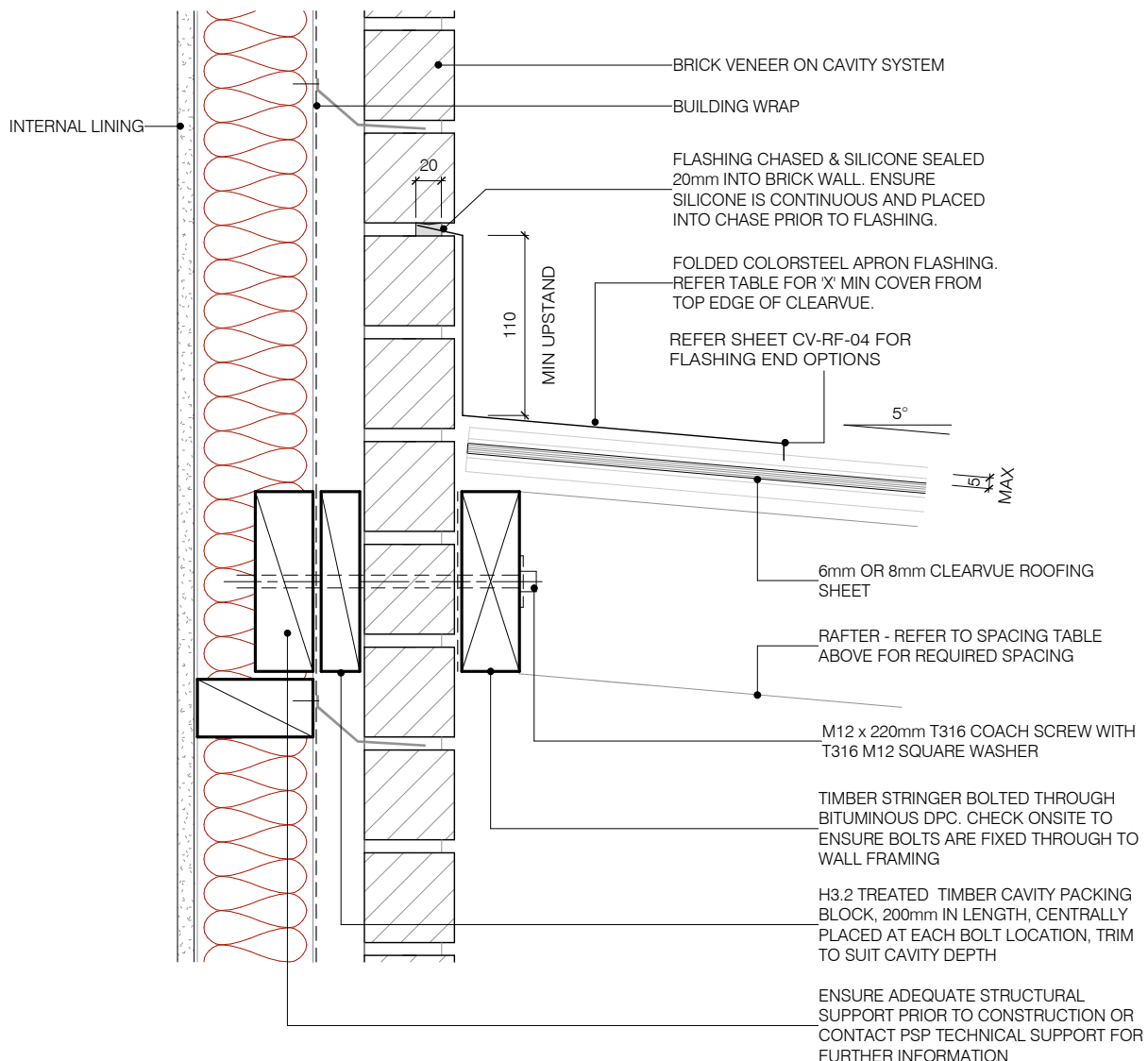
ClearVue Roofing System Technical Details

**FLASHING WIDTH TABLE - "X"mm
(BASED ON TABLE 7, E2/AS1, 24 DECEMBER 2011)**

SITUATION 1:	LOW, MEDIUM OR HIGH WIND ZONES, WHERE ROOF PITCH IS GREATER THAN OR EQUAL TO 5°.		
SITUATION 2:	ALL ROOF PITCHES IN VERY HIGH WIND ZONES. VERY HIGH WIND ZONE WHERE ROOF PITCH IS LESSER THAN OR EQUAL TO 5°.		
SITUATION 3:	ALL ROOF PITCHES IN EXTRA HIGH WIND ZONES.		
	SITUATION 1 (MINIMUM)	SITUATION 2 (MINIMUM)	SITUATION 3 (MINIMUM)
TRANSVERSE FLASHING	130	200	200

**PSP - ALUMINIUM & TIMBER RAFTER
SPACING TABLE**

SHEET THICKNESS	6mm SHEET	8mm SHEET
ALUMINIUM RAFTER SPACING	600 crs	750 crs



NOTE: Recommended roof pitch 5°. Minimum roof pitch of 3°, consult your PSP agent for suitable applications.

NOTE: All dimensions are in millimeters (mm)

ClearVue APRON DETAIL - BRICK VENEER

320 Rosedale Road, Albany, Auckland, New Zealand
PO Box 101 851 NSMC, New Zealand
Note: Details may be subject to change without notification

T.09 415 2800
F.09 415 2809
www.psp.co.nz

ClearVue roofing system to be installed and fixed to suitable structural support, complying with relevant clauses of the NZBC and the New Zealand Building Act.

Scale: 1 : 5 @ A4

Date: 27/05/14

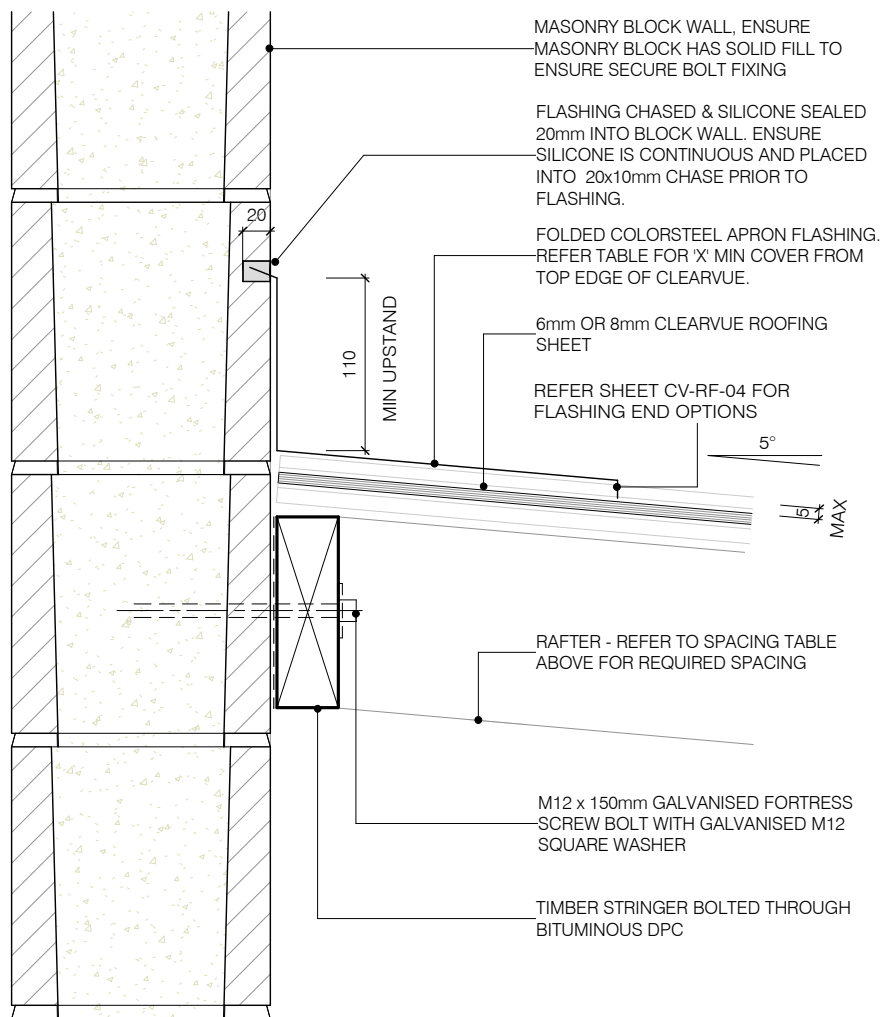
Dwg: CV-BK-01

**FLASHING WIDTH TABLE - "X"mm
(BASED ON TABLE 7, E2/AS1, 24 DECEMBER 2011)**

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	SITUATION 1 (MINIMUM)	SITUATION 2 (MINIMUM)	SITUATION 3 (MINIMUM)
TRANSVERSE FLASHING	130	200	200

PSP - ALUMINIUM & TIMBER RAFTER SPACING TABLE

SHEET THICKNESS	6mm SHEET	8mm SHEET
ALUMINIUM RAFTER SPACING	600 crs	750 crs



NOTE: Recommended roof pitch 5°. Minimum roof pitch of 3°, consult your PSP agent for suitable applications.

NOTE: All dimensions are in millimeters (mm)

**ClearVue
APRON DETAIL -
MASONRY BLOCK**

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Scale: 1 : 5 @ A4

Date: 27/05/14

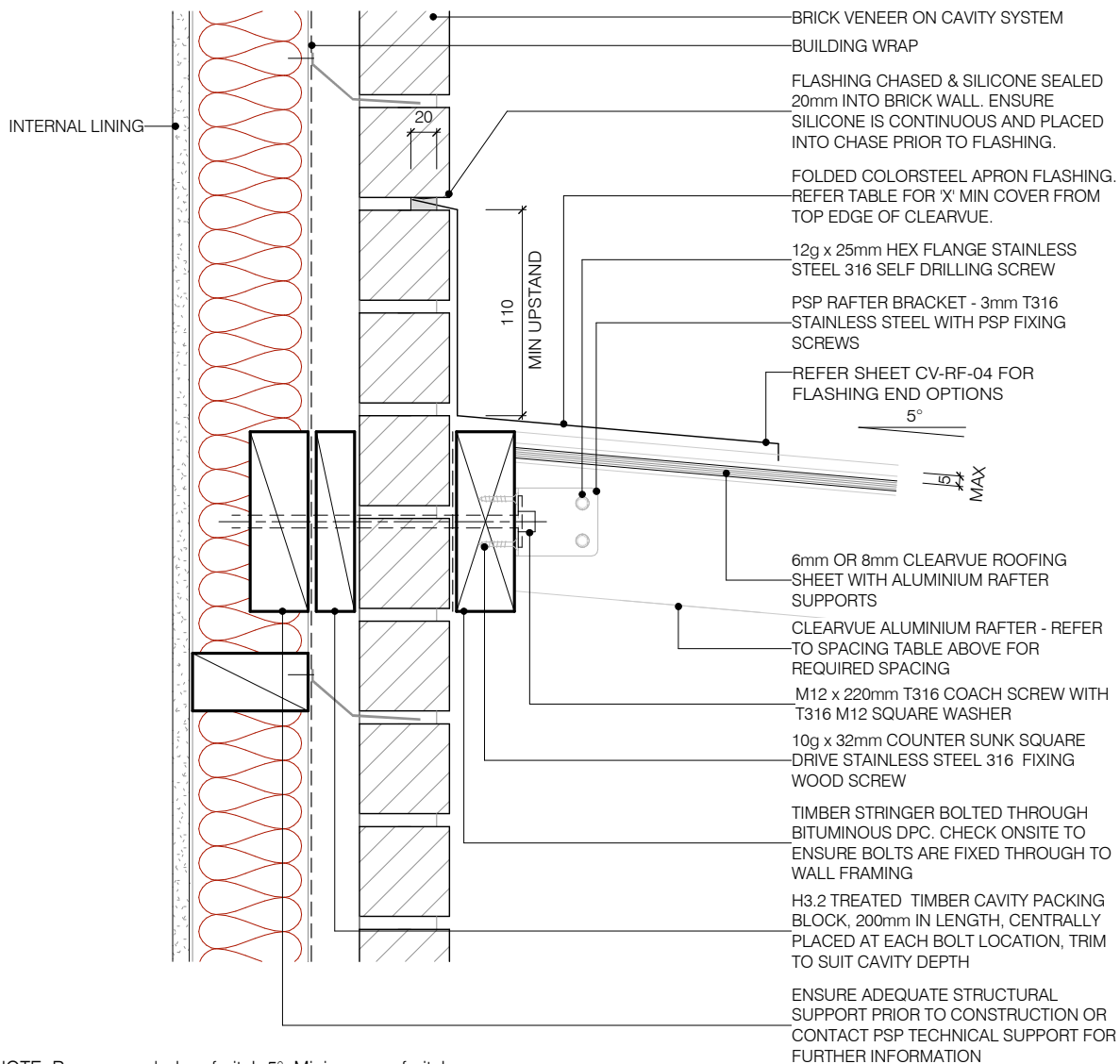
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**FLASHING WIDTH TABLE - "X"mm
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SITUATION 3:	ALL ROOF PITCHES IN EXTRA HIGH WIND ZONES.		
	SITUATION 1 (MINIMUM)	SITUATION 2 (MINIMUM)	SITUATION 3 (MINIMUM)
TRANSVERSE FLASHING	130	200	200

PSP - ALUMINIUM & TIMBER RAFTER SPACING TABLE

SHEET THICKNESS	6mm SHEET	8mm SHEET
ALUMINIUM RAFTER SPACING	600 crs	750 crs



NOTE: Recommended roof pitch 5°. Minimum roof pitch of 3°, consult your PSP agent for suitable applications.

NOTE: All dimensions are in millimeters (mm)

ClearVue APRON DETAIL - SADDLE BRACKET- BRICK VENEER

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Scale: 1 : 5 @ A4

Date: 27/05/14

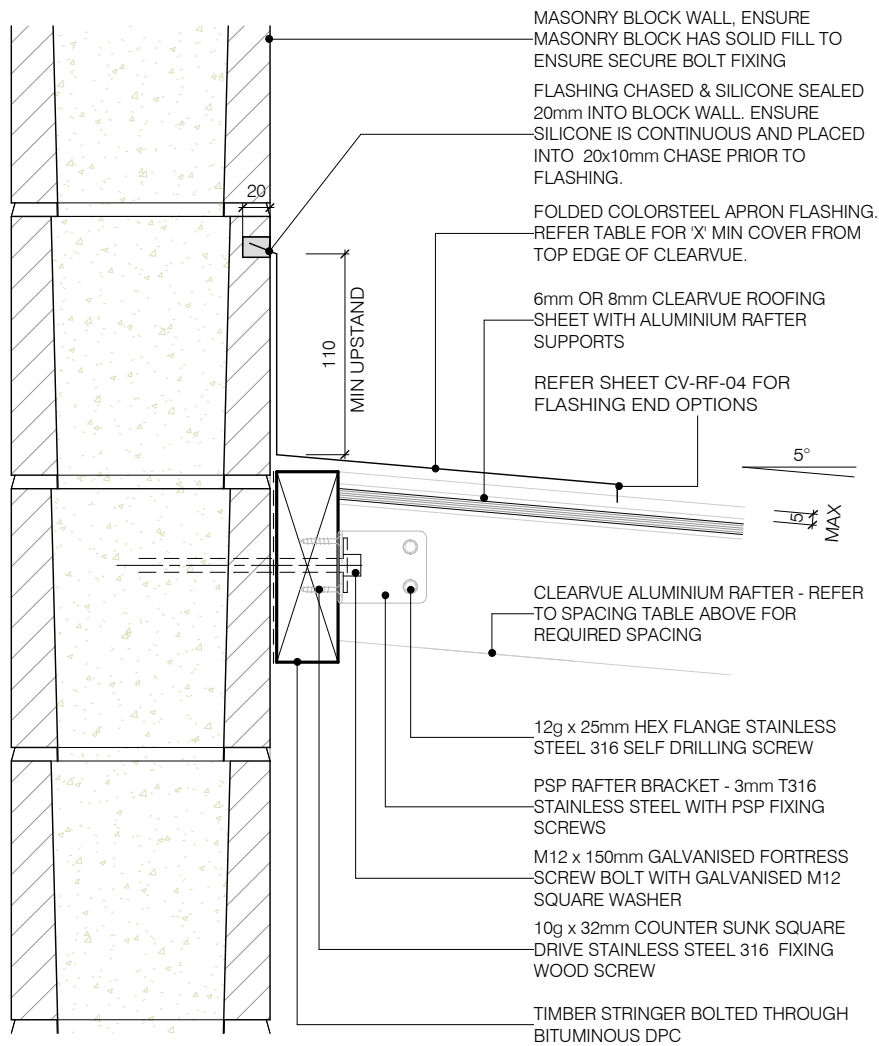
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**FLASHING WIDTH TABLE - "X"mm
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	SITUATION 1 (MINIMUM)	SITUATION 2 (MINIMUM)	SITUATION 3 (MINIMUM)
TRANSVERSE FLASHING	130	200	200

PSP - ALUMINIUM & TIMBER RAFTER SPACING TABLE

SHEET THICKNESS	6mm SHEET	8mm SHEET
ALUMINIUM RAFTER SPACING	600 crs	750 crs



NOTE: Recommended roof pitch 5°. Minimum roof pitch of 3°, consult your PSP agent for suitable applications.

NOTE: All dimensions are in millimeters (mm)

**ClearVue
APRON DETAIL - SADDLE BRACKET -
MASONRY BLOCK**

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Scale: 1 : 5 @ A4

Date: 27/05/14

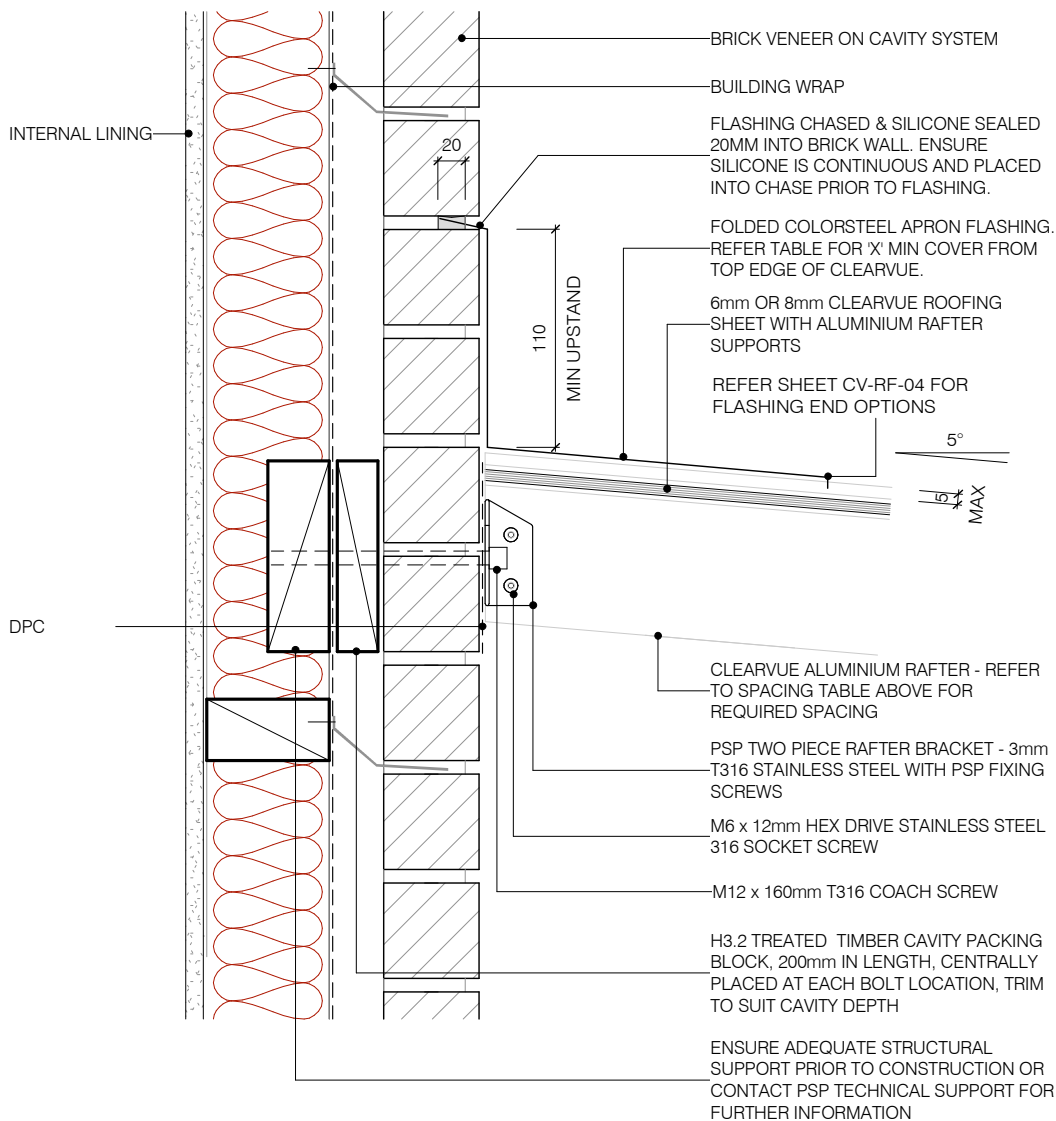
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	SITUATION 1 (MINIMUM)	SITUATION 2 (MINIMUM)	SITUATION 3 (MINIMUM)
TRANSVERSE FLASHING	130	200	200

PSP - ALUMINIUM & TIMBER RAFTER SPACING TABLE

SHEET THICKNESS	6mm SHEET	8mm SHEET
ALUMINIUM RAFTER SPACING	600 crs	750 crs



NOTE: Recommended roof pitch 5°. Minimum roof pitch of 3°, consult your PSP agent for suitable applications.

NOTE: All dimensions are in millimeters (mm)

**ClearVue
APRON DETAIL - STEEL PLATE -
BRICK VENEER**

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Scale: 1 : 5 @ A4

Date: 27/05/14

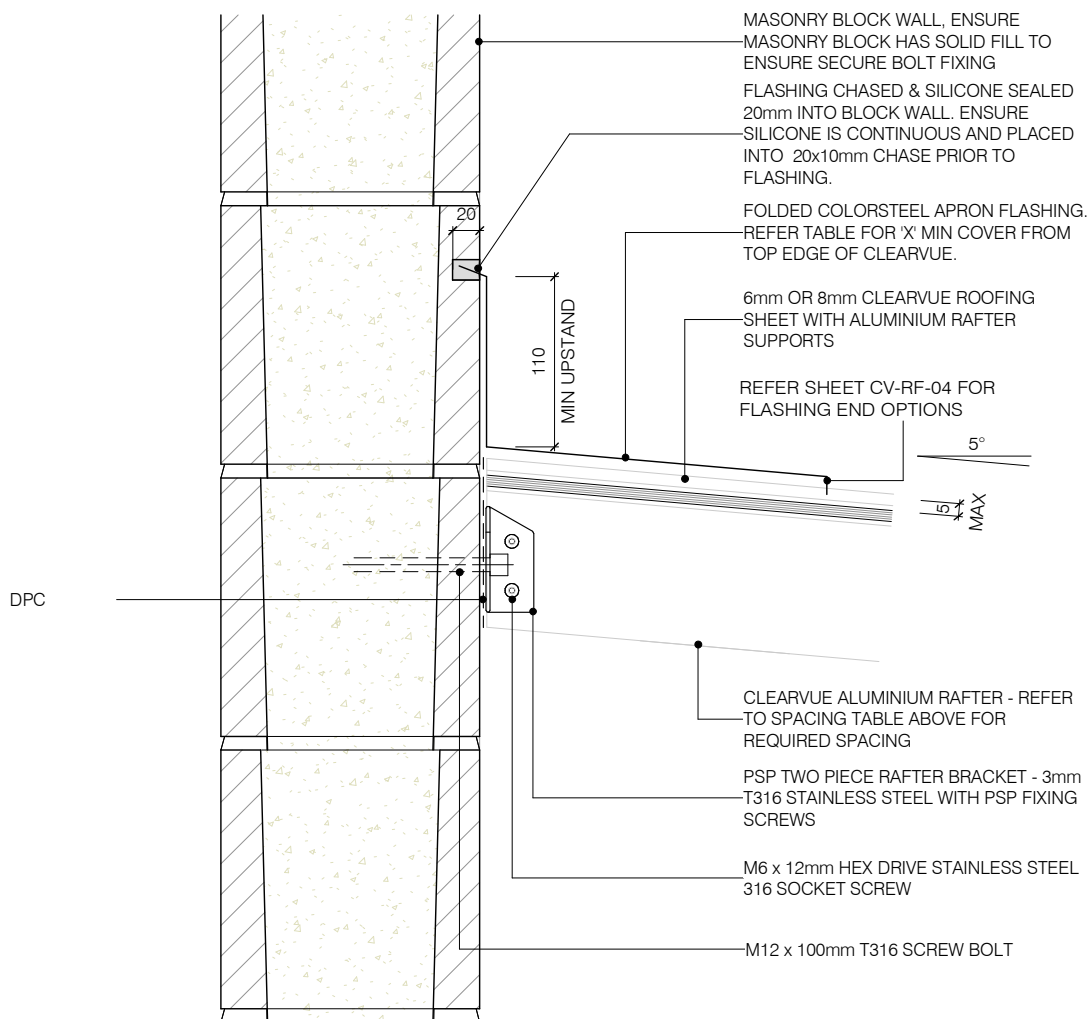
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**FLASHING WIDTH TABLE - "X"mm
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SITUATION 3:	ALL ROOF PITCHES IN EXTRA HIGH WIND ZONES.		
	SITUATION 1 (MINIMUM)	SITUATION 2 (MINIMUM)	SITUATION 3 (MINIMUM)
TRANSVERSE FLASHING	130	200	200

PSP - ALUMINIUM & TIMBER RAFTER SPACING TABLE

SHEET THICKNESS	6mm SHEET	8mm SHEET
ALUMINIUM RAFTER SPACING	600 crs	750 crs



NOTE: Recommended roof pitch 5°. Minimum roof pitch of 3°, consult your PSP agent for suitable applications.

NOTE: All dimensions are in millimeters (mm)

**ClearVue
APRON DETAIL - STEEL PLATE -
MASONRY BLOCK**

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Scale: 1 : 5 @ A4

Date: 27/05/14

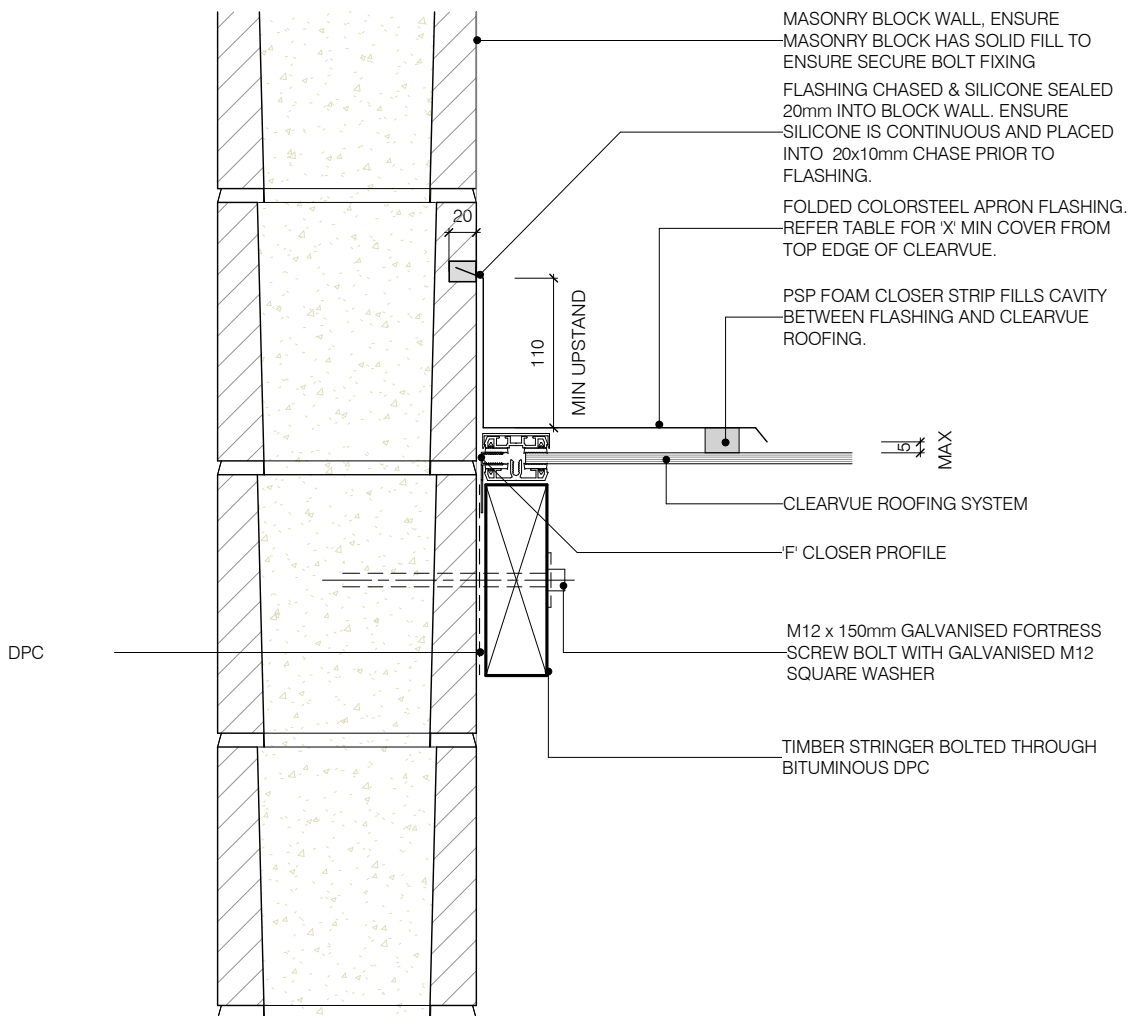
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FLASHING WIDTH TABLE - 'X'mm
(BASED ON TABLE 7, E2/AS1, 24 DECEMBER 2011)

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SITUATION 3:	ALL ROOF PITCHES IN EXTRA HIGH WIND ZONES.		
	SITUATION 1 (MINIMUM)	SITUATION 2 (MINIMUM)	SITUATION 3 (MINIMUM)
TRANSVERSE FLASHING	130	200	200

PSP - ALUMINIUM & TIMBER RAFTER SPACING TABLE

SHEET THICKNESS	6mm SHEET	8mm SHEET
ALUMINIUM RAFTER SPACING	600 crs	750 crs



NOTE: Recommended roof pitch 5°. Minimum roof pitch of 3°, consult your PSP agent for suitable applications.

NOTE: All dimensions are in millimeters (mm)

ClearVue
BARGE DETAIL -
MASONRY BLOCK

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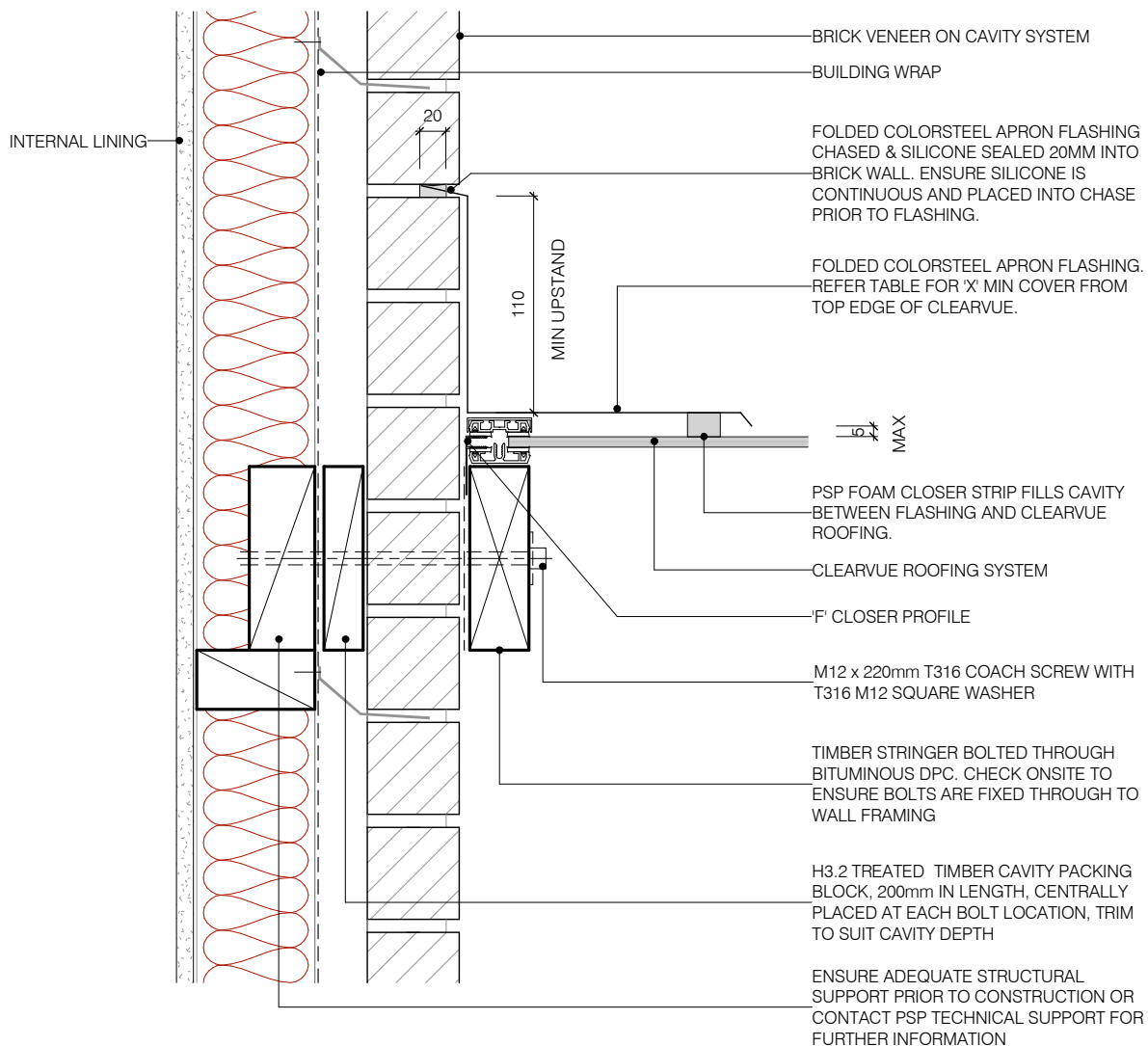
Scale: 1 : 5 @ A4

Date: 27/05/14

Dwg: **CV-BK-10**

FLASHING WIDTH TABLE - 'X' mm (BASED ON TABLE 7, E2/AS1, 24 DECEMBER 2011)			
SITUATION 1:	LOW, MEDIUM OR HIGH WIND ZONES, WHERE ROOF PITCH IS GREATER THAN OR EQUAL TO 5°.		
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SITUATION 3:	ALL ROOF PITCHES IN EXTRA HIGH WIND ZONES.		
	SITUATION 1 (MINIMUM)	SITUATION 2 (MINIMUM)	SITUATION 3 (MINIMUM)
TRANSVERSE FLASHING	130	200	200

PSP - ALUMINIUM & TIMBER RAFTER SPACING TABLE		
SHEET THICKNESS	6mm SHEET	8mm SHEET
ALUMINIUM RAFTER SPACING	600 crs	750 crs



NOTE: Recommended roof pitch 5°. Minimum roof pitch of 3°, consult your PSP agent for suitable applications.

NOTE: All dimensions are in millimeters (mm)

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Scale: 1 : 5 @ A4

Date: 27/05/14

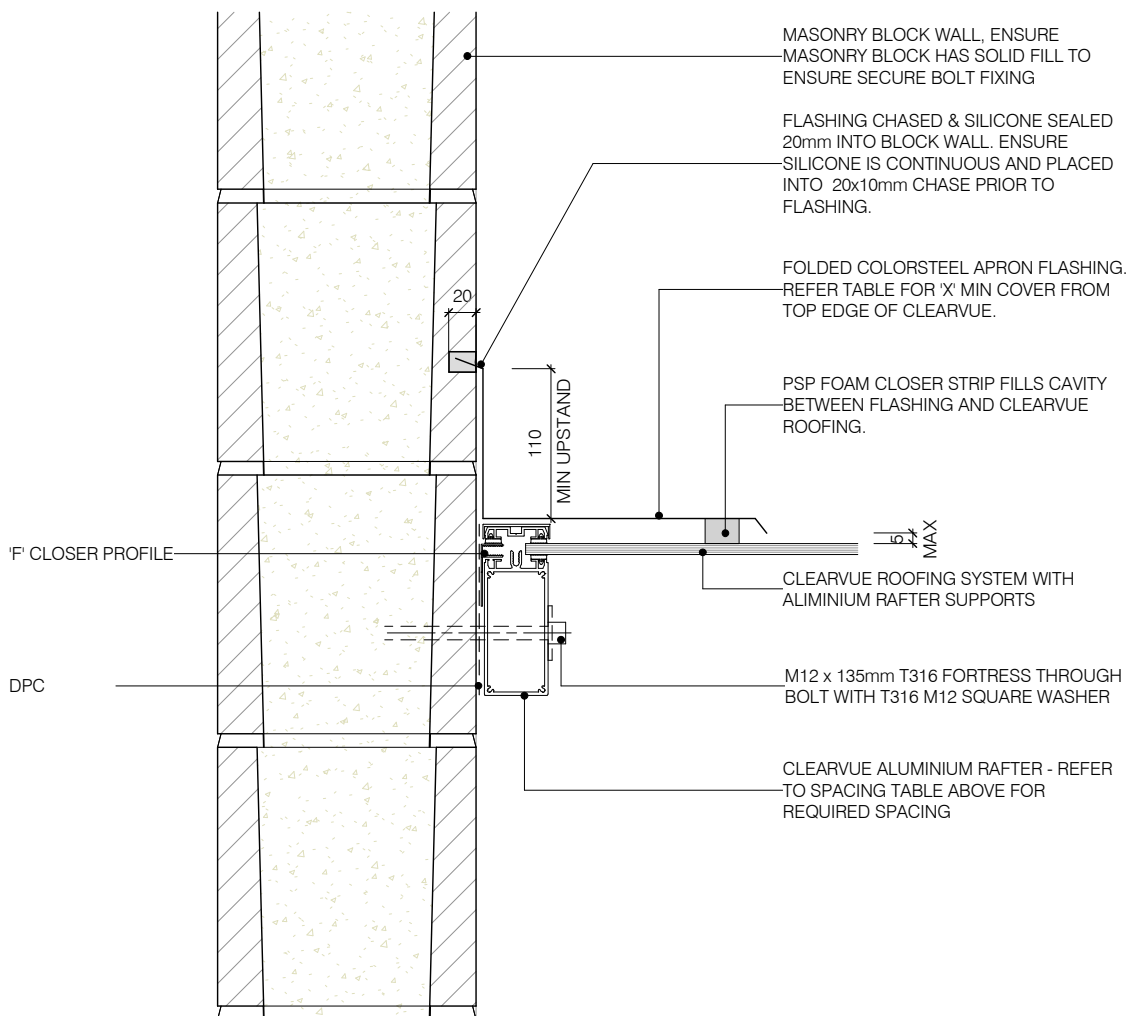
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FLASHING WIDTH TABLE - 'X'mm
(BASED ON TABLE 7, E2/AS1, 24 DECEMBER 2011)

SITUATION 1:	LOW, MEDIUM OR HIGH WIND ZONES, WHERE ROOF PITCH IS GREATER THAN OR EQUAL TO 5°.		
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SITUATION 3:	ALL ROOF PITCHES IN EXTRA HIGH WIND ZONES.		
	SITUATION 1 (MINIMUM)	SITUATION 2 (MINIMUM)	SITUATION 3 (MINIMUM)
TRANSVERSE FLASHING	130	200	200

PSP - ALUMINIUM & TIMBER RAFTER SPACING TABLE

SHEET THICKNESS	6mm SHEET	8mm SHEET
ALUMINIUM RAFTER SPACING	600 crs	750 crs



NOTE: Recommended roof pitch 5°. Minimum roof pitch of 3°, consult your PSP agent for suitable applications.

NOTE: All dimensions are in millimeters (mm)

ClearVue
BARGE DETAIL FOR ALUMINIUM RAFTER - MASONRY BLOCK

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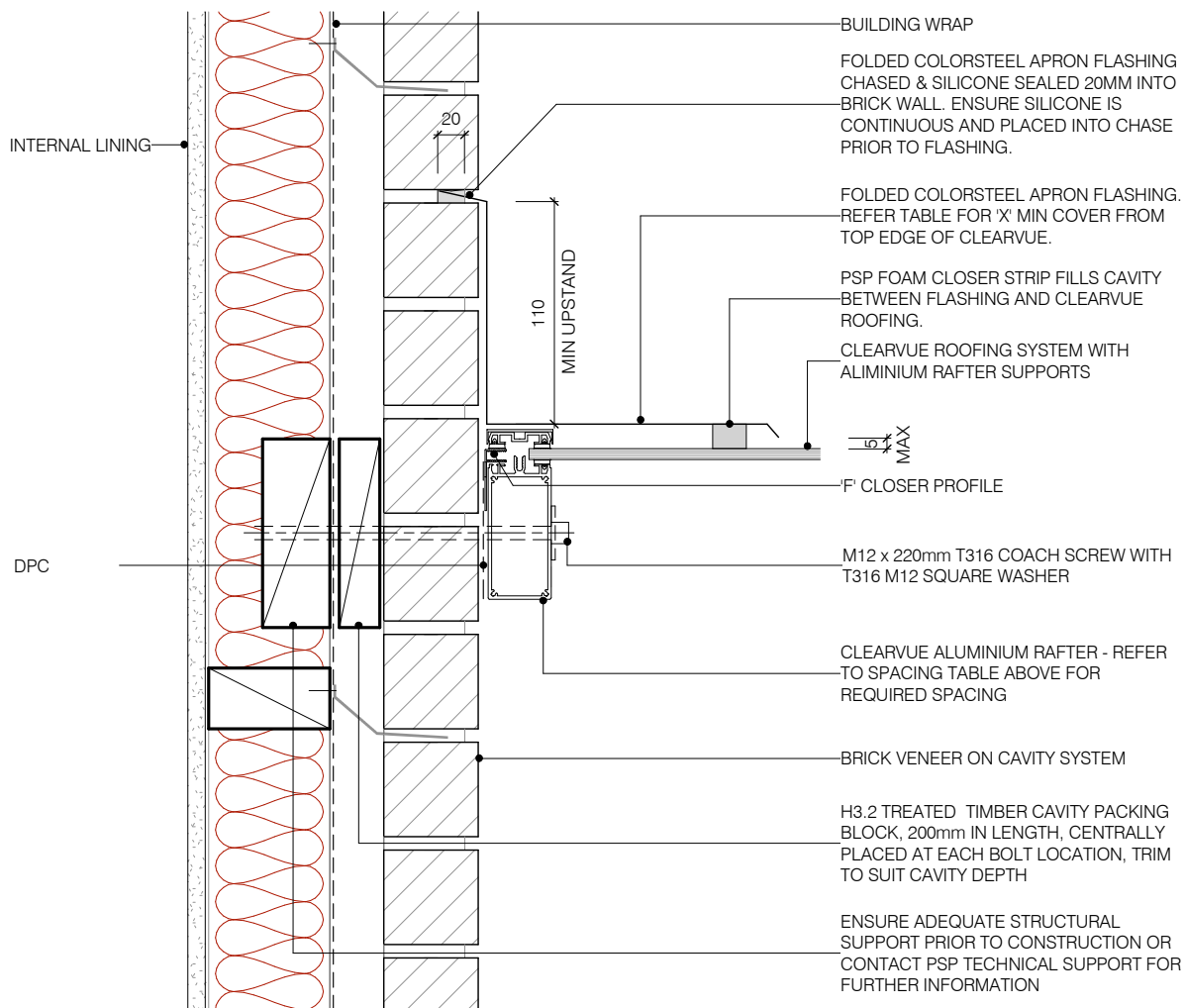
Scale: 1 : 5 @ A4

Date: 27/05/14

Dwg: **CV-BK-12**

FLASHING WIDTH TABLE - 'X'mm (BASED ON TABLE 7, E2/AS1, 24 DECEMBER 2011)			
SITUATION 1:	LOW, MEDIUM OR HIGH WIND ZONES, WHERE ROOF PITCH IS GREATER THAN OR EQUAL TO 5°.		
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	SITUATION 1 (MINIMUM)	SITUATION 2 (MINIMUM)	SITUATION 3 (MINIMUM)
TRANSVERSE FLASHING	130	200	200

PSP - ALUMINIUM & TIMBER RAFTER SPACING TABLE		
SHEET THICKNESS	6mm SHEET	8mm SHEET
ALUMINIUM RAFTER SPACING	600 crs	750 crs



NOTE: Recommended roof pitch 5°. Minimum roof pitch of 3°, consult your PSP agent for suitable applications.

NOTE: All dimensions are in millimeters (mm)

ClearVue BARGE DETAIL FOR ALUMINIUM RAFTER - BRICK VENEER

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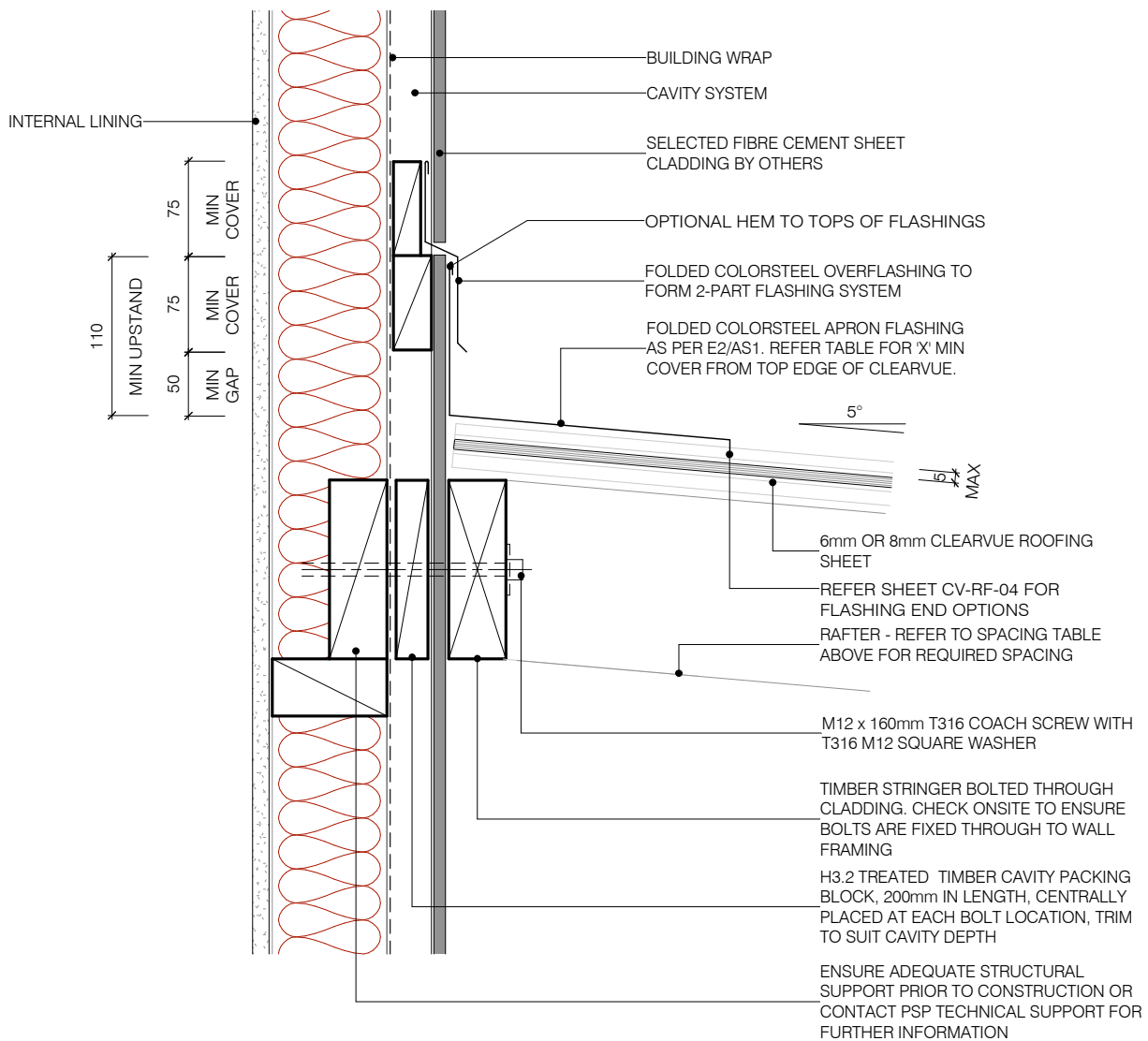
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**FLASHING WIDTH TABLE - 'X'mm
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	SITUATION 1 (MINIMUM)	SITUATION 2 (MINIMUM)	SITUATION 3 (MINIMUM)
TRANSVERSE FLASHING	130	200	200

PSP - ALUMINIUM & TIMBER RAFTER SPACING TABLE

SHEET THICKNESS	6mm SHEET	8mm SHEET
ALUMINIUM RAFTER SPACING	600 crs	750 crs



NOTE: Recommended roof pitch 5°. Minimum roof pitch of 3°, consult your PSP agent for suitable applications.

NOTE: All dimensions are in millimeters (mm)

**ClearVue
APRON DETAIL -
FIBRE CEMENT SHEET (CAVITY)**

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Scale: 1 : 5 @ A4

Date: 27/05/14

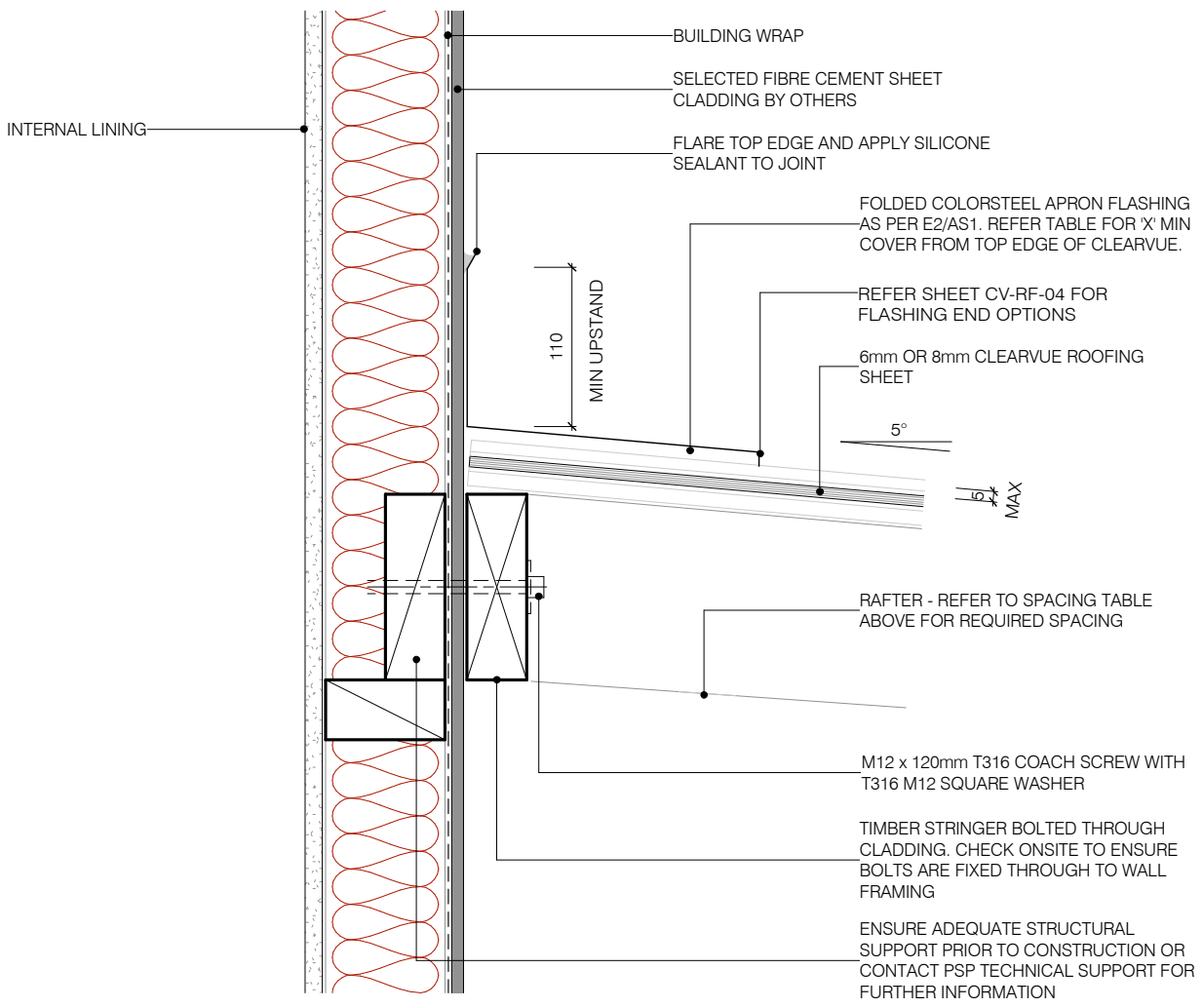
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FLASHING WIDTH TABLE - 'X'mm
(BASED ON TABLE 7, E2/AS1, 24 DECEMBER 2011)

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TRANSVERSE FLASHING	130	200	200

PSP - ALUMINIUM & TIMBER RAFTER SPACING TABLE

SHEET THICKNESS	6mm SHEET	8mm SHEET
ALUMINIUM RAFTER SPACING	600 crs	750 crs



NOTE: Recommended roof pitch 5°. Minimum roof pitch of 3°, consult your PSP agent for suitable applications.

NOTE: All dimensions are in millimeters (mm)

ClearVue
APRON DETAIL -
FIBRE CEMENT SHEET (DIRECT FIX)

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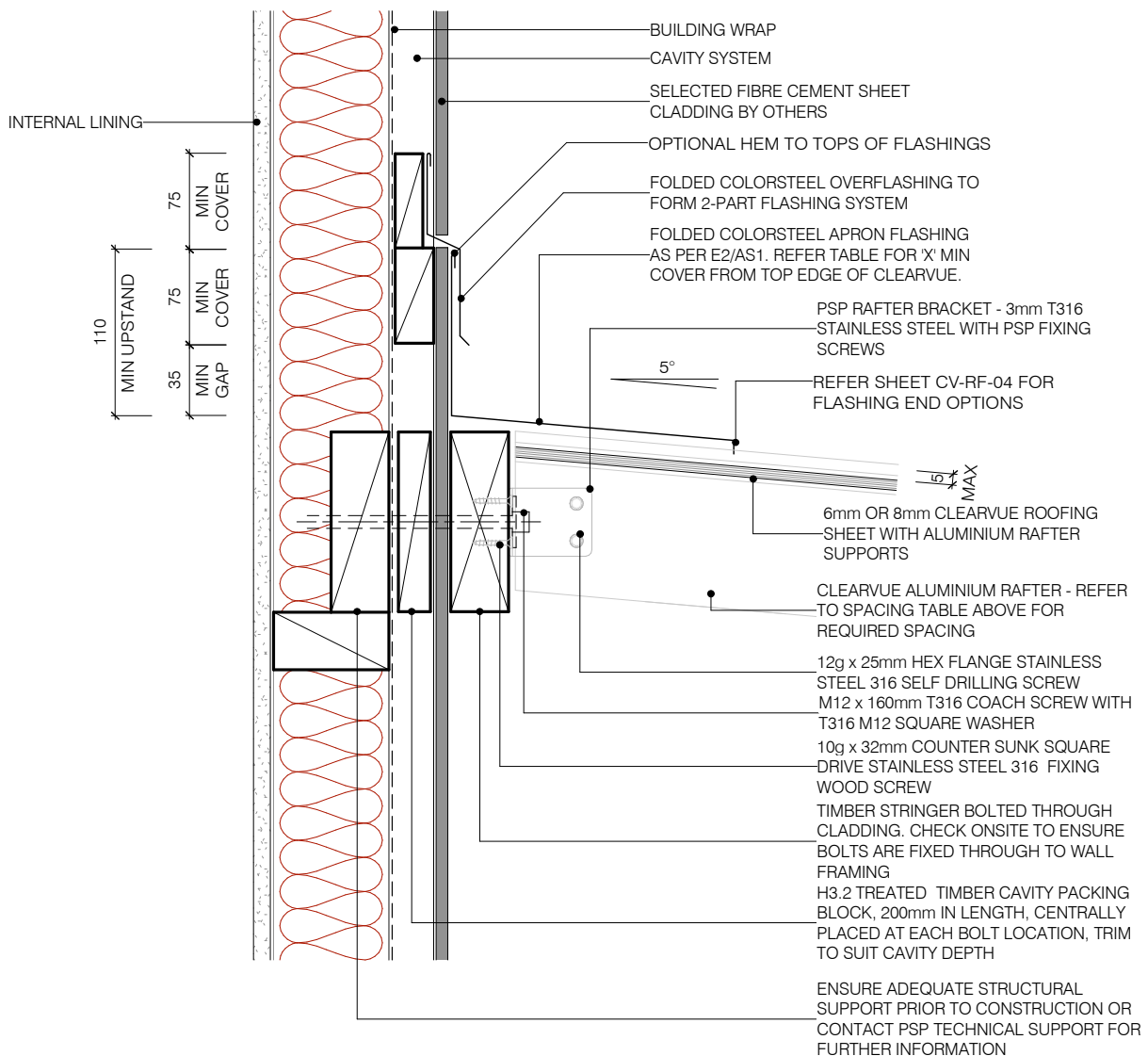
Scale: 1 : 5 @ A4
Date: 27/05/14
Dwg: **CV-FS-02**

**FLASHING WIDTH TABLE - 'X' mm
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TRANSVERSE FLASHING	130	200	200

**PSP - ALUMINIUM & TIMBER RAFTER
SPACING TABLE**

SHEET THICKNESS	6mm SHEET	8mm SHEET
ALUMINIUM RAFTER SPACING	600 crs	750 crs



NOTE: Recommended roof pitch 5°. Minimum roof pitch of 3°, consult your PSP agent for suitable applications.

NOTE: All dimensions are in millimeters (mm)

**ClearVue
APRON DETAIL - SADDLE BRACKET
FIBRE CEMENT SHEET (CAVITY)**

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Date: 27/05/14

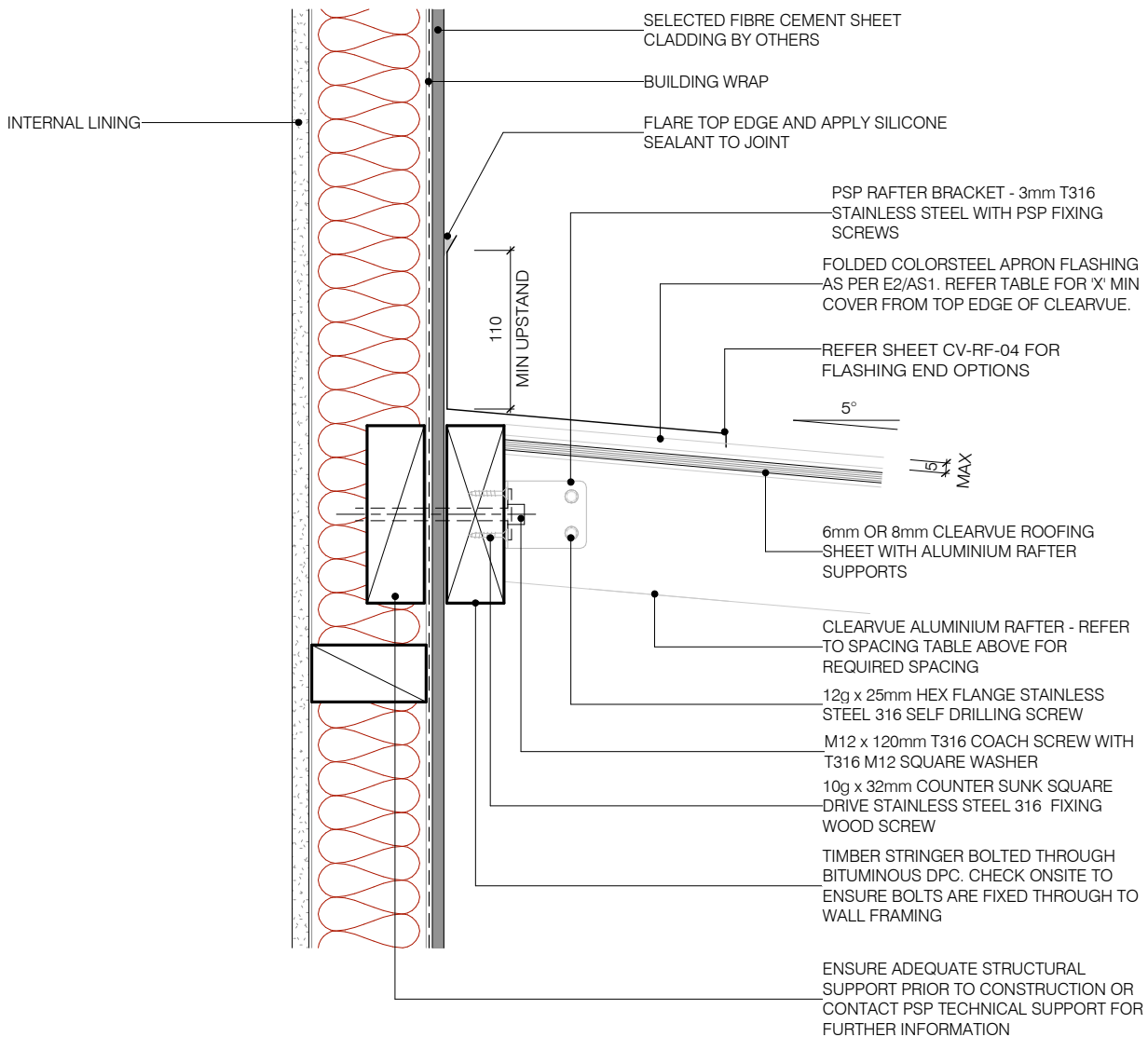
Dwg: **CV-FS-03**

**FLASHING WIDTH TABLE - 'X'mm
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	SITUATION 1 (MINIMUM)	SITUATION 2 (MINIMUM)	SITUATION 3 (MINIMUM)
TRANSVERSE FLASHING	130	200	200

PSP - ALUMINIUM & TIMBER RAFTER SPACING TABLE

SHEET THICKNESS	6mm SHEET	8mm SHEET
ALUMINIUM RAFTER SPACING	600 crs	750 crs



NOTE: Recommended roof pitch 5°. Minimum roof pitch of 3°, consult your PSP agent for suitable applications.

NOTE: All dimensions are in millimeters (mm)

**ClearVue
APRON DETAIL - SADDLE BRACKET
FIBRE CEMENT SHEET (DIRECT FIX)**

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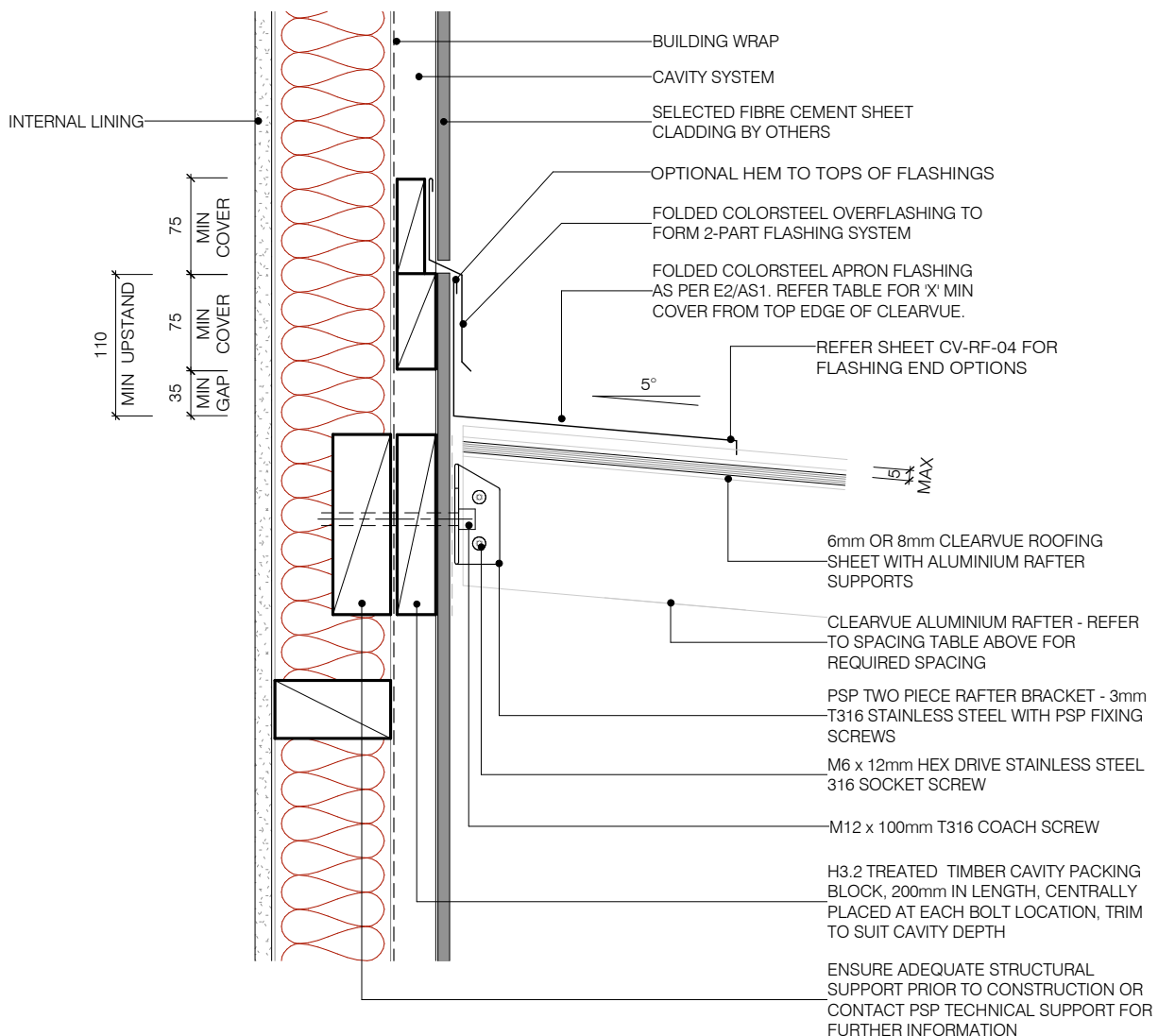
Scale: 1 : 5 @ A4
Date: 27/05/14
Dwg: **CV-FS-04**

**FLASHING WIDTH TABLE - "X"mm
(BASED ON TABLE 7, E2/AS1, 24 DECEMBER 2011)**

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	SITUATION 1 (MINIMUM)	SITUATION 2 (MINIMUM)	SITUATION 3 (MINIMUM)
TRANSVERSE FLASHING	130	200	200

**PSP - ALUMINIUM & TIMBER RAFTER
SPACING TABLE**

SHEET THICKNESS	6mm SHEET	8mm SHEET
ALUMINIUM RAFTER SPACING	600 crs	750 crs



NOTE: Recommended roof pitch 5°. Minimum roof pitch of 3°, consult your PSP agent for suitable applications.

NOTE: All dimensions are in millimeters (mm)

ClearVue APRON DETAIL - STEEL PLATE FIBRE CEMENT SHEET (CAVITY)

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Scale: 1 : 5 @ A4

Date: 27/05/14

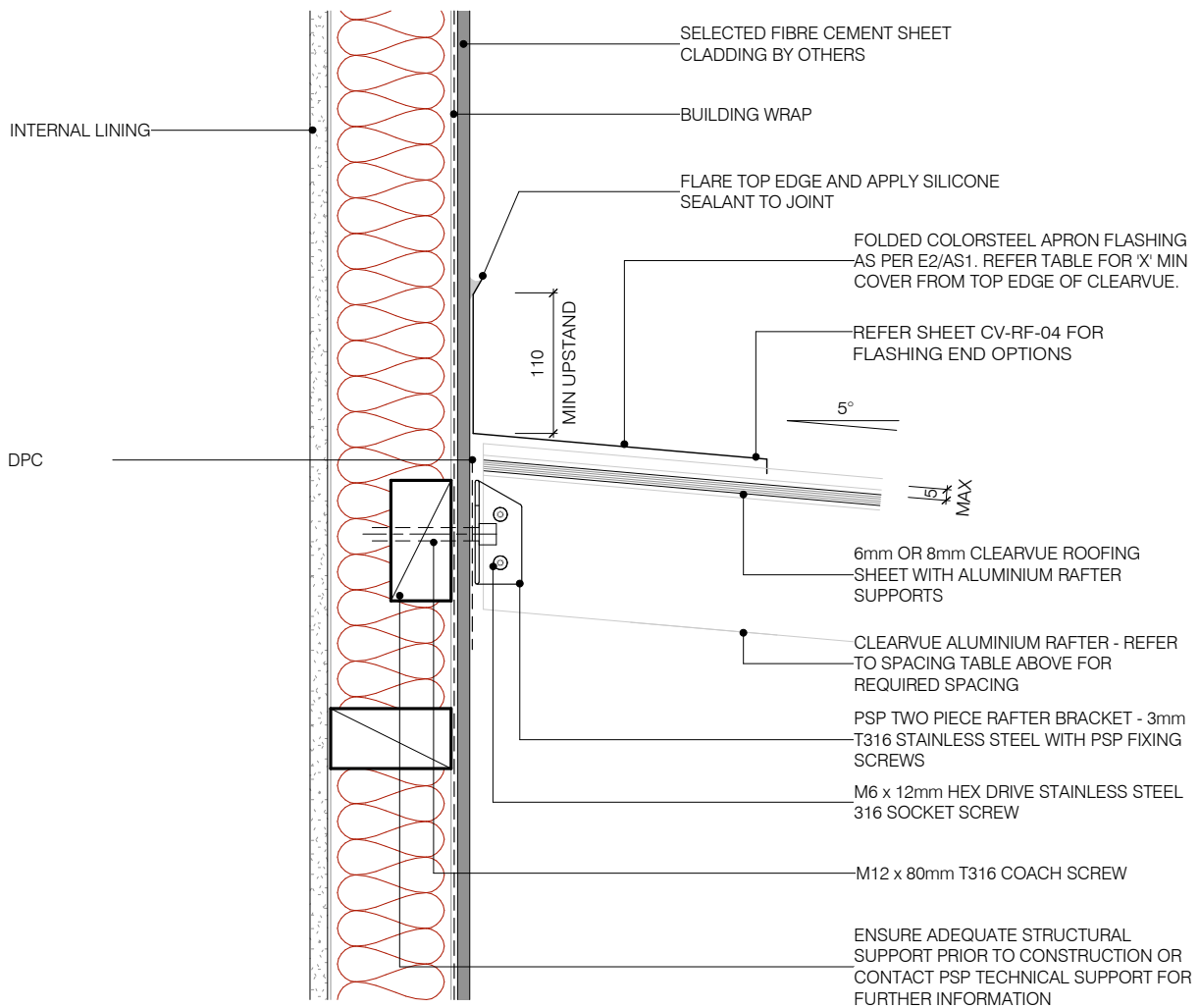
Dwg: **CV-FS-05**

**FLASHING WIDTH TABLE - 'X'mm
(BASED ON TABLE 7, E2/AS1, 24 DECEMBER 2011)**

SITUATION 1:	LOW, MEDIUM OR HIGH WIND ZONES, WHERE ROOF PITCH IS GREATER THAN OR EQUAL TO 5°.		
SITUATION 2:	ALL ROOF PITCHES IN VERY HIGH WIND ZONES. VERY HIGH WIND ZONE WHERE ROOF PITCH IS LESSER THAN OR EQUAL TO 5°.		
SITUATION 3:	ALL ROOF PITCHES IN EXTRA HIGH WIND ZONES.		
	SITUATION 1 (MINIMUM)	SITUATION 2 (MINIMUM)	SITUATION 3 (MINIMUM)
TRANSVERSE FLASHING	130	200	200

PSP - ALUMINIUM & TIMBER RAFTER SPACING TABLE

SHEET THICKNESS	6mm SHEET	8mm SHEET
ALUMINIUM RAFTER SPACING	600 crs	750 crs



NOTE: Recommended roof pitch 5°. Minimum roof pitch of 3°, consult your PSP agent for suitable applications.

NOTE: All dimensions are in millimeters (mm)

**ClearVue
APRON DETAIL - STEEL PLATE
FIBRE CEMENT SHEET (DIRECT FIX)**

320 Rosedale Road, Albany, Auckland, New Zealand
PO Box 101 851 NSMC, New Zealand
Note: Details may be subject to change without notification

T.09 415 2800
F.09 415 2809
www.psp.co.nz

ClearVue roofing system to be installed and fixed to suitable structural support, complying with relevant clauses of the NZBC and the New Zealand Building Act.

Scale: 1 : 5 @ A4

Date: 27/05/14

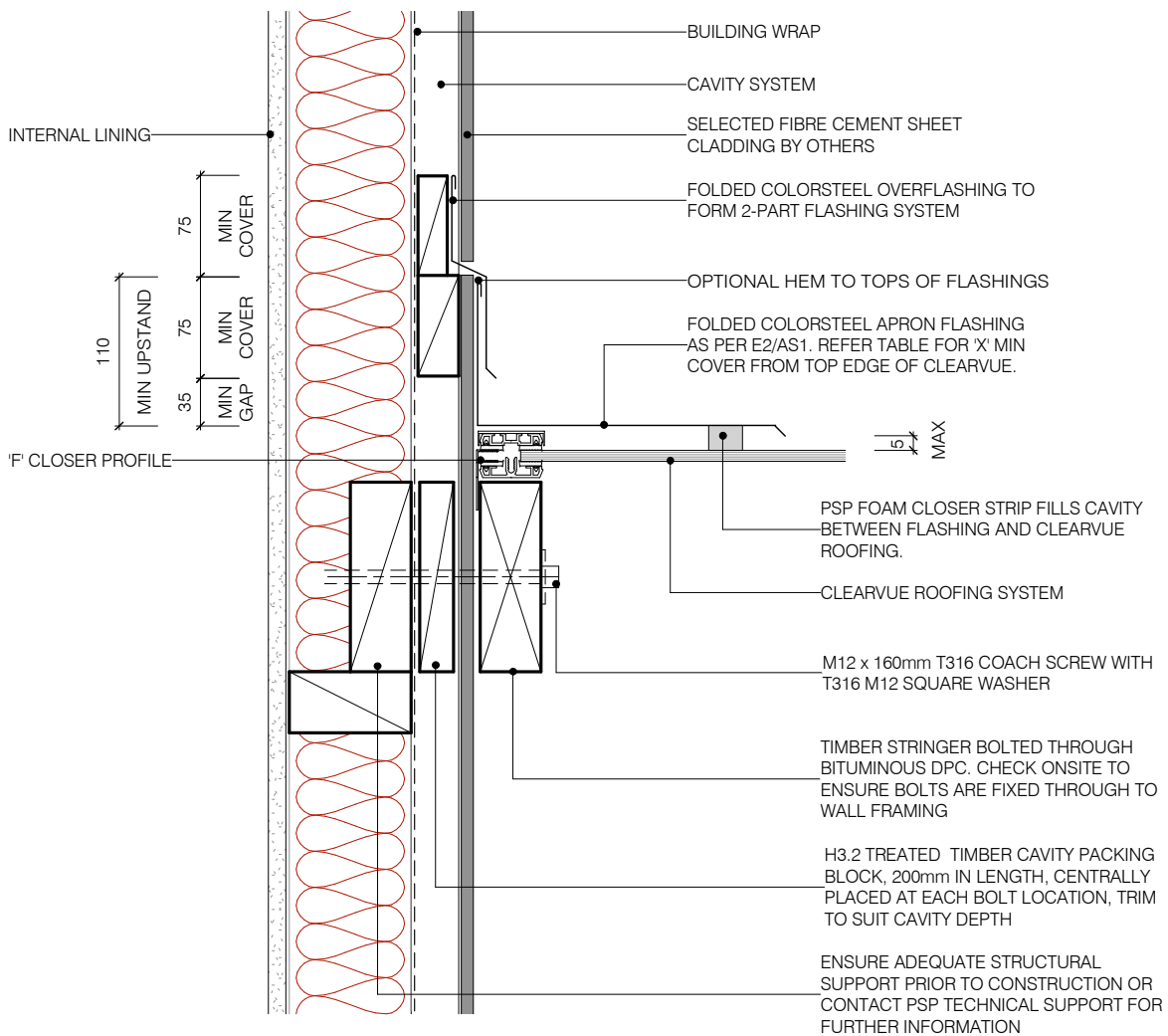
Dwg: **CV-FS-06**

**FLASHING WIDTH TABLE - 'X' mm
(BASED ON TABLE 7, E2/AS1, 24 DECEMBER 2011)**

SITUATION 1:	LOW, MEDIUM OR HIGH WIND ZONES, WHERE ROOF PITCH IS GREATER THAN OR EQUAL TO 5°.		
SITUATION 2:	ALL ROOF PITCHES IN VERY HIGH WIND ZONES. VERY HIGH WIND ZONE WHERE ROOF PITCH IS LESSER THAN OR EQUAL TO 5°.		
SITUATION 3:	ALL ROOF PITCHES IN EXTRA HIGH WIND ZONES.		
	SITUATION 1 (MINIMUM)	SITUATION 2 (MINIMUM)	SITUATION 3 (MINIMUM)
TRANSVERSE FLASHING	130	200	200

PSP - ALUMINIUM & TIMBER RAFTER SPACING TABLE

SHEET THICKNESS	6mm SHEET	8mm SHEET
ALUMINIUM RAFTER SPACING	600 crs	750 crs



NOTE: Recommended roof pitch 5°. Minimum roof pitch of 3°, consult your PSP agent for suitable applications.

NOTE: All dimensions are in millimeters (mm)

**ClearVue
BARGE DETAIL -
FIBRE CEMENT SHEET (CAVITY)**

320 Rosedale Road, Albany, Auckland, New Zealand
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Scale: 1 : 5 @ A4

Date: 27/05/14

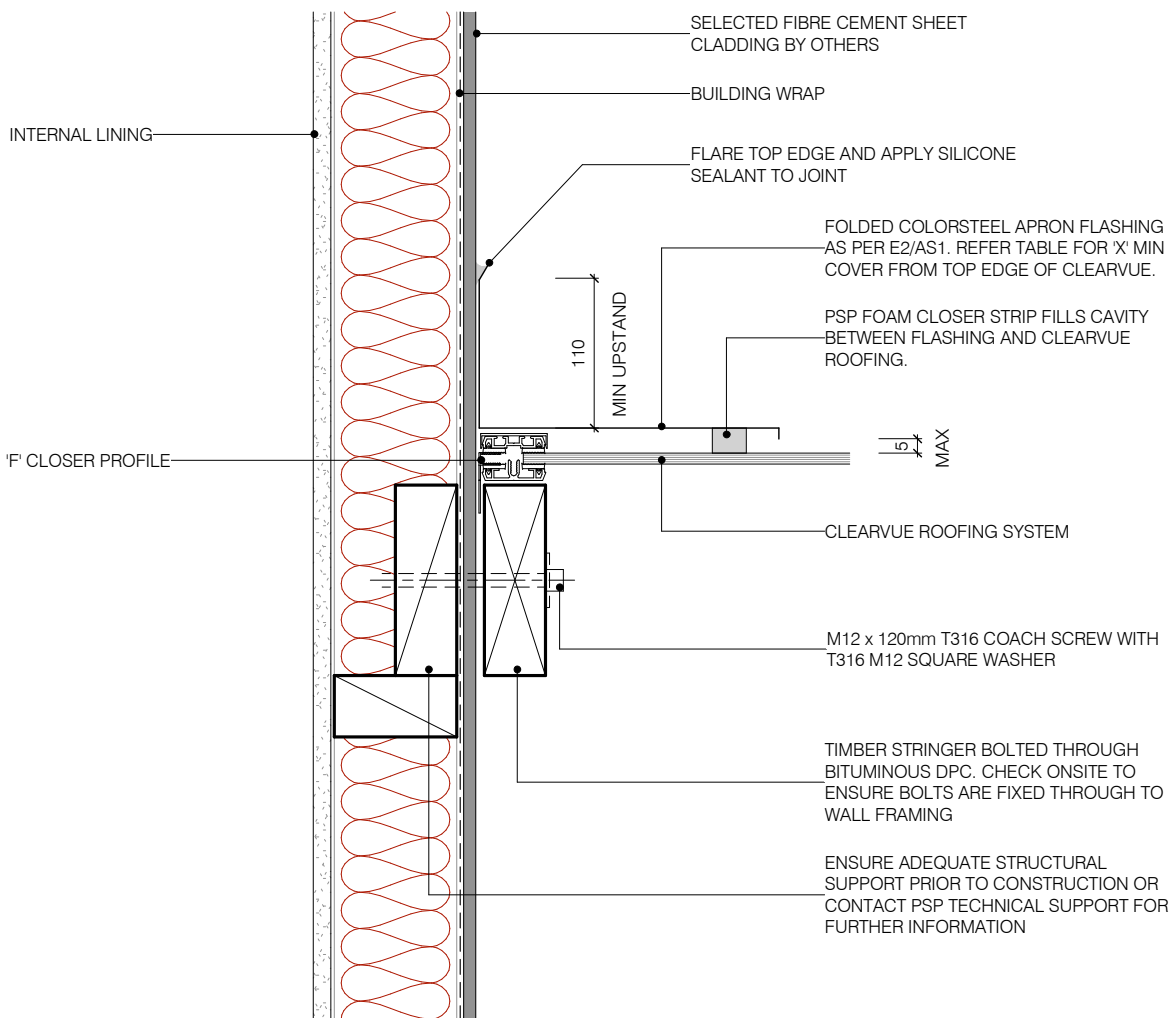
Dwg: **CV-FS-10**

**FLASHING WIDTH TABLE - 'X' mm
(BASED ON TABLE 7, E2/AS1, 24 DECEMBER 2011)**

SITUATION 1:	LOW, MEDIUM OR HIGH WIND ZONES, WHERE ROOF PITCH IS GREATER THAN OR EQUAL TO 5°.		
SITUATION 2:	ALL ROOF PITCHES IN VERY HIGH WIND ZONES. VERY HIGH WIND ZONE WHERE ROOF PITCH IS LESSER THAN OR EQUAL TO 5°.		
SITUATION 3:	ALL ROOF PITCHES IN EXTRA HIGH WIND ZONES.		
	SITUATION 1 (MINIMUM)	SITUATION 2 (MINIMUM)	SITUATION 3 (MINIMUM)
TRANSVERSE FLASHING	130	200	200

**PSP - ALUMINIUM & TIMBER RAFTER
SPACING TABLE**

SHEET THICKNESS	6mm SHEET	8mm SHEET
ALUMINIUM RAFTER SPACING	600 crs	750 crs



NOTE: Recommended roof pitch 5°. Minimum roof pitch of 3°, consult your PSP agent for suitable applications.

NOTE: All dimensions are in millimeters (mm)

**ClearVue
BARGE DETAIL -
FIBRE CEMENT SHEET (DIRECT FIX)**

320 Rosedale Road, Albany, Auckland, New Zealand
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ClearVue roofing system to be installed and fixed to suitable structural support, complying with relevant clauses of the NZBC and the New Zealand Building Act.

Scale: 1 : 5 @ A4

Date: 27/05/14

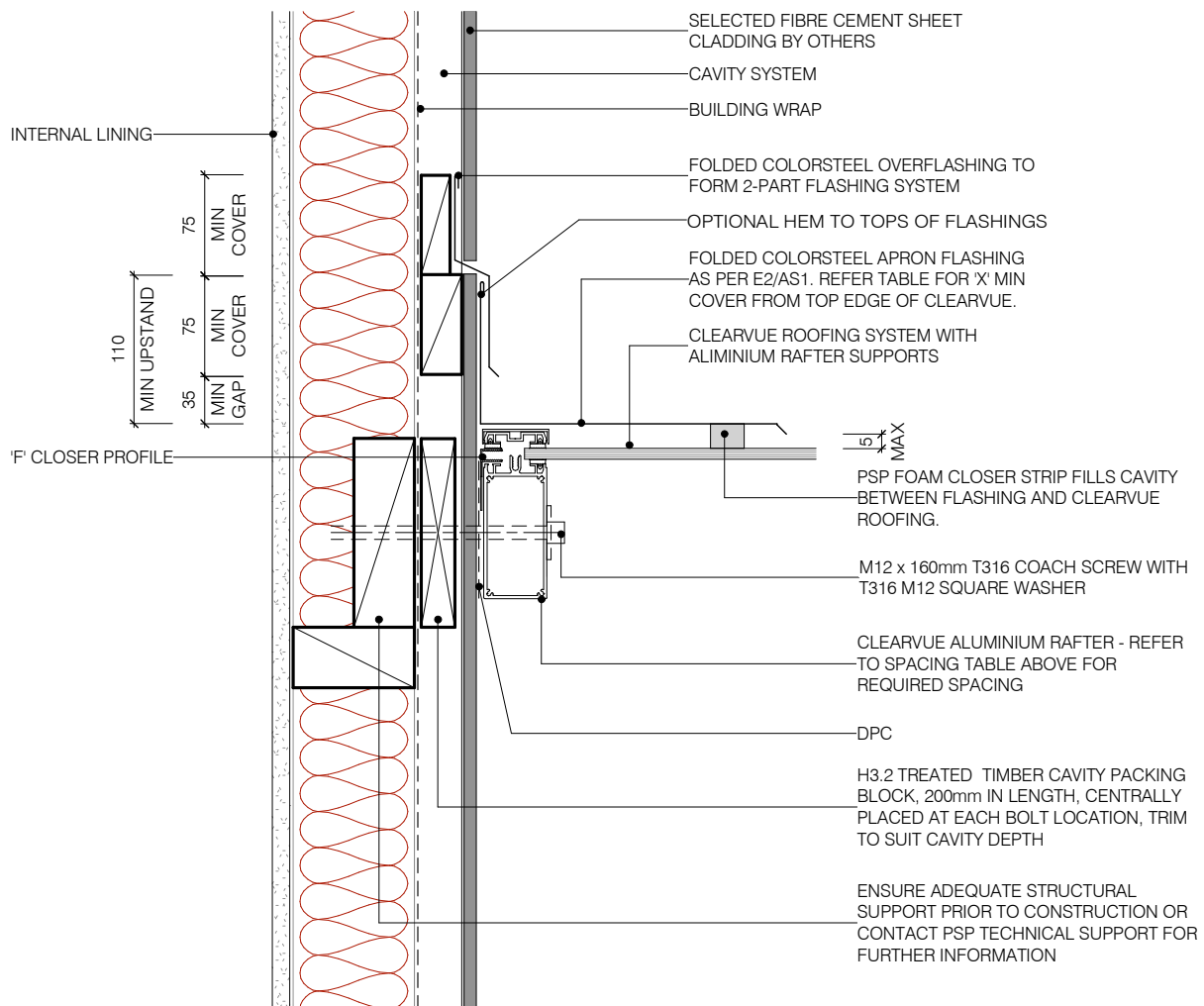
Dwg: **CV-FS-11**

**FLASHING WIDTH TABLE - 'X'mm
(BASED ON TABLE 7, E2/AS1, 24 DECEMBER 2011)**

SITUATION 1:	LOW, MEDIUM OR HIGH WIND ZONES, WHERE ROOF PITCH IS GREATER THAN OR EQUAL TO 5°.		
SITUATION 2:	ALL ROOF PITCHES IN VERY HIGH WIND ZONES. VERY HIGH WIND ZONE WHERE ROOF PITCH IS LESSER THAN OR EQUAL TO 5°.		
SITUATION 3:	ALL ROOF PITCHES IN EXTRA HIGH WIND ZONES.		
	SITUATION 1 (MINIMUM)	SITUATION 2 (MINIMUM)	SITUATION 3 (MINIMUM)
TRANSVERSE FLASHING	130	200	200

**PSP - ALUMINIUM & TIMBER RAFTER
SPACING TABLE**

SHEET THICKNESS	6mm SHEET	8mm SHEET
ALUMINIUM RAFTER SPACING	600 crs	750 crs



NOTE: Recommended roof pitch 5°. Minimum roof pitch of 3°, consult your PSP agent for suitable applications.

NOTE: All dimensions are in millimeters (mm)

ClearVue BARGE DETAIL FOR ALUMINIUM RAFTER - FIBRE CEMENT SHEET (CAVITY)

320 Rosedale Road, Albany, Auckland, New Zealand
PO Box 101 851 NSMC, New Zealand

Note: Details may be subject to change without notification

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F.09 415 2809
www.psp.co.nz

ClearVue roofing system to be installed and fixed to suitable structural support, complying with relevant clauses of the NZBC and the New Zealand Building Act.

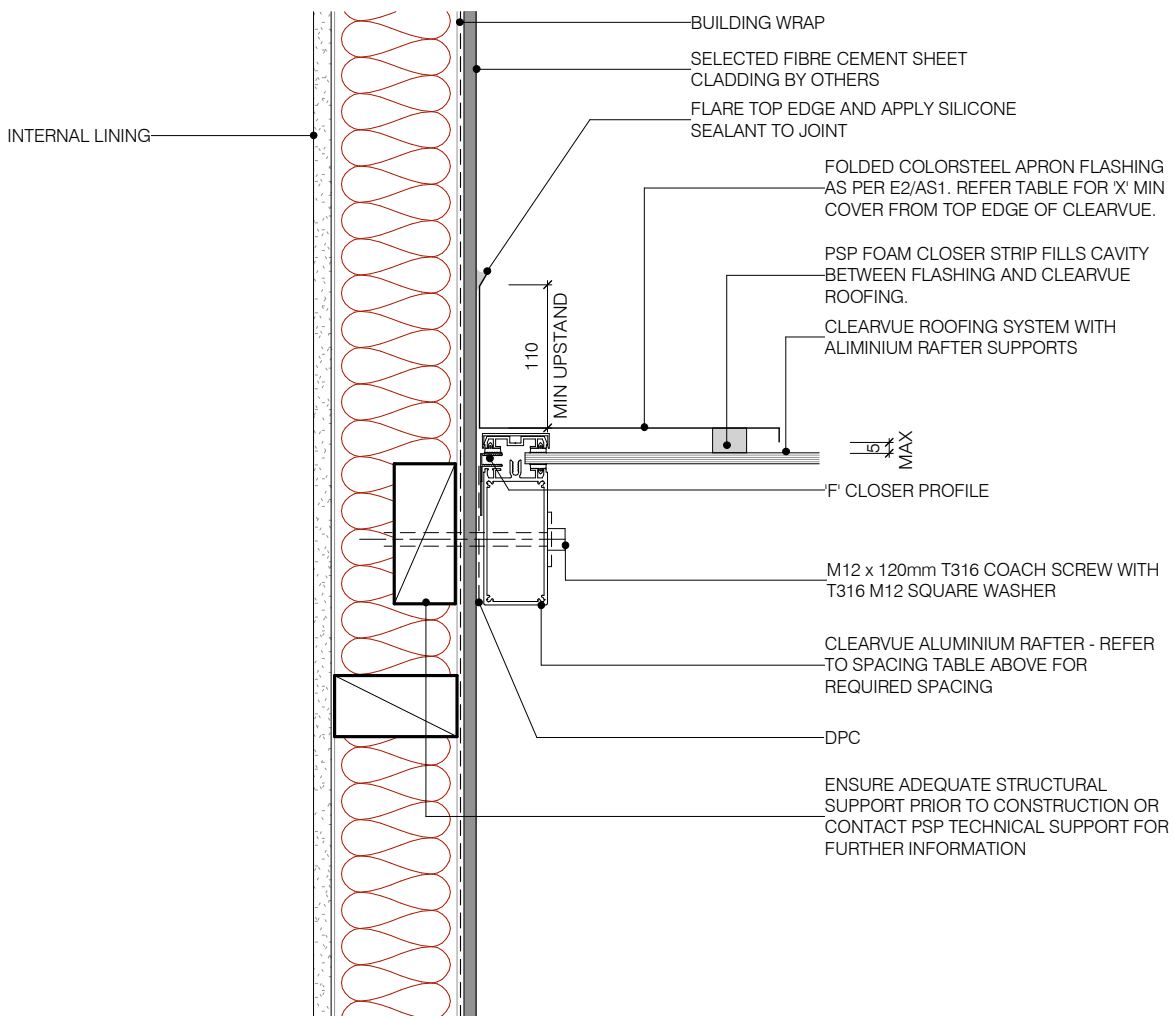
Scale: 1 : 5 @ A4

Date: 27/05/14

Dwg: **CV-FS-12**

FLASHING WIDTH TABLE - 'X'mm (BASED ON TABLE 7, E2/AS1, 24 DECEMBER 2011)			
SITUATION 1:	LOW, MEDIUM OR HIGH WIND ZONES, WHERE ROOF PITCH IS GREATER THAN OR EQUAL TO 5°.		
SITUATION 2:	ALL ROOF PITCHES IN VERY HIGH WIND ZONES. VERY HIGH WIND ZONE WHERE ROOF PITCH IS LESSER THAN OR EQUAL TO 5°.		
SITUATION 3:	ALL ROOF PITCHES IN EXTRA HIGH WIND ZONES.		
	SITUATION 1 (MINIMUM)	SITUATION 2 (MINIMUM)	SITUATION 3 (MINIMUM)
TRANSVERSE FLASHING	130	200	200

PSP - ALUMINIUM & TIMBER RAFTER SPACING TABLE		
SHEET THICKNESS	6mm SHEET	8mm SHEET
ALUMINIUM RAFTER SPACING	600 crs	750 crs



NOTE: Recommended roof pitch 5°. Minimum roof pitch of 3°, consult your PSP agent for suitable applications.

NOTE: All dimensions are in millimeters (mm)

ClearVue BARGE DETAIL FOR ALUMINIUM RAFTER - FIBRE CEMENT SHEET (DIRECT FIX)

320 Rosedale Road, Albany, Auckland, New Zealand
PO Box 101 851 NSMC, New Zealand
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T.09 415 2800
F.09 415 2809
www.psp.co.nz

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Scale: 1 : 5 @ A4

Date: 27/05/14

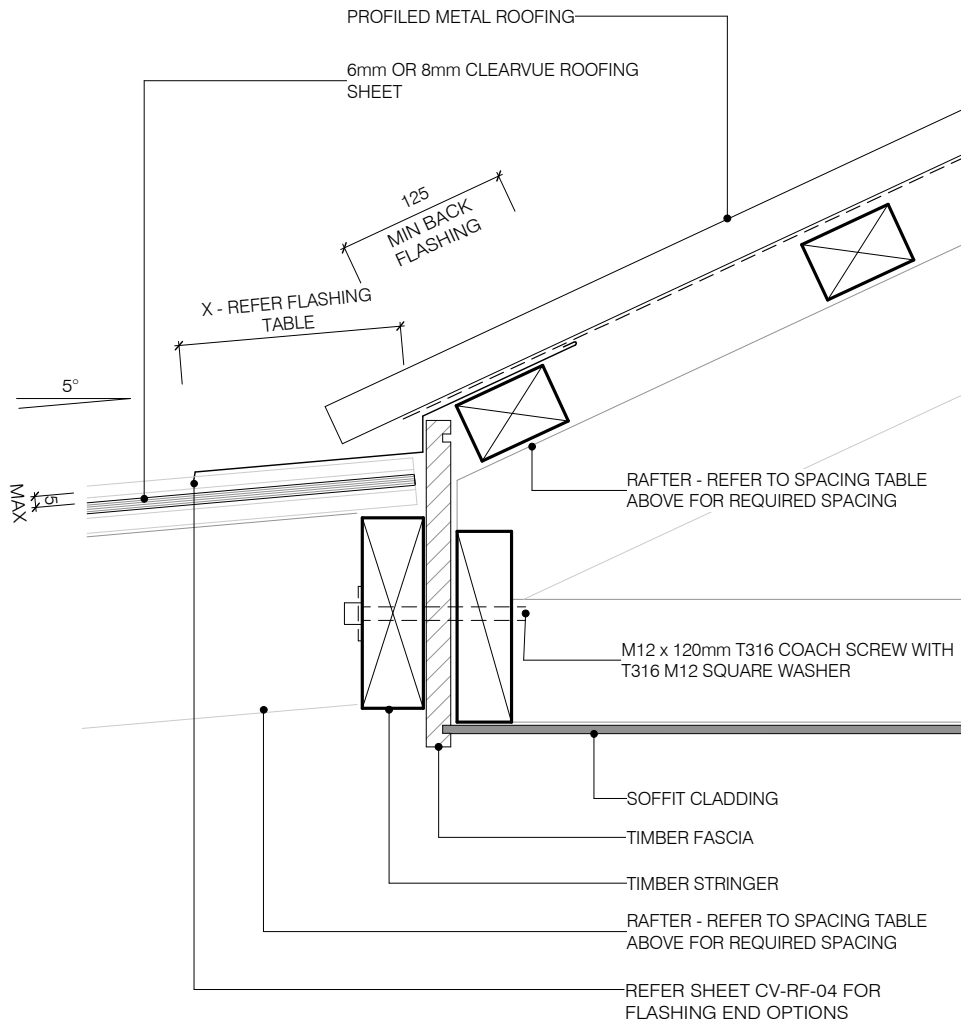
Dwg: **CV-FS-13**

**FLASHING WIDTH TABLE - *X*mm
(BASED ON TABLE 7, E2/AS1, 24 DECEMBER 2011)**

SITUATION 1:	LOW, MEDIUM OR HIGH WIND ZONES, WHERE ROOF PITCH IS GREATER THAN OR EQUAL TO 5°.		
SITUATION 2:	ALL ROOF PITCHES IN VERY HIGH WIND ZONES. VERY HIGH WIND ZONE WHERE ROOF PITCH IS LESSER THAN OR EQUAL TO 5°.		
SITUATION 3:	ALL ROOF PITCHES IN EXTRA HIGH WIND ZONES.		
	SITUATION 1 (MINIMUM)	SITUATION 2 (MINIMUM)	SITUATION 3 (MINIMUM)
TRANSVERSE FLASHING	130	200	200

PSP - ALUMINIUM & TIMBER RAFTER SPACING TABLE

SHEET THICKNESS	6mm SHEET	8mm SHEET
ALUMINIUM RAFTER SPACING	600 crs	750 crs



NOTE: Recommended roof pitch 5°. Minimum roof pitch of 3°, consult your PSP agent for suitable applications.

NOTE: All dimensions are in millimeters (mm)

ClearVue

TYPICAL EAVES DETAIL

320 Rosedale Road, Albany, Auckland, New Zealand
PO Box 101 851 NSMC, New Zealand
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ClearVue roofing system to be installed and fixed to suitable structural support, complying with relevant clauses of the NZBC and the New Zealand Building Act.

Scale: 1 : 5 @ A4

Date: 27/05/14

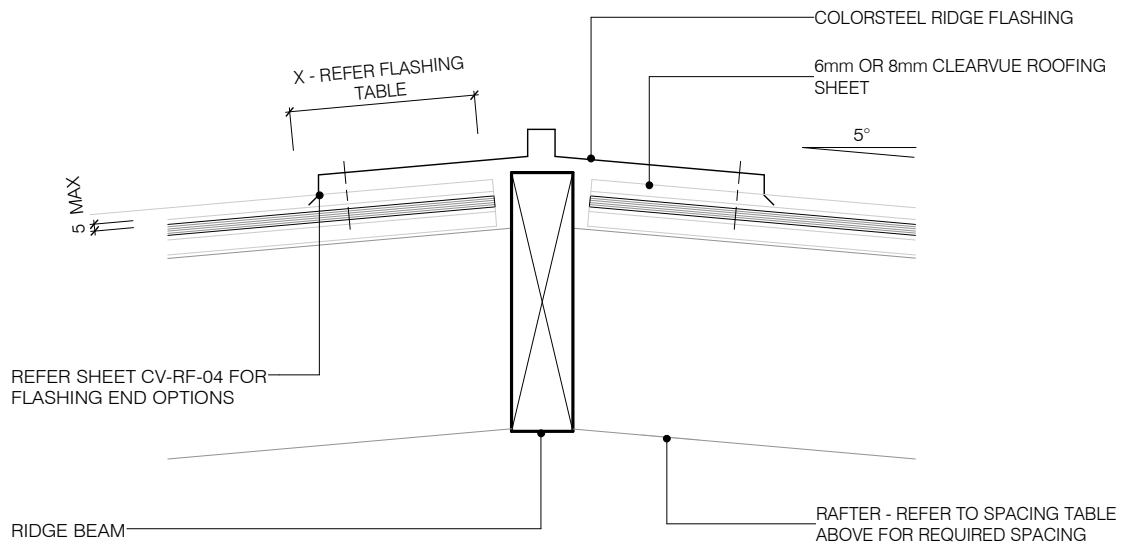
Dwg: **CV-RF-01**

**FLASHING WIDTH TABLE - "X"mm
(BASED ON TABLE 7, E2/AS1, 24 DECEMBER 2011)**

SITUATION 1:	LOW, MEDIUM OR HIGH WIND ZONES, WHERE ROOF PITCH IS GREATER THAN OR EQUAL TO 5°.		
SITUATION 2:	ALL ROOF PITCHES IN VERY HIGH WIND ZONES. VERY HIGH WIND ZONE WHERE ROOF PITCH IS LESSER THAN OR EQUAL TO 5°.		
SITUATION 3:	ALL ROOF PITCHES IN EXTRA HIGH WIND ZONES.		
	SITUATION 1 (MINIMUM)	SITUATION 2 (MINIMUM)	SITUATION 3 (MINIMUM)
TRANSVERSE FLASHING	130	200	200

PSP - ALUMINIUM & TIMBER RAFTER SPACING TABLE

SHEET THICKNESS	6mm SHEET	8mm SHEET
ALUMINIUM RAFTER SPACING	600 crs	750 crs



NOTE: Recommended roof pitch 5°. Minimum roof pitch of 3°, consult your PSP agent for suitable applications.

NOTE: All dimensions are in millimeters (mm)

ClearVue

TYPICAL RIDGE DETAIL

320 Rosedale Road, Albany, Auckland, New Zealand
PO Box 101 851 NSMC, New Zealand
Note: Details may be subject to change without notification

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F.09 415 2809
www.psp.co.nz

ClearVue roofing system to be installed and fixed to suitable structural support, complying with relevant clauses of the NZBC and the New Zealand Building Act.

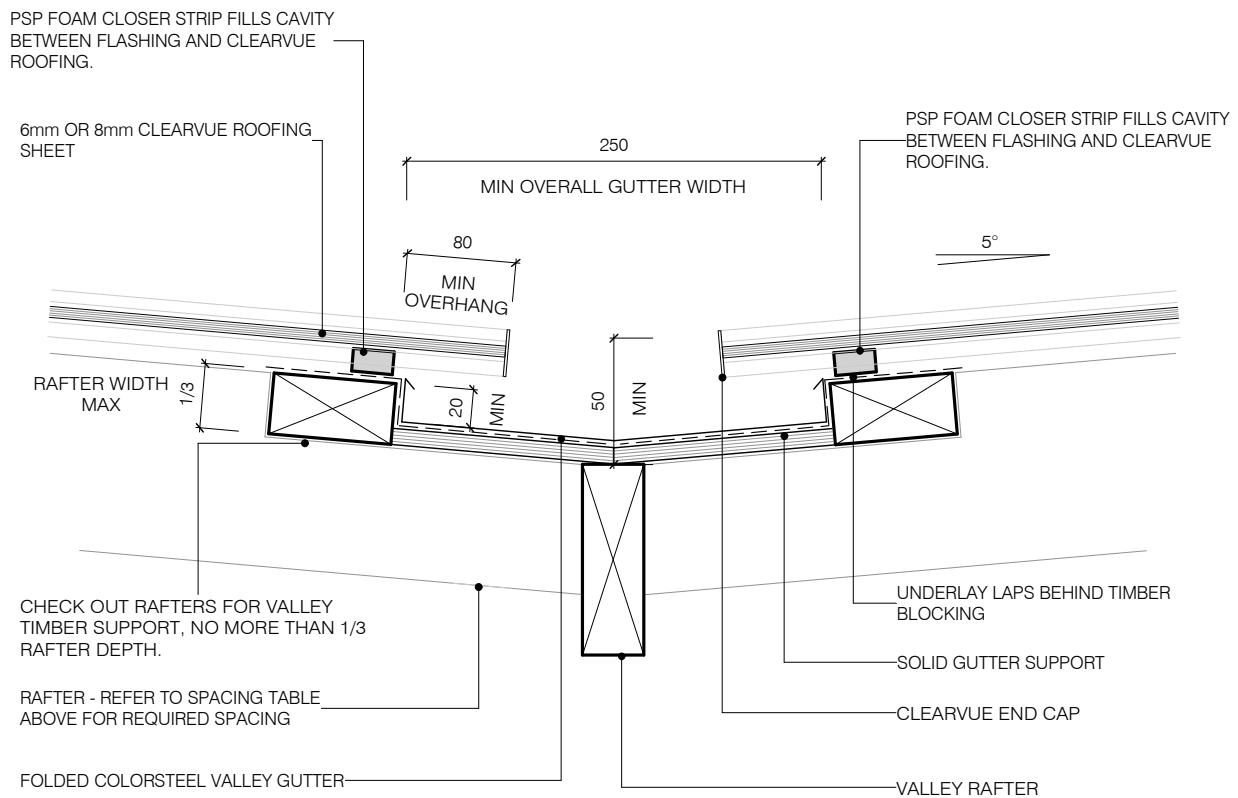
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Date: 27/05/14

Dwg: **CV-RF-02**

FLASHING WIDTH TABLE - "X"mm (BASED ON TABLE 7, E2/AS1, 24 DECEMBER 2011)			
SITUATION 1:	LOW, MEDIUM OR HIGH WIND ZONES, WHERE ROOF PITCH IS GREATER THAN OR EQUAL TO 5°.		
SITUATION 2:	ALL ROOF PITCHES IN VERY HIGH WIND ZONES. VERY HIGH WIND ZONE WHERE ROOF PITCH IS LESSER THAN OR EQUAL TO 5°.		
SITUATION 3:	ALL ROOF PITCHES IN EXTRA HIGH WIND ZONES.		
	SITUATION 1 (MINIMUM)	SITUATION 2 (MINIMUM)	SITUATION 3 (MINIMUM)
TRANSVERSE FLASHING	130	200	200

PSP - ALUMINIUM & TIMBER RAFTER SPACING TABLE		
SHEET THICKNESS	6mm SHEET	8mm SHEET
ALUMINIUM RAFTER SPACING	600 crs	750 crs



NOTE: Recommended roof pitch 5°. Minimum roof pitch of 3°, consult your PSP agent for suitable applications.

NOTE: All dimensions are in millimeters (mm)

ClearVue

TYPICAL VALLEY DETAIL

320 Rosedale Road, Albany, Auckland, New Zealand
PO Box 101 851 NSMC, New Zealand
Note: Details may be subject to change without notification

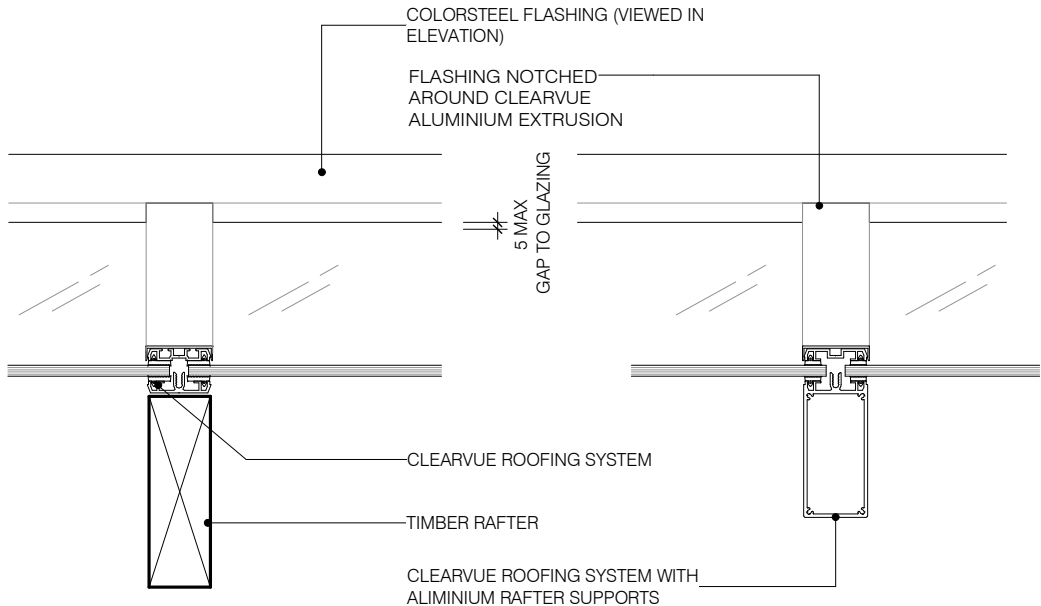
T.09 415 2800
F.09 415 2809
www.psp.co.nz

ClearVue roofing system to be installed and fixed to suitable structural support, complying with relevant clauses of the NZBC and the New Zealand Building Act.

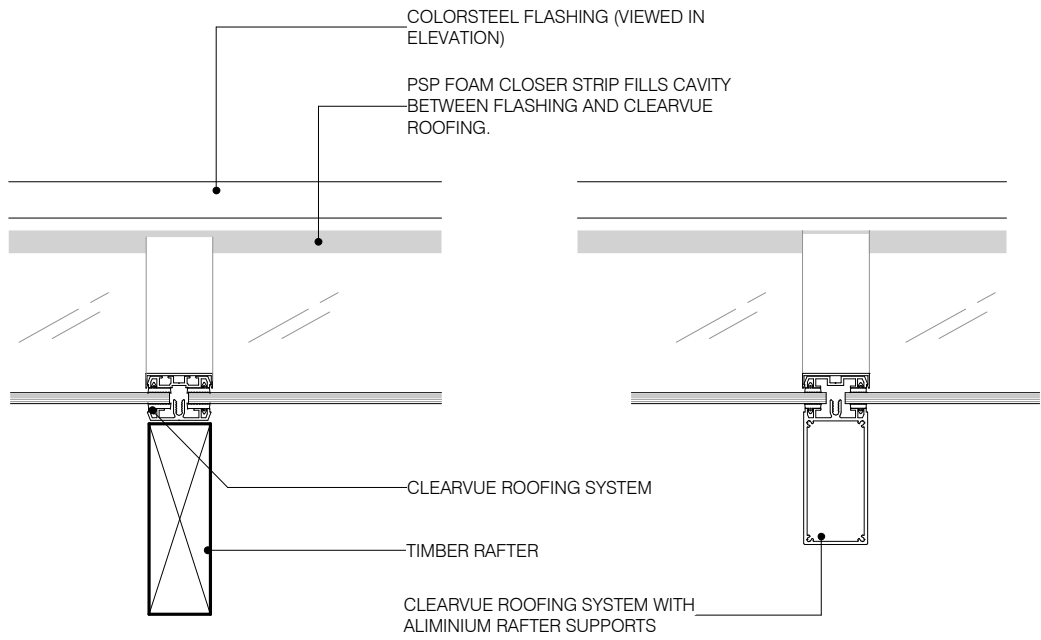
Scale: 1 : 5 @ A4

Date: 27/05/14

Dwg: CV-RF-03



NOTCHED FLASHING OPTION



FOAM INFILL OPTION

NOTE: Recommended roof pitch 5°. Minimum roof pitch of 3°, consult your PSP agent for suitable applications.

NOTE: All dimensions are in millimeters (mm)

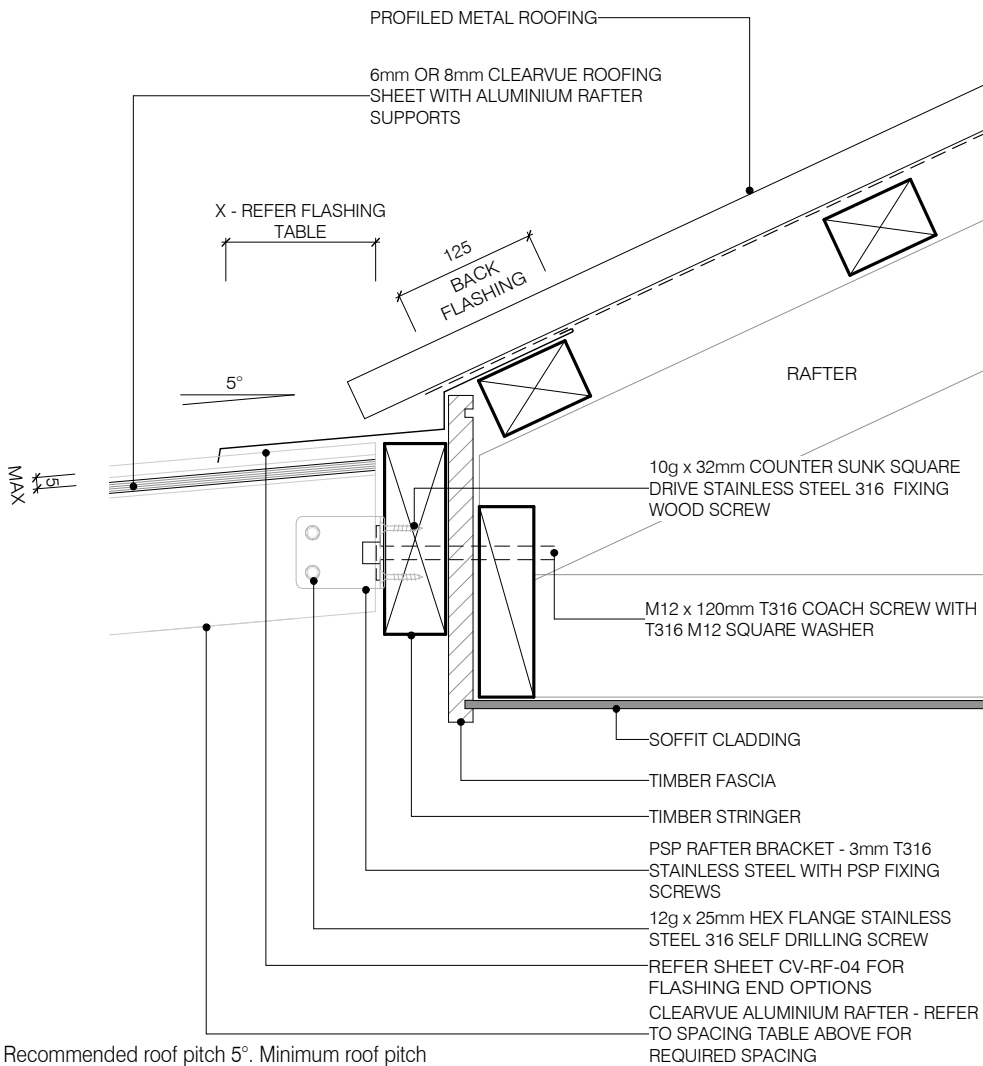
<p>ClearVue</p> <p>FLASHING END OPTIONS</p> <p>320 Rosedale Road, Albany, Auckland, New Zealand PO Box 101 851 NSMC, New Zealand Note: Details may be subject to change without notification</p>	<p>ClearVue roofing system to be installed and fixed to suitable structural support, complying with relevant clauses of the NZBC and the New Zealand Building Act.</p> <p>T.09 415 2800 F.09 415 2809 www.psp.co.nz</p>	<p>Scale: 1 : 5 @ A4</p> <p>Date: 27/05/14</p> <p>Dwg: CV-RF-04</p>
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**FLASHING WIDTH TABLE - "X"mm
(BASED ON TABLE 7, E2/AS1, 24 DECEMBER 2011)**

SITUATION 1:	LOW, MEDIUM OR HIGH WIND ZONES, WHERE ROOF PITCH IS GREATER THAN OR EQUAL TO 5°.		
SITUATION 2:	ALL ROOF PITCHES IN VERY HIGH WIND ZONES. VERY HIGH WIND ZONE WHERE ROOF PITCH IS LESSER THAN OR EQUAL TO 5°.		
SITUATION 3:	ALL ROOF PITCHES IN EXTRA HIGH WIND ZONES.		
	SITUATION 1 (MINIMUM)	SITUATION 2 (MINIMUM)	SITUATION 3 (MINIMUM)
TRANSVERSE FLASHING	130	200	200

PSP - ALUMINIUM & TIMBER RAFTER SPACING TABLE

SHEET THICKNESS	6mm SHEET	8mm SHEET
ALUMINIUM RAFTER SPACING	600 crs	750 crs



NOTE: Recommended roof pitch 5°. Minimum roof pitch of 3°, consult your PSP agent for suitable applications.

NOTE: All dimensions are in millimeters (mm)

ClearVue

TYPICAL EAVES DETAIL - SADDLE BRACKET

320 Rosedale Road, Albany, Auckland, New Zealand
PO Box 101 851 NSMC, New Zealand

Note: Details may be subject to change without notification

T.09 415 2800
F.09 415 2809
www.psp.co.nz

ClearVue roofing system to be installed and fixed to suitable structural support, complying with relevant clauses of the NZBC and the New Zealand Building Act.

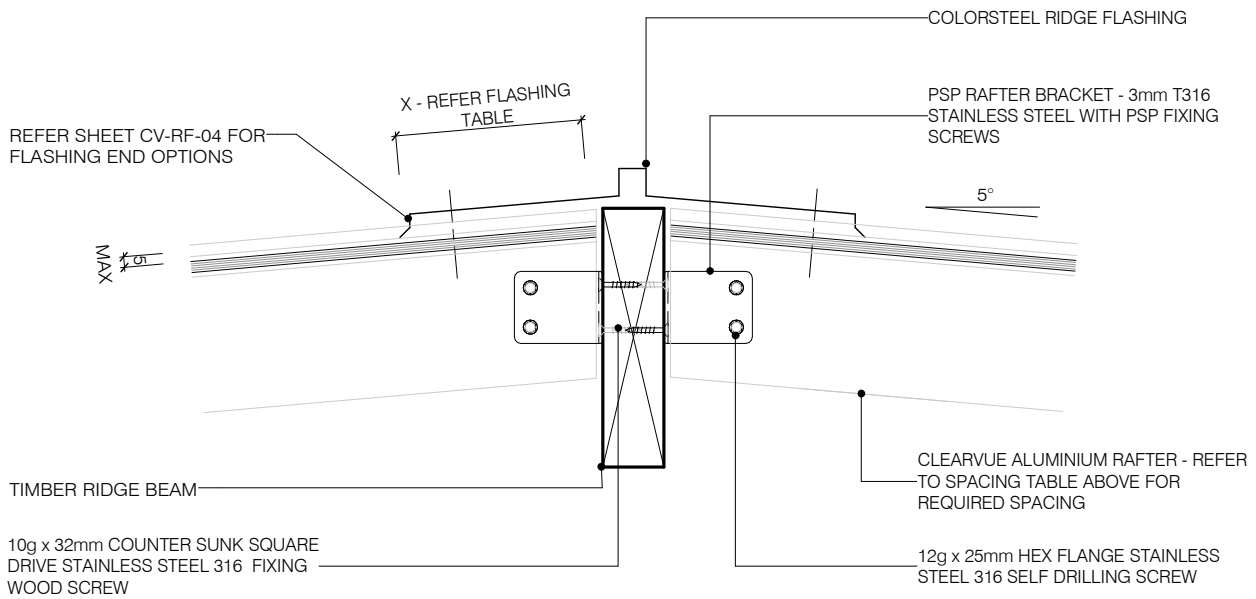
Scale: 1 : 5 @ A4

Date: 27/05/14

Dwg: **CV-RF-10**

FLASHING WIDTH TABLE - "X"mm (BASED ON TABLE 7, E2/AS1, 24 DECEMBER 2011)			
SITUATION 1:	LOW, MEDIUM OR HIGH WIND ZONES, WHERE ROOF PITCH IS GREATER THAN OR EQUAL TO 5°.		
SITUATION 2:	ALL ROOF PITCHES IN VERY HIGH WIND ZONES. VERY HIGH WIND ZONE WHERE ROOF PITCH IS LESSER THAN OR EQUAL TO 5°.		
SITUATION 3:	ALL ROOF PITCHES IN EXTRA HIGH WIND ZONES.		
	SITUATION 1 (MINIMUM)	SITUATION 2 (MINIMUM)	SITUATION 3 (MINIMUM)
TRANSVERSE FLASHING	130	200	200

PSP - ALUMINIUM & TIMBER RAFTER SPACING TABLE		
SHEET THICKNESS	6mm SHEET	8mm SHEET
ALUMINIUM RAFTER SPACING	600 crs	750 crs



NOTE: Recommended roof pitch 5°. Minimum roof pitch of 3°, consult your PSP agent for suitable applications.

NOTE: All dimensions are in millimeters (mm)

ClearVue

TYPICAL RIDGE DETAIL - SADDLE BRACKET

320 Rosedale Road, Albany, Auckland, New Zealand
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Scale: 1 : 5 @ A4

Date: 27/05/14

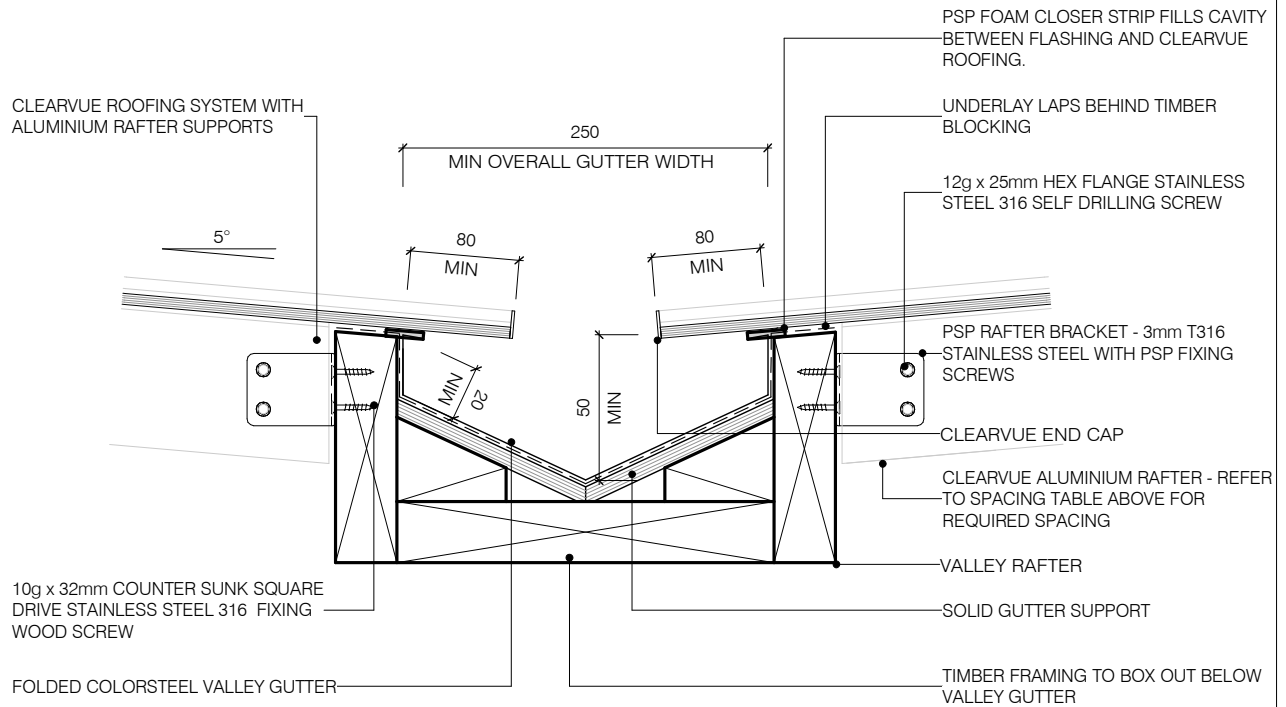
Dwg: **CV-RF-11**

**FLASHING WIDTH TABLE - *X*mm
(BASED ON TABLE 7, E2/AS1, 24 DECEMBER 2011)**

SITUATION 1:	LOW, MEDIUM OR HIGH WIND ZONES, WHERE ROOF PITCH IS GREATER THAN OR EQUAL TO 5°.		
SITUATION 2:	ALL ROOF PITCHES IN VERY HIGH WIND ZONES. VERY HIGH WIND ZONE WHERE ROOF PITCH IS LESSER THAN OR EQUAL TO 5°.		
SITUATION 3:	ALL ROOF PITCHES IN EXTRA HIGH WIND ZONES.		
	SITUATION 1 (MINIMUM)	SITUATION 2 (MINIMUM)	SITUATION 3 (MINIMUM)
TRANSVERSE FLASHING	130	200	200

PSP - ALUMINIUM & TIMBER RAFTER SPACING TABLE

SHEET THICKNESS	6mm SHEET	8mm SHEET
ALUMINIUM RAFTER SPACING	600 crs	750 crs



NOTE: Recommended roof pitch 5°. Minimum roof pitch of 3°, consult your PSP agent for suitable applications.

NOTE: All dimensions are in millimeters (mm)

ClearVue

TYPICAL VALLEY DETAIL - SADDLE BRACKET

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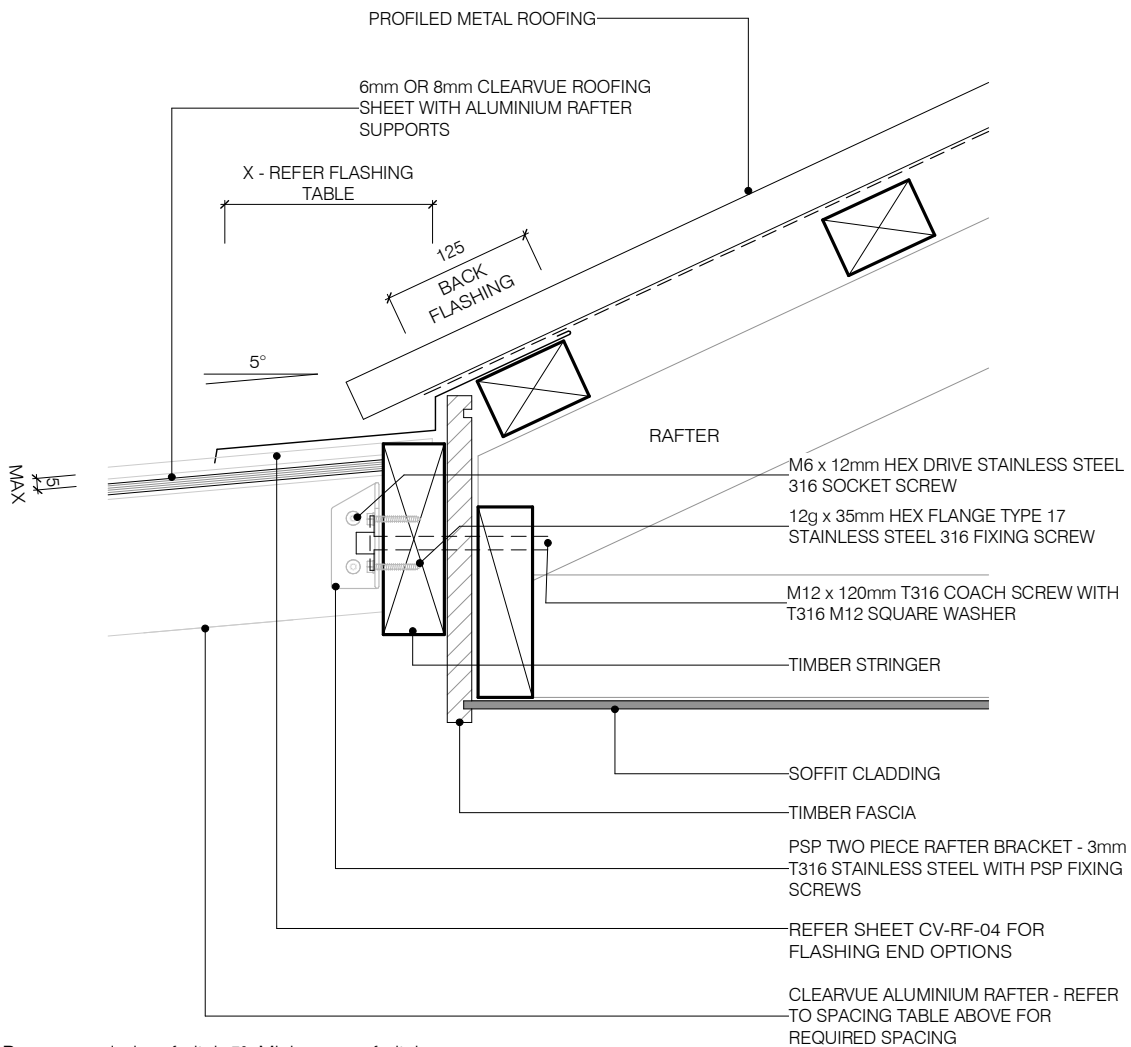
Scale: 1 : 5 @ A4

Date: 27/05/14

Dwg: **CV-RF-12**

FLASHING WIDTH TABLE - "X"mm (BASED ON TABLE 7, E2/AS1, 24 DECEMBER 2011)			
SITUATION 1:	LOW, MEDIUM OR HIGH WIND ZONES, WHERE ROOF PITCH IS GREATER THAN OR EQUAL TO 5°.		
SITUATION 2:	ALL ROOF PITCHES IN VERY HIGH WIND ZONES. VERY HIGH WIND ZONE WHERE ROOF PITCH IS LESSER THAN OR EQUAL TO 5°.		
SITUATION 3:	ALL ROOF PITCHES IN EXTRA HIGH WIND ZONES.		
	SITUATION 1 (MINIMUM)	SITUATION 2 (MINIMUM)	SITUATION 3 (MINIMUM)
TRANSVERSE FLASHING	130	200	200

PSP - ALUMINIUM & TIMBER RAFTER SPACING TABLE		
SHEET THICKNESS	6mm SHEET	8mm SHEET
ALUMINIUM RAFTER SPACING	600 crs	750 crs



NOTE: Recommended roof pitch 5°. Minimum roof pitch of 3°, consult your PSP agent for suitable applications.

NOTE: All dimensions are in millimeters (mm)

ClearVue

TYPICAL EAVES DETAIL - STEEL PLATE

320 Rosedale Road, Albany, Auckland, New Zealand
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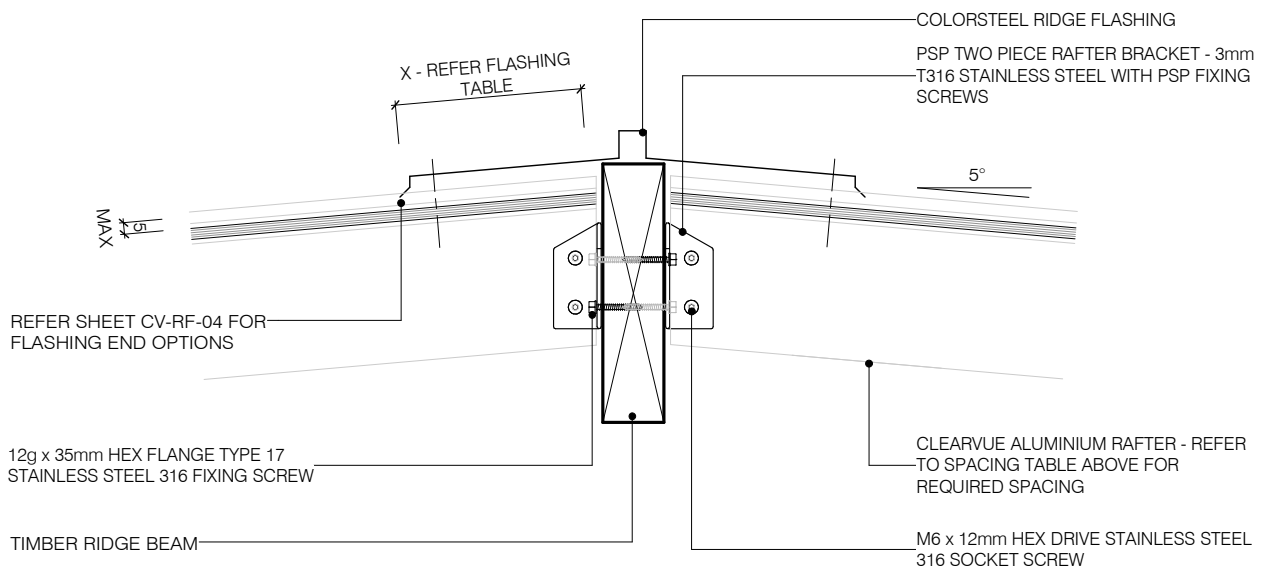
Scale: 1 : 5 @ A4

Date: 27/05/14

Dwg: **CV-RF-20**

FLASHING WIDTH TABLE - "X"mm (BASED ON TABLE 7, E2/AS1, 24 DECEMBER 2011)			
SITUATION 1:	LOW, MEDIUM OR HIGH WIND ZONES, WHERE ROOF PITCH IS GREATER THAN OR EQUAL TO 5°.		
SITUATION 2:	ALL ROOF PITCHES IN VERY HIGH WIND ZONES. VERY HIGH WIND ZONE WHERE ROOF PITCH IS LESSER THAN OR EQUAL TO 5°.		
SITUATION 3:	ALL ROOF PITCHES IN EXTRA HIGH WIND ZONES.		
	SITUATION 1 (MINIMUM)	SITUATION 2 (MINIMUM)	SITUATION 3 (MINIMUM)
TRANSVERSE FLASHING	130	200	200

PSP - ALUMINIUM & TIMBER RAFTER SPACING TABLE		
SHEET THICKNESS	6mm SHEET	8mm SHEET
ALUMINIUM RAFTER SPACING	600 crs	750 crs



NOTE: Recommended roof pitch 5°. Minimum roof pitch of 3°, consult your PSP agent for suitable applications.

NOTE: All dimensions are in millimeters (mm)

ClearVue

TYPICAL RIDGE DETAIL - STEEL PLATE

320 Rosedale Road, Albany, Auckland, New Zealand
PO Box 101 851 NSMC, New Zealand

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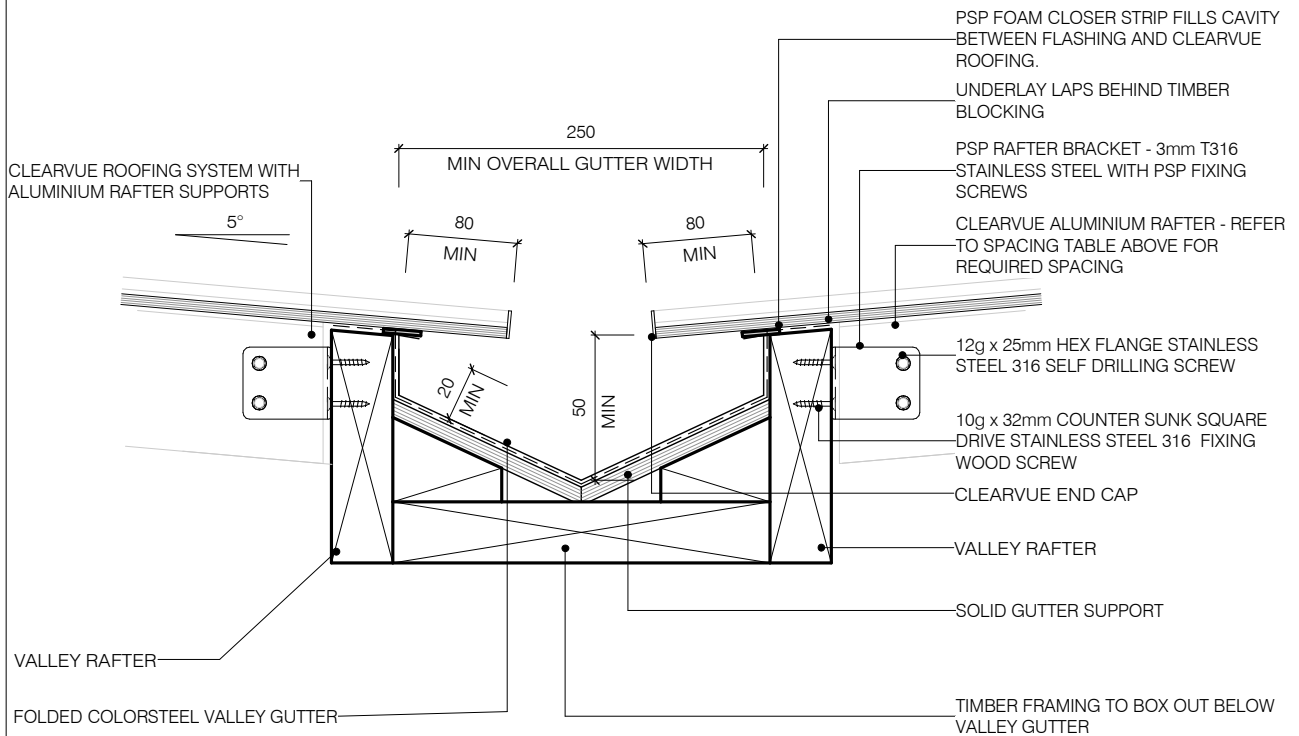
Scale: 1 : 5 @ A4

Date: 27/05/14

Dwg: **CV-RF-21**

FLASHING WIDTH TABLE - *X*mm (BASED ON TABLE 7, E2/AS1, 24 DECEMBER 2011)			
SITUATION 1:	LOW, MEDIUM OR HIGH WIND ZONES, WHERE ROOF PITCH IS GREATER THAN OR EQUAL TO 5°.		
SITUATION 2:	ALL ROOF PITCHES IN VERY HIGH WIND ZONES. VERY HIGH WIND ZONE WHERE ROOF PITCH IS LESSER THAN OR EQUAL TO 5°.		
SITUATION 3:	ALL ROOF PITCHES IN EXTRA HIGH WIND ZONES.		
	SITUATION 1 (MINIMUM)	SITUATION 2 (MINIMUM)	SITUATION 3 (MINIMUM)
TRANSVERSE FLASHING	130	200	200

PSP - ALUMINIUM & TIMBER RAFTER SPACING TABLE		
SHEET THICKNESS	6mm SHEET	8mm SHEET
ALUMINIUM RAFTER SPACING	600 crs	750 crs



NOTE: Recommended roof pitch 5°. Minimum roof pitch of 3°, consult your PSP agent for suitable applications.

NOTE: All dimensions are in millimeters (mm)

ClearVue TYPICAL VALLEY DETAIL - STEEL PLATE

320 Rosedale Road, Albany, Auckland, New Zealand
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ClearVue roofing system to be installed and fixed to suitable structural support, complying with relevant clauses of the NZBC and the New Zealand Building Act.

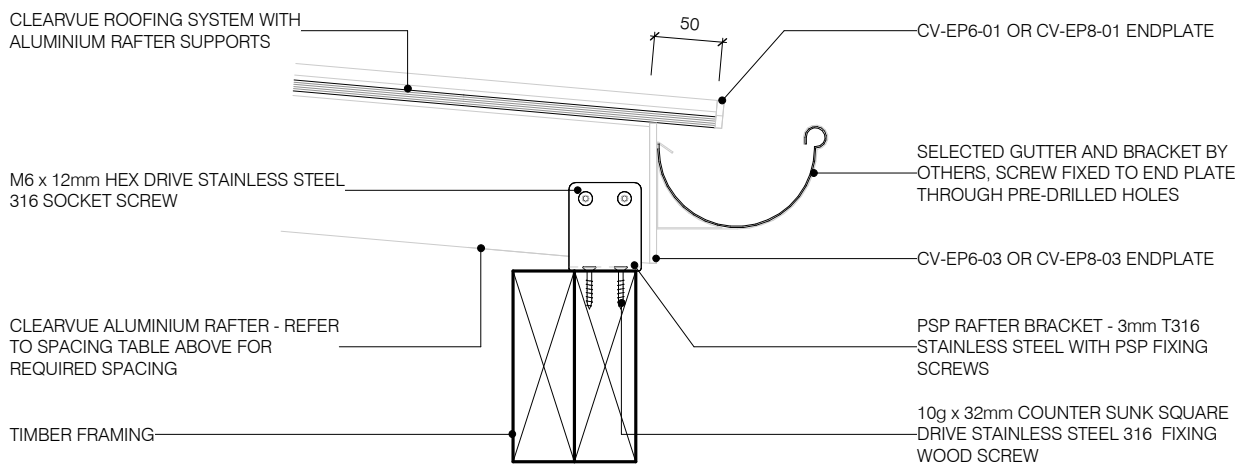
Scale: 1 : 5 @ A4

Date: 27/05/14

Dwg: **CV-RF-22**

FLASHING WIDTH TABLE - "X"mm (BASED ON TABLE 7, E2/AS1, 24 DECEMBER 2011)			
SITUATION 1:	LOW, MEDIUM OR HIGH WIND ZONES, WHERE ROOF PITCH IS GREATER THAN OR EQUAL TO 5°.		
SITUATION 2:	ALL ROOF PITCHES IN VERY HIGH WIND ZONES. VERY HIGH WIND ZONE WHERE ROOF PITCH IS LESSER THAN OR EQUAL TO 5°.		
SITUATION 3:	ALL ROOF PITCHES IN EXTRA HIGH WIND ZONES.		
	SITUATION 1 (MINIMUM)	SITUATION 2 (MINIMUM)	SITUATION 3 (MINIMUM)
TRANSVERSE FLASHING	130	200	200

PSP - ALUMINIUM & TIMBER RAFTER SPACING TABLE		
SHEET THICKNESS	6mm SHEET	8mm SHEET
ALUMINIUM RAFTER SPACING	600 crs	750 crs



NOTE: Recommended roof pitch 5°. Minimum roof pitch of 3°, consult your PSP agent for suitable applications.

NOTE: All dimensions are in millimeters (mm)

ClearVue TYPICAL END PLATE / GUTTER DETAIL WITH SADDLE BRACKET

320 Rosedale Road, Albany, Auckland, New Zealand
PO Box 101 851 NSMC, New Zealand
Note: Details may be subject to change without notification

T.09 415 2800
F.09 415 2809
www.psp.co.nz

ClearVue roofing system to be installed and fixed to suitable structural support, complying with relevant clauses of the NZBC and the New Zealand Building Act.

Scale: 1 : 5 @ A4

Date: 27/05/14

Dwg: **CV-RF-30**

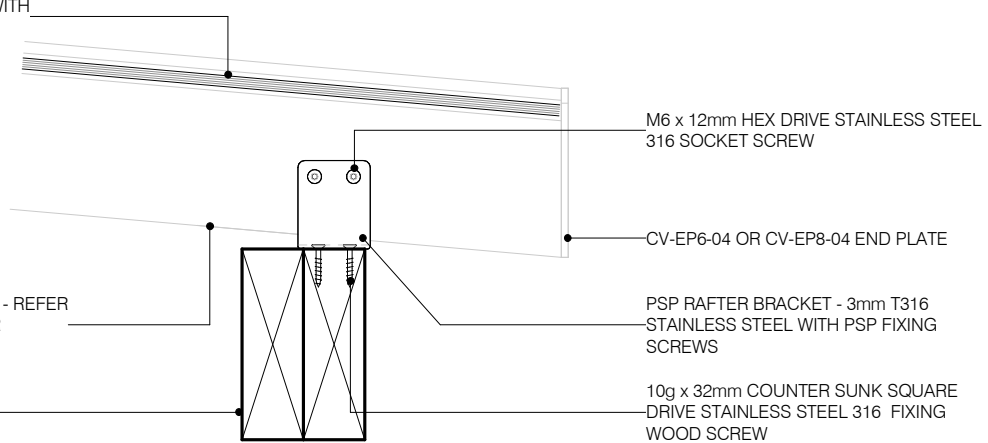
FLASHING WIDTH TABLE - "X"mm (BASED ON TABLE 7, E2/AS1, 24 DECEMBER 2011)			
SITUATION 1:	LOW, MEDIUM OR HIGH WIND ZONES, WHERE ROOF PITCH IS GREATER THAN OR EQUAL TO 5°.		
SITUATION 2:	ALL ROOF PITCHES IN VERY HIGH WIND ZONES. VERY HIGH WIND ZONE WHERE ROOF PITCH IS LESSER THAN OR EQUAL TO 5°.		
SITUATION 3:	ALL ROOF PITCHES IN EXTRA HIGH WIND ZONES.		
	SITUATION 1 (MINIMUM)	SITUATION 2 (MINIMUM)	SITUATION 3 (MINIMUM)
TRANSVERSE FLASHING	130	200	200

PSP - ALUMINIUM & TIMBER RAFTER SPACING TABLE		
SHEET THICKNESS	6mm SHEET	8mm SHEET
ALUMINIUM RAFTER SPACING	600 crs	750 crs

CLEARVUE ROOFING SYSTEM WITH ALUMINIUM RAFTER SUPPORTS

CLEARVUE ALUMINIUM RAFTER - REFER TO SPACING TABLE ABOVE FOR REQUIRED SPACING

TIMBER FRAMING



NOTE: Recommended roof pitch 5°. Minimum roof pitch of 3°, consult your PSP agent for suitable applications.

NOTE: All dimensions are in millimeters (mm)

ClearVue TYPICAL END PLATE DETAIL WITH SADDLE BRACKET

320 Rosedale Road, Albany, Auckland, New Zealand
PO Box 101 851 NSMC, New Zealand

Note: Details may be subject to change without notification

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F.09 415 2809
www.psp.co.nz

ClearVue roofing system to be installed and fixed to suitable structural support, complying with relevant clauses of the NZBC and the New Zealand Building Act.

Scale: 1 : 5 @ A4

Date: 27/05/14

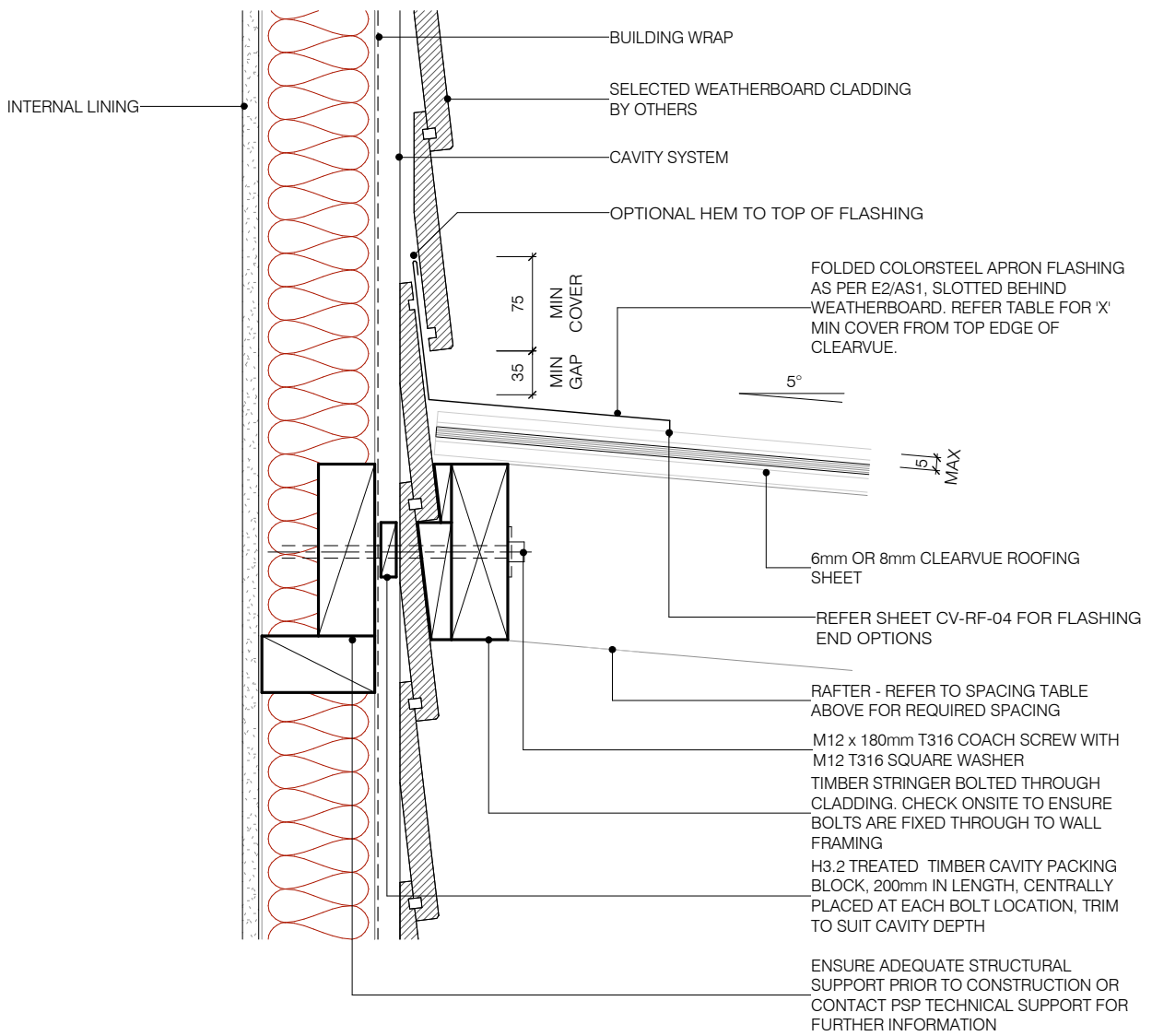
Dwg: **CV-RF-31**

**FLASHING WIDTH TABLE - 'X' mm
(BASED ON TABLE 7, E2/AS1, 24 DECEMBER 2011)**

SITUATION 1:	LOW, MEDIUM OR HIGH WIND ZONES, WHERE ROOF PITCH IS GREATER THAN OR EQUAL TO 5°.		
SITUATION 2:	ALL ROOF PITCHES IN VERY HIGH WIND ZONES. VERY HIGH WIND ZONE WHERE ROOF PITCH IS LESSER THAN OR EQUAL TO 5°.		
SITUATION 3:	ALL ROOF PITCHES IN EXTRA HIGH WIND ZONES.		
	SITUATION 1 (MINIMUM)	SITUATION 2 (MINIMUM)	SITUATION 3 (MINIMUM)
TRANSVERSE FLASHING	130	200	200

PSP - ALUMINIUM & TIMBER RAFTER SPACING TABLE

SHEET THICKNESS	6mm SHEET	8mm SHEET
ALUMINIUM RAFTER SPACING	600 crs	750 crs



NOTE: Recommended roof pitch 5°. Minimum roof pitch of 3°, consult your PSP agent for suitable applications.

NOTE: All dimensions are in millimeters (mm)

**ClearVue
APRON DETAIL -
WEATHERBOARD (CAVITY)**

320 Rosedale Road, Albany, Auckland, New Zealand
PO Box 101 851 NSMC, New Zealand
Note: Details may be subject to change without notification

T.09 415 2800
F.09 415 2809
www.psp.co.nz

ClearVue roofing system to be installed and fixed to suitable structural support, complying with relevant clauses of the NZBC and the New Zealand Building Act.

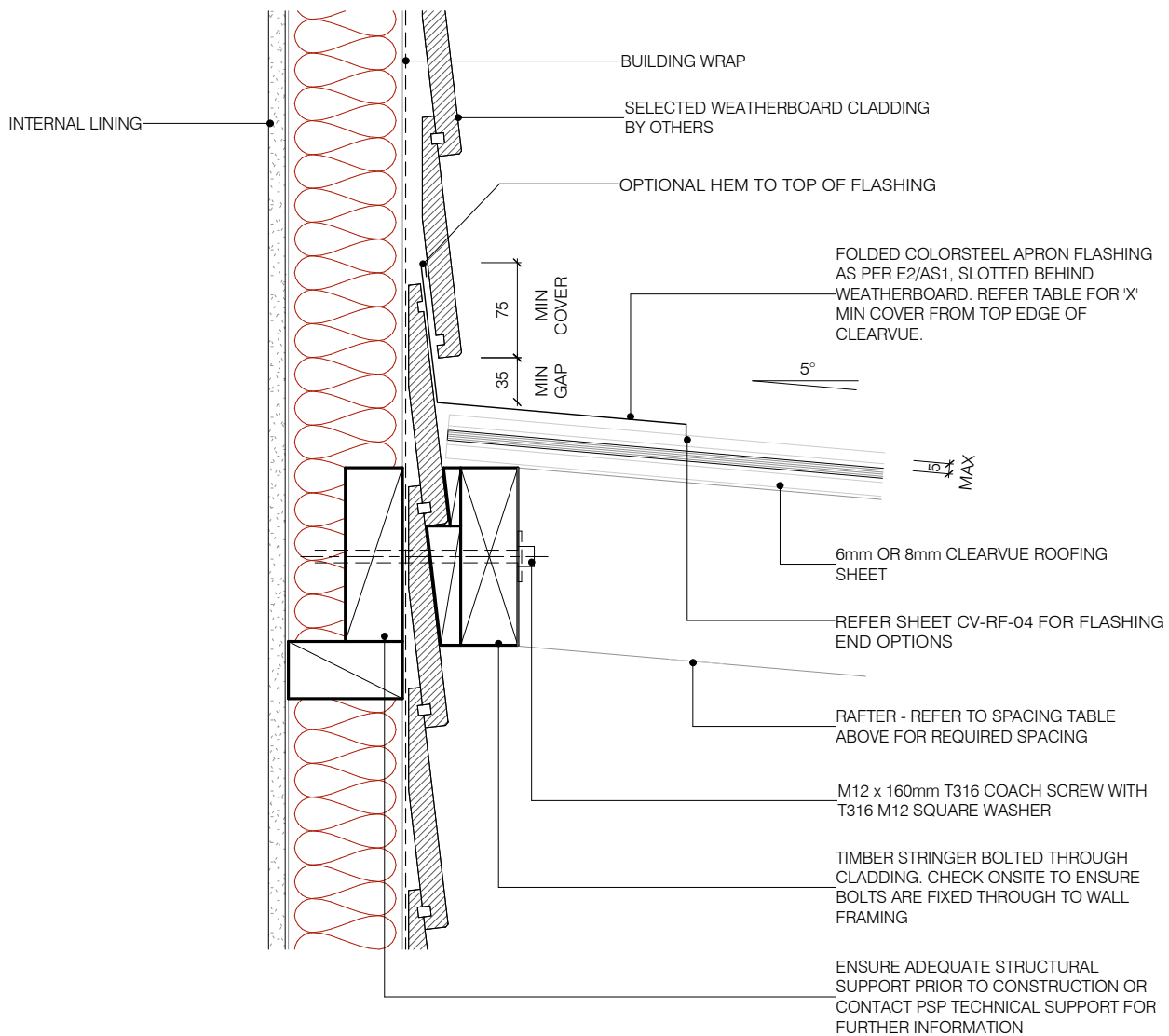
Scale: 1 : 5 @ A4
Date: 27/05/14
Dwg: **CV-WB-01**

**FLASHING WIDTH TABLE - 'X' mm
(BASED ON TABLE 7, E2/AS1, 24 DECEMBER 2011)**

SITUATION 1:	LOW, MEDIUM OR HIGH WIND ZONES, WHERE ROOF PITCH IS GREATER THAN OR EQUAL TO 5°.		
SITUATION 2:	ALL ROOF PITCHES IN VERY HIGH WIND ZONES. VERY HIGH WIND ZONE WHERE ROOF PITCH IS LESSER THAN OR EQUAL TO 5°.		
SITUATION 3:	ALL ROOF PITCHES IN EXTRA HIGH WIND ZONES.		
	SITUATION 1 (MINIMUM)	SITUATION 2 (MINIMUM)	SITUATION 3 (MINIMUM)
TRANSVERSE FLASHING	130	200	200

PSP - ALUMINIUM & TIMBER RAFTER SPACING TABLE

SHEET THICKNESS	6mm SHEET	8mm SHEET
ALUMINIUM RAFTER SPACING	600 crs	750 crs



NOTE: Recommended roof pitch 5°. Minimum roof pitch of 3°, consult your PSP agent for suitable applications.

NOTE: All dimensions are in millimeters (mm)

**ClearVue
APRON DETAIL -
WEATHERBOARD (DIRECT FIX)**

320 Rosedale Road, Albany, Auckland, New Zealand
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Note: Details may be subject to change without notification

T.09 415 2800
F.09 415 2809
www.psp.co.nz

ClearVue roofing system to be installed and fixed to suitable structural support, complying with relevant clauses of the NZBC and the New Zealand Building Act.

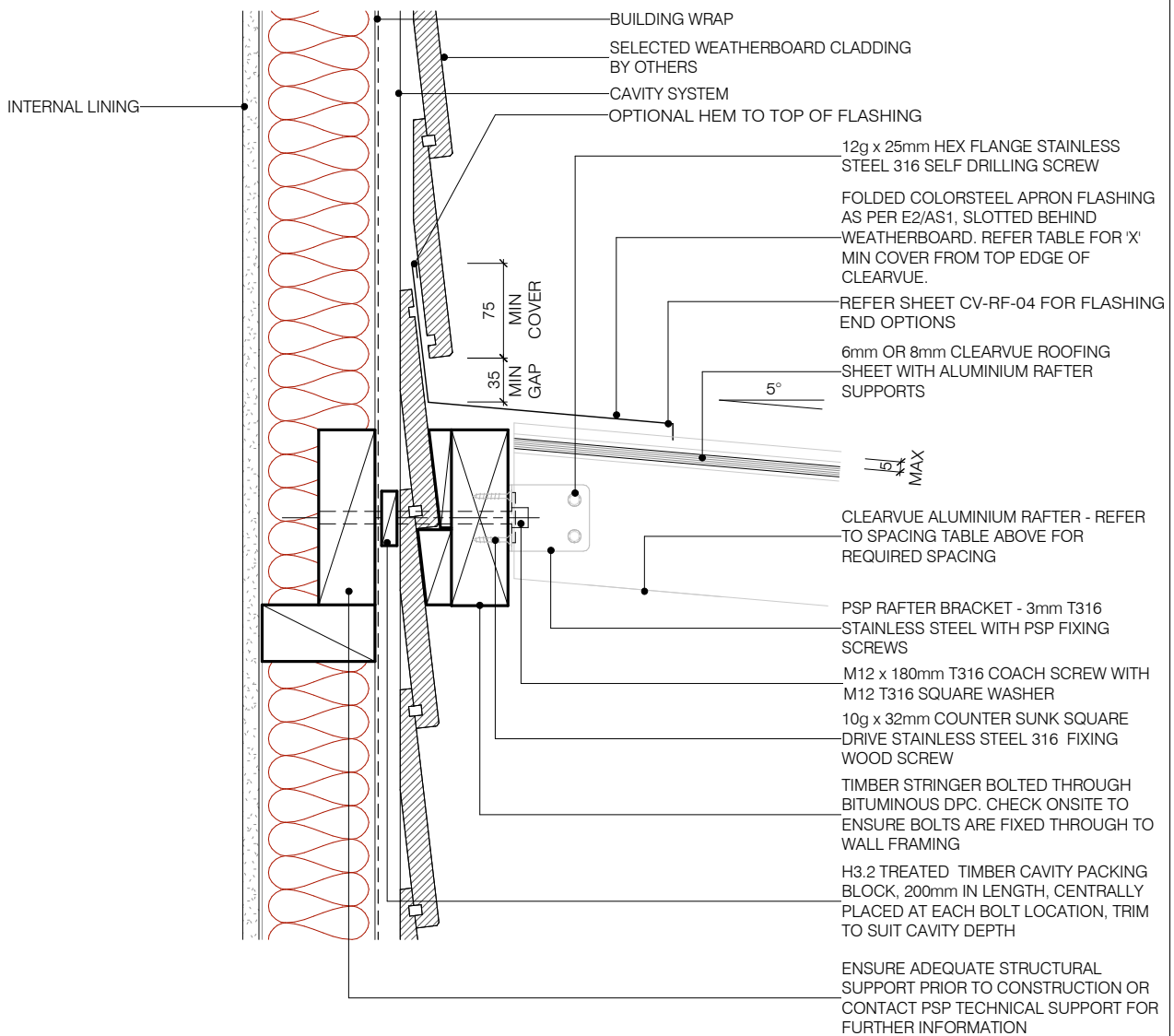
Scale: 1 : 5 @ A4

Date: 27/05/14

Dwg: **CV-WB-02**

FLASHING WIDTH TABLE - "X"mm (BASED ON TABLE 7, E2/AS1, 24 DECEMBER 2011)			
SITUATION 1:	LOW, MEDIUM OR HIGH WIND ZONES, WHERE ROOF PITCH IS GREATER THAN OR EQUAL TO 5°.		
SITUATION 2:	ALL ROOF PITCHES IN VERY HIGH WIND ZONES. VERY HIGH WIND ZONE WHERE ROOF PITCH IS LESSER THAN OR EQUAL TO 5°.		
SITUATION 3:	ALL ROOF PITCHES IN EXTRA HIGH WIND ZONES.		
	SITUATION 1 (MINIMUM)	SITUATION 2 (MINIMUM)	SITUATION 3 (MINIMUM)
TRANSVERSE FLASHING	130	200	200

PSP - ALUMINIUM & TIMBER RAFTER SPACING TABLE		
SHEET THICKNESS	6mm SHEET	8mm SHEET
ALUMINIUM RAFTER SPACING	600 crs	750 crs



NOTE: Recommended roof pitch 5°. Minimum roof pitch of 3°, consult your PSP agent for suitable applications.

NOTE: All dimensions are in millimeters (mm)

ClearVue APRON DETAIL - SADDLE BRACKET - WEATHERBOARD (CAVITY)

320 Rosedale Road, Albany, Auckland, New Zealand
PO Box 101 851 NSMC, New Zealand
Note: Details may be subject to change without notification

T.09 415 2800
F.09 415 2809
www.psp.co.nz

ClearVue roofing system to be installed and fixed to suitable structural support, complying with relevant clauses of the NZBC and the New Zealand Building Act.

Scale: 1 : 5 @ A4

Date: 27/05/14

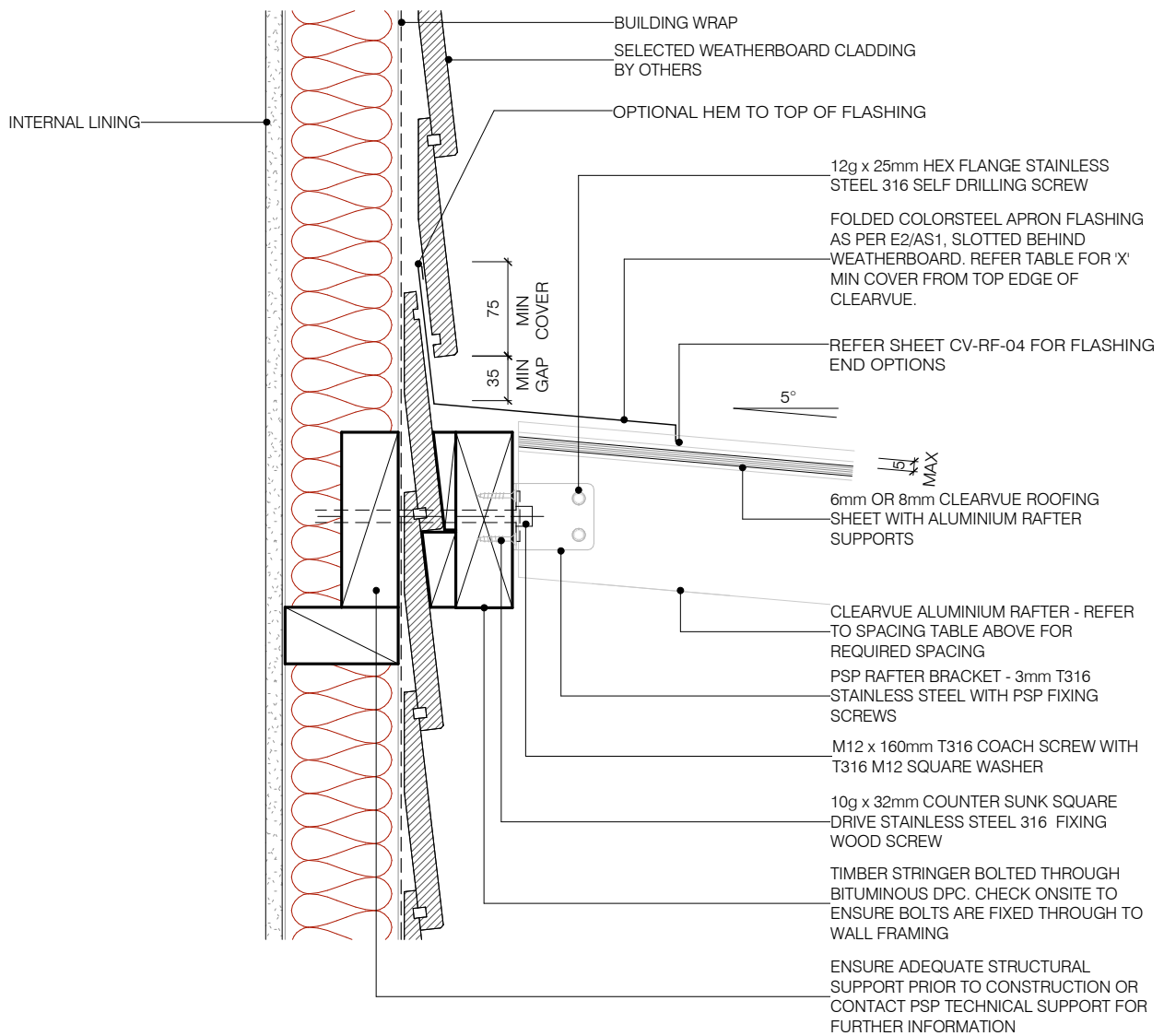
Dwg: **CV-WB-03**

FLASHING WIDTH TABLE - 'X'mm
(BASED ON TABLE 7, E2/AS1, 24 DECEMBER 2011)

SITUATION 1:	LOW, MEDIUM OR HIGH WIND ZONES, WHERE ROOF PITCH IS GREATER THAN OR EQUAL TO 5°.		
SITUATION 2:	ALL ROOF PITCHES IN VERY HIGH WIND ZONES. VERY HIGH WIND ZONE WHERE ROOF PITCH IS LESSER THAN OR EQUAL TO 5°.		
SITUATION 3:	ALL ROOF PITCHES IN EXTRA HIGH WIND ZONES.		
	SITUATION 1 (MINIMUM)	SITUATION 2 (MINIMUM)	SITUATION 3 (MINIMUM)
TRANSVERSE FLASHING	130	200	200

PSP - ALUMINIUM & TIMBER RAFTER SPACING TABLE

SHEET THICKNESS	6mm SHEET	8mm SHEET
ALUMINIUM RAFTER SPACING	600 crs	750 crs



NOTE: Recommended roof pitch 5°. Minimum roof pitch of 3°, consult your PSP agent for suitable applications.

NOTE: All dimensions are in millimeters (mm)

ClearVue
APRON DETAIL - SADDLE BRACKET - WEATHERBOARD (DIRECT FIX)

320 Rosedale Road, Albany, Auckland, New Zealand
PO Box 101 851 NSMC, New Zealand
Note: Details may be subject to change without notification

T.09 415 2800
F.09 415 2809
www.psp.co.nz

ClearVue roofing system to be installed and fixed to suitable structural support, complying with relevant clauses of the NZBC and the New Zealand Building Act.

Scale: 1 : 5 @ A4

Date: 27/05/14

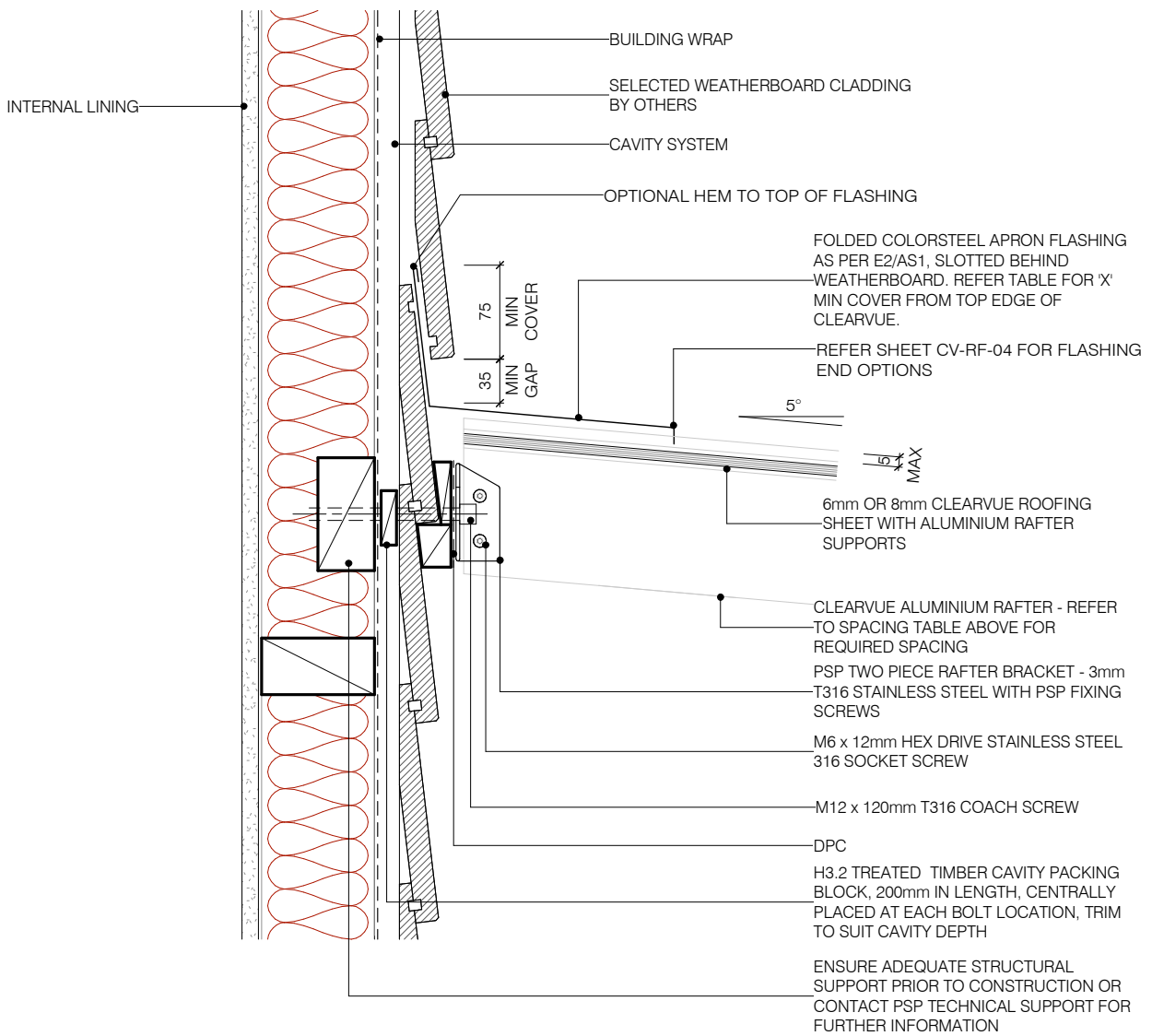
Dwg: **CV-WB-04**

**FLASHING WIDTH TABLE - 'X' mm
(BASED ON TABLE 7, E2/AS1, 24 DECEMBER 2011)**

SITUATION 1:	LOW, MEDIUM OR HIGH WIND ZONES, WHERE ROOF PITCH IS GREATER THAN OR EQUAL TO 5°.		
SITUATION 2:	ALL ROOF PITCHES IN VERY HIGH WIND ZONES. VERY HIGH WIND ZONE WHERE ROOF PITCH IS LESSER THAN OR EQUAL TO 5°.		
SITUATION 3:	ALL ROOF PITCHES IN EXTRA HIGH WIND ZONES.		
	SITUATION 1 (MINIMUM)	SITUATION 2 (MINIMUM)	SITUATION 3 (MINIMUM)
TRANSVERSE FLASHING	130	200	200

PSP - ALUMINIUM & TIMBER RAFTER SPACING TABLE

SHEET THICKNESS	6mm SHEET	8mm SHEET
ALUMINIUM RAFTER SPACING	600 crs	750 crs



NOTE: Recommended roof pitch 5°. Minimum roof pitch of 3°, consult your PSP agent for suitable applications.

NOTE: All dimensions are in millimeters (mm)

**ClearVue
APRON DETAIL - STEEL PLATE -
WEATHERBOARD (CAVITY)**

320 Rosedale Road, Albany, Auckland, New Zealand
PO Box 101 851 NSMC, New Zealand
Note: Details may be subject to change without notification

T.09 415 2800
F.09 415 2809
www.psp.co.nz

ClearVue roofing system to be installed and fixed to suitable structural support, complying with relevant clauses of the NZBC and the New Zealand Building Act.

Scale: 1 : 5 @ A4

Date: 27/05/14

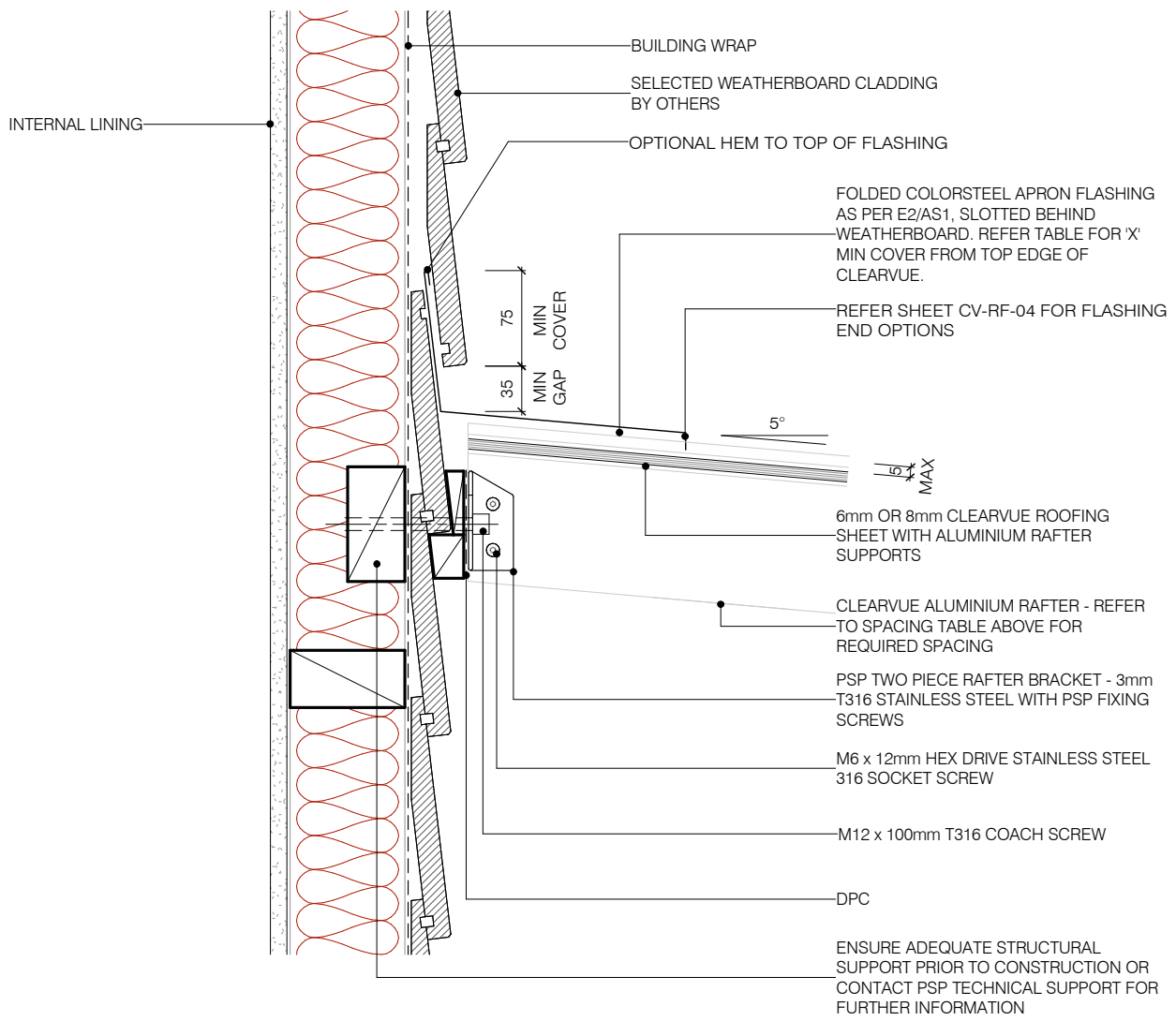
Dwg: **CV-WB-05**

**FLASHING WIDTH TABLE - "X"mm
(BASED ON TABLE 7, E2/AS1, 24 DECEMBER 2011)**

SITUATION 1:	LOW, MEDIUM OR HIGH WIND ZONES, WHERE ROOF PITCH IS GREATER THAN OR EQUAL TO 5°.		
SITUATION 2:	ALL ROOF PITCHES IN VERY HIGH WIND ZONES. VERY HIGH WIND ZONE WHERE ROOF PITCH IS LESSER THAN OR EQUAL TO 5°.		
SITUATION 3:	ALL ROOF PITCHES IN EXTRA HIGH WIND ZONES.		
	SITUATION 1 (MINIMUM)	SITUATION 2 (MINIMUM)	SITUATION 3 (MINIMUM)
TRANSVERSE FLASHING	130	200	200

PSP - ALUMINIUM & TIMBER RAFTER SPACING TABLE

SHEET THICKNESS	6mm SHEET	8mm SHEET
ALUMINIUM RAFTER SPACING	600 crs	750 crs



NOTE: Recommended roof pitch 5°. Minimum roof pitch of 3°, consult your PSP agent for suitable applications.

NOTE: All dimensions are in millimeters (mm)

**ClearVue
APRON DETAIL - STEEL PLATE -
WEATHERBOARD (DIRECT FIX)**

320 Rosedale Road, Albany, Auckland, New Zealand
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T.09 415 2800
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www.psp.co.nz

ClearVue roofing system to be installed and fixed to suitable structural support, complying with relevant clauses of the NZBC and the New Zealand Building Act.

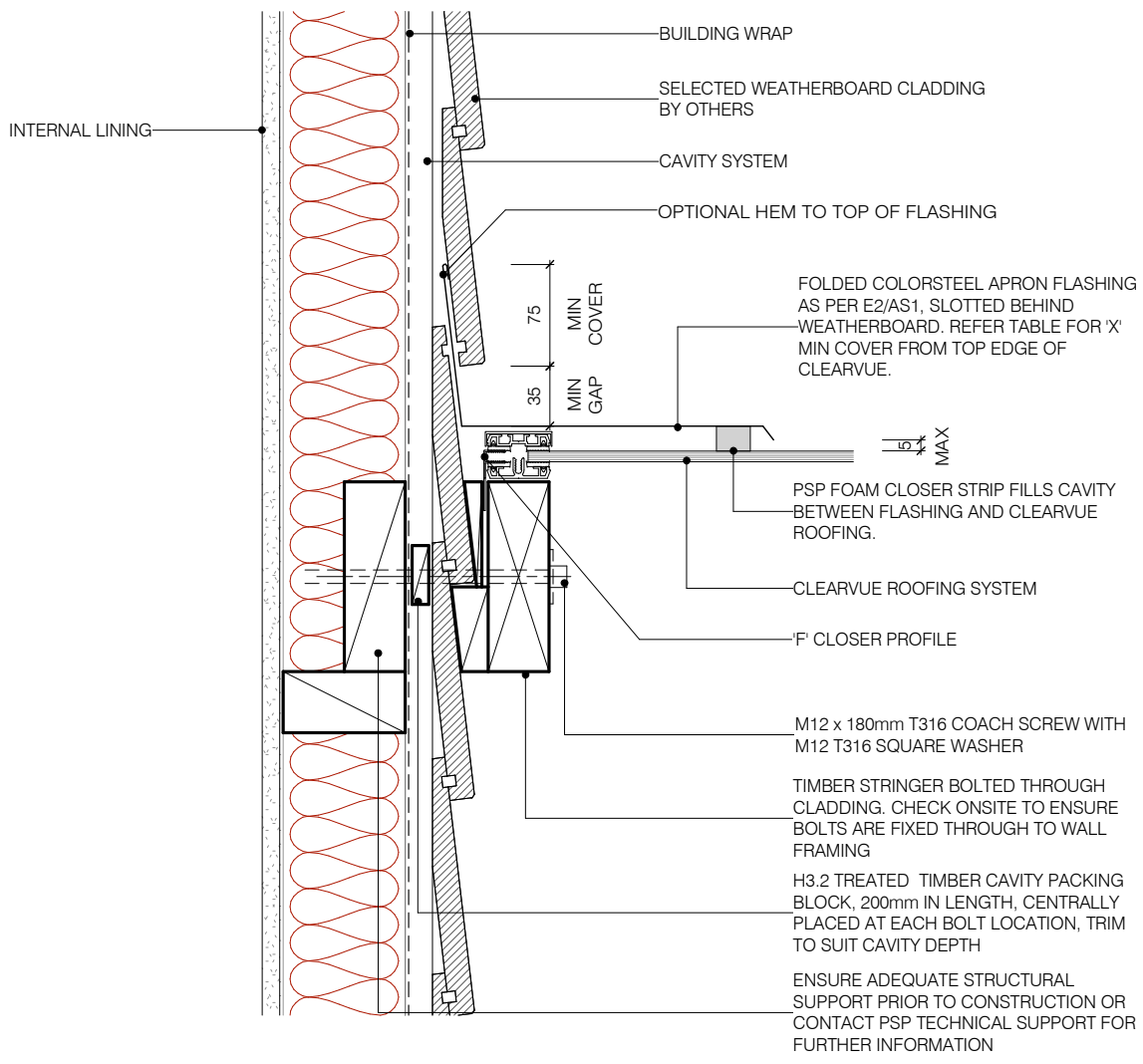
Scale: 1 : 5 @ A4
Date: 27/05/14
Dwg: **CV-WB-06**

**FLASHING WIDTH TABLE - 'X' mm
(BASED ON TABLE 7, E2/AS1, 24 DECEMBER 2011)**

SITUATION 1:	LOW, MEDIUM OR HIGH WIND ZONES, WHERE ROOF PITCH IS GREATER THAN OR EQUAL TO 5°.		
SITUATION 2:	ALL ROOF PITCHES IN VERY HIGH WIND ZONES. VERY HIGH WIND ZONE WHERE ROOF PITCH IS LESSER THAN OR EQUAL TO 5°.		
SITUATION 3:	ALL ROOF PITCHES IN EXTRA HIGH WIND ZONES.		
	SITUATION 1 (MINIMUM)	SITUATION 2 (MINIMUM)	SITUATION 3 (MINIMUM)
TRANSVERSE FLASHING	130	200	200

PSP - ALUMINIUM & TIMBER RAFTER SPACING TABLE

SHEET THICKNESS	6mm SHEET	8mm SHEET
ALUMINIUM RAFTER SPACING	600 crs	750 crs



NOTE: Recommended roof pitch 5°. Minimum roof pitch of 3°, consult your PSP agent for suitable applications.

NOTE: All dimensions are in millimeters (mm)

**ClearVue
BARGE DETAIL -
WEATHERBOARD (CAVITY)**

320 Rosedale Road, Albany, Auckland, New Zealand
PO Box 101 851 NSMC, New Zealand
Note: Details may be subject to change without notification

T.09 415 2800
F.09 415 2809
www.psp.co.nz

ClearVue roofing system to be installed and fixed to suitable structural support, complying with relevant clauses of the NZBC and the New Zealand Building Act.

Scale: 1 : 5 @ A4

Date: 27/05/14

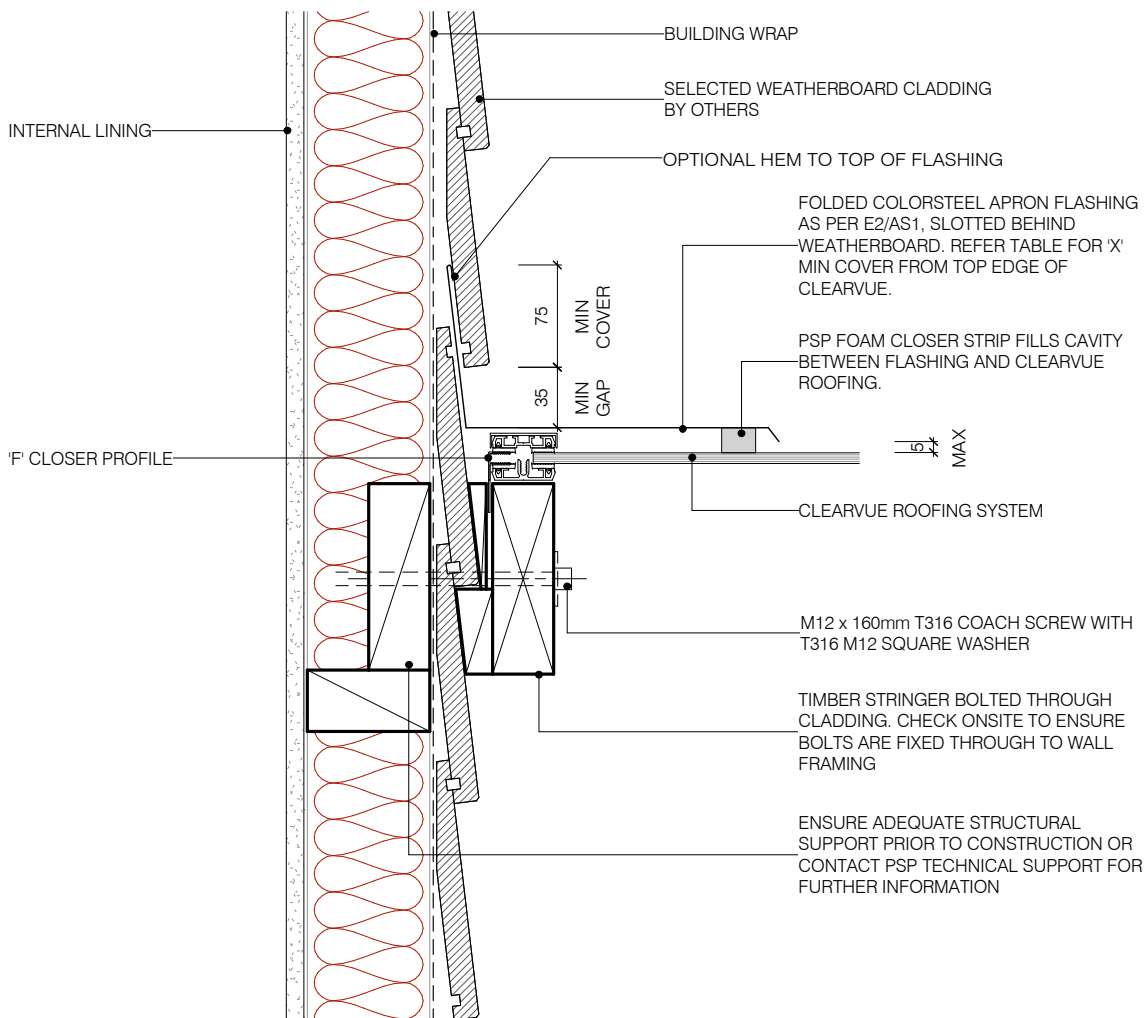
Dwg: **CV-WB-10**

FLASHING WIDTH TABLE - 'X'mm
(BASED ON TABLE 7, E2/AS1, 24 DECEMBER 2011)

SITUATION 1:	LOW, MEDIUM OR HIGH WIND ZONES, WHERE ROOF PITCH IS GREATER THAN OR EQUAL TO 5°.		
SITUATION 2:	ALL ROOF PITCHES IN VERY HIGH WIND ZONES. VERY HIGH WIND ZONE WHERE ROOF PITCH IS LESSER THAN OR EQUAL TO 5°.		
SITUATION 3:	ALL ROOF PITCHES IN EXTRA HIGH WIND ZONES.		
	SITUATION 1 (MINIMUM)	SITUATION 2 (MINIMUM)	SITUATION 3 (MINIMUM)
TRANSVERSE FLASHING	130	200	200

PSP - ALUMINIUM & TIMBER RAFTER SPACING TABLE

SHEET THICKNESS	6mm SHEET	8mm SHEET
ALUMINIUM RAFTER SPACING	600 crs	750 crs



NOTE: Recommended roof pitch 5°. Minimum roof pitch of 3°, consult your PSP agent for suitable applications.

NOTE: All dimensions are in millimeters (mm)

ClearVue
BARGE DETAIL -
WEATHERBOARD (DIRECT FIX)

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www.psp.co.nz

ClearVue roofing system to be installed and fixed to suitable structural support, complying with relevant clauses of the NZBC and the New Zealand Building Act.

Scale: 1 : 5 @ A4

Date: 27/05/14

Dwg: **CV-WB-11**

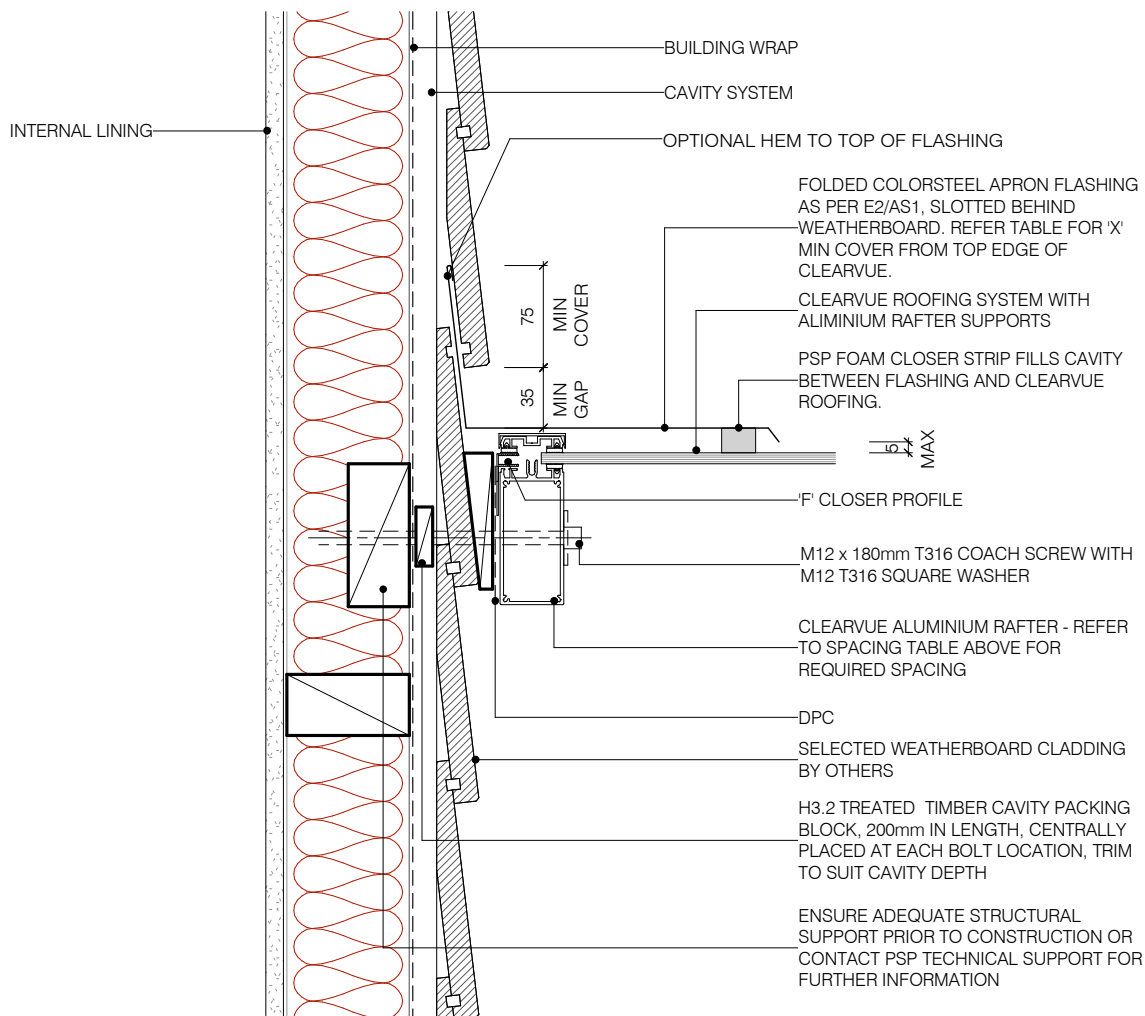
ClearVue Roofing System Technical Details

FLASHING WIDTH TABLE - 'X'mm
(BASED ON TABLE 7, E2/AS1, 24 DECEMBER 2011)

SITUATION 1:	LOW, MEDIUM OR HIGH WIND ZONES, WHERE ROOF PITCH IS GREATER THAN OR EQUAL TO 5°.		
SITUATION 2:	ALL ROOF PITCHES IN VERY HIGH WIND ZONES. VERY HIGH WIND ZONE WHERE ROOF PITCH IS LESSER THAN OR EQUAL TO 5°.		
SITUATION 3:	ALL ROOF PITCHES IN EXTRA HIGH WIND ZONES.		
	SITUATION 1 (MINIMUM)	SITUATION 2 (MINIMUM)	SITUATION 3 (MINIMUM)
TRANSVERSE FLASHING	130	200	200

PSP - ALUMINIUM & TIMBER RAFTER SPACING TABLE

SHEET THICKNESS	6mm SHEET	8mm SHEET
ALUMINIUM RAFTER SPACING	600 crs	750 crs



NOTE: Recommended roof pitch 5°. Minimum roof pitch of 3°, consult your PSP agent for suitable applications.

NOTE: All dimensions are in millimeters (mm)

ClearVue
BARGE DETAIL - WITH ALUMINIUM RAFTER WEATHERBOARD (CAVITY)

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Scale: 1 : 5 @ A4

Date: 27/05/14

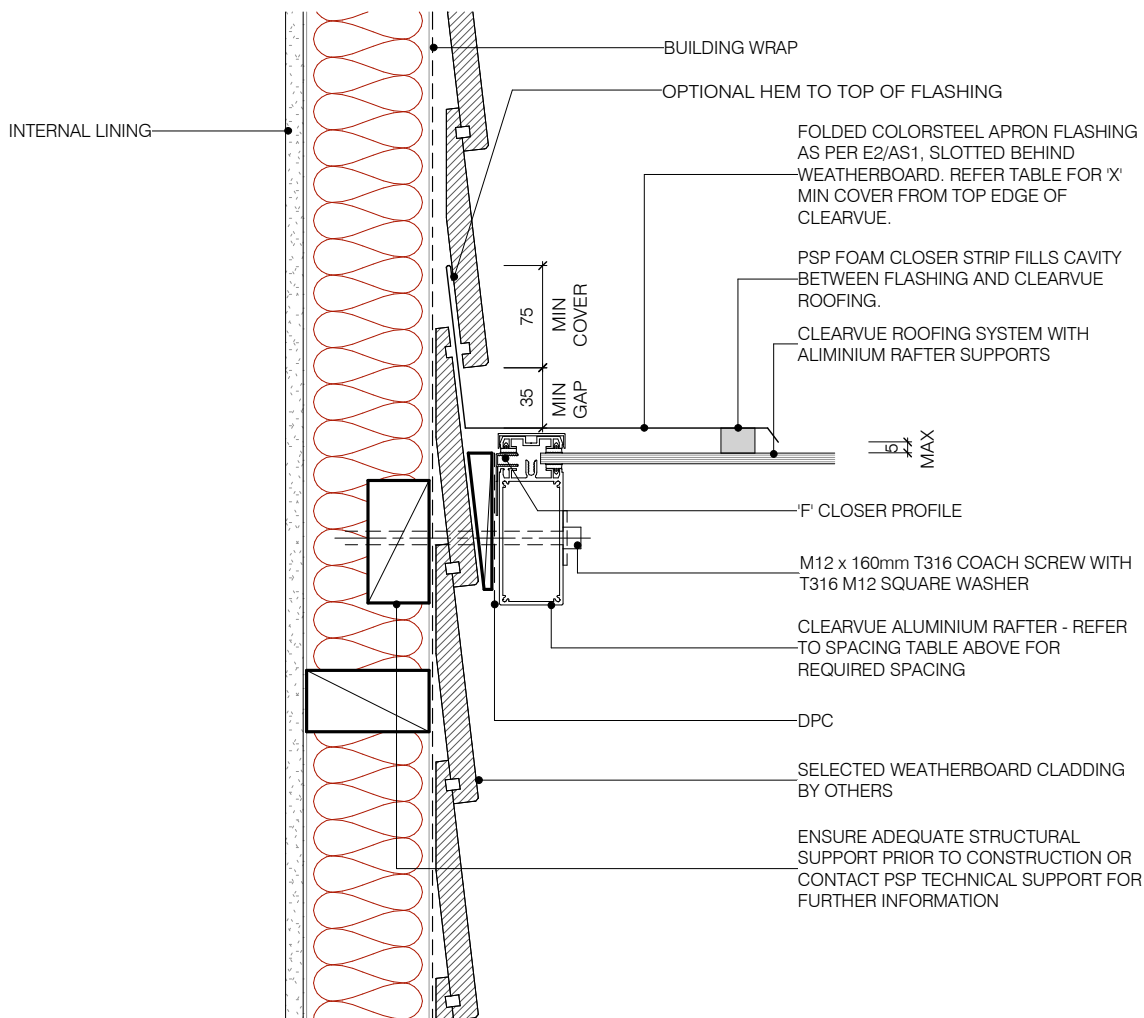
Dwg: **CV-WB-12**

FLASHING WIDTH TABLE - 'X'mm
(BASED ON TABLE 7, E2/AS1, 24 DECEMBER 2011)

SITUATION 1:	LOW, MEDIUM OR HIGH WIND ZONES, WHERE ROOF PITCH IS GREATER THAN OR EQUAL TO 5°.		
SITUATION 2:	ALL ROOF PITCHES IN VERY HIGH WIND ZONES. VERY HIGH WIND ZONE WHERE ROOF PITCH IS LESSER THAN OR EQUAL TO 5°.		
SITUATION 3:	ALL ROOF PITCHES IN EXTRA HIGH WIND ZONES.		
	SITUATION 1 (MINIMUM)	SITUATION 2 (MINIMUM)	SITUATION 3 (MINIMUM)
TRANSVERSE FLASHING	130	200	200

PSP - ALUMINIUM & TIMBER RAFTER SPACING TABLE

SHEET THICKNESS	6mm SHEET	8mm SHEET
ALUMINIUM RAFTER SPACING	600 crs	750 crs



NOTE: Recommended roof pitch 5°. Minimum roof pitch of 3°, consult your PSP agent for suitable applications.

NOTE: All dimensions are in millimeters (mm)

ClearVue BARGE DETAIL - WITH ALUMINIUM RAFTER WEATHERBOARD (DIRECT FIX)

320 Rosedale Road, Albany, Auckland, New Zealand
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Note: Details may be subject to change without notification

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Scale: 1 : 5 @ A4

Date: 27/05/14

Dwg: **CV-WB-13**



BRANZ Appraised
Appraisal No.877 [2014]

BRANZ Appraisals

Technical Assessments of products
for building and construction

**BRANZ
APPRAISAL
No. 877 (2014)**

**CLEARVUE ROOFING
SYSTEM**

PSP Limited
PO Box 101 851,
NSMC

Tel: 09 415 2800
Fax: 09 415 2809
Web: www.psp.co.nz



BRANZ
BRANZ Limited
Private Bag 50 908
Porirua City
New Zealand
Tel: +64 4 237 1170
Fax: +64 4 237 1171
www.branz.co.nz



Product

1.1 The ClearVue Roofing System is an exterior roofing system for use as porches or verandas over decks or patios or free standing, clear roofing structures.



Scope

2.1 The ClearVue Roofing System is for the construction of open-sided, porch or veranda-type roof structures attached to buildings that are Risk Group SH as defined by NZBC Acceptable Solution C/AS1 and other attached or detached roof structures not subject to fire Group Number requirements.

2.2 The ClearVue Roofing System is designed for use in NZS 3604 Wind Zones up to and including Extra High, and with a minimum roof pitch of 3° and maximum roof pitch of 30°.

Building Regulations

New Zealand Building Code (NZBC)

3.1 In the opinion of BRANZ, the ClearVue Roofing System if designed, installed, used and maintained in accordance with the statements and conditions of this Appraisal will meet the following provisions of the NZBC:

Clause B1 STRUCTURE: Performance B1.3.3, B1.3.2 and B1.3.4 for the relevant physical conditions of B1.3.3 being self-weight, snow, wind, and impact [i.e. B1.3.3 (a), (g), (h), and (j)]. The ClearVue Roofing System meets these requirements. See paragraphs 8.1 - 8.5.

Clause B2 DURABILITY: Performance B2.3.1 (b) 15 years. The ClearVue Roofing System meets these requirements. See paragraph 9.1.

Clause F2 HAZARDOUS BUILDING MATERIALS: Performance F2.3.1. The ClearVue Roofing System meets this requirement and will not present a health hazard to people.

3.2 This is an Appraisal of an **Alternative Solution** in terms of New Zealand Building Code compliance.

Readers are advised to check the validity of this Appraisal by referring to the Valid Appraisals listing on the BRANZ website, or by contacting BRANZ.

Technical Specification

4.1 Components of the ClearVue Roofing System are supplied by PSP Limited include:

- ClearVue Sheets - The sizes given below are stocked as standard lengths, however lengths up to 6 m are available on indent.
 - 6 mm thick acrylic panels, clear or grey in colour with dimensions of either 3700 mm x 586 mm or 5100 mm x 586 mm.
 - 8 mm thick acrylic panels, clear or grey in colour with dimensions of either 3700 mm x 736 mm or 5100 mm x 736 mm.
- Aluminium Extrusions - The sizes given below are stocked as standard lengths, however lengths up to 6 m are available on indent.
 - ClearVue Glazing Bottom Rail - in 3.7 m and 5.1 m lengths.
 - ClearVue Glazing Cover Rail - in 3.7 m and 5.1 m lengths.
 - ClearVue Glazing Middle Rail - in 3.7 m and 5.1 m lengths.
 - ClearVue F Profile - for 6 mm thick panels in 3.7 m and 5.1 m lengths.
 - ClearVue F Profile - for 8 mm thick panels in 3.7 m and 5.1 m lengths.
 - ClearVue Span Bar - in 3.7 m and 5.1 m lengths.
- Aluminium Components
 - ClearVue Glazing Spanbar End Cap - for 6 mm and 8 mm thick panels.
 - ClearVue Glazing Spanbar Bottom Split End Cap.
 - ClearVue Glazing Spanbar Top Split End Cap - for 6 mm thick panels.
 - ClearVue Glazing Spanbar Top Split End Cap - for 8 mm thick panels.
 - ClearVue Glazing End Cap - for 6 mm thick panels.
 - ClearVue Glazing End Cap - for 8 mm thick panels.
- Other Components
 - ClearVue Glazing Gasket - in 15 m and 21 m lengths.
 - ClearVue Span Bar U Bracket - 3 mm thick, grade 316 stainless steel.
 - ClearVue Span Bar Rafter Angle Bracket - 3 mm thick, grade 316 stainless steel.
 - ClearVue Foam Flashing Tape - 20 mm x 15 mm white, self-adhesive foam tape.
 - Butyl Rubber Tape.
 - Assorted grade 316 stainless steel fixings.

4.2 Components of the ClearVue Roofing System supplied by others are:

- Flashings
 - Flashings are folded from aluminium or galvanised steel. Refer to NZS 3604, Section 4 and NZBC Acceptable Solution E2/AS1, Table 20 for material selection durability requirements if not otherwise specified.

Packaging, Handling and Storage

5.1 Prior to installation the ClearVue sheets should be covered and stored horizontally on a flat surface. Stacking the panels vertically is not recommended. Other components of the system should be stored in a clean, dry area until installation.

Technical Literature

6.1 Refer to the Appraisals listing on the BRANZ website for details of the current Technical Literature for the ClearVue Roofing System. The Technical Literature must be read in conjunction with this Appraisal. All aspects of design, installation, use and maintenance contained within the Technical Literature and within the scope of this Appraisal must be followed.

Design Information

General

7.1 The ClearVue Roofing System can be constructed with either 6 mm thick or 8 mm thick sheets. The 6 mm thick sheets are for use with a maximum ClearVue Glazing Rail or Spanbar spacing of 600 mm, and the 8 mm sheets with a maximum spacing of 750 mm.

7.2 The minimum roof slope for the ClearVue Roofing System is 3°, and the maximum roof pitch is 30°.

7.3 There are three methods of installing the system. Option one is to use the ClearVue Spanbar, which is an aluminium rafter extrusion with an integrated clamping rail for the ClearVue Sheets. Option two is to use ClearVue Glazing Rails installed on top of, and parallel with, timber rafters. Option three is to use ClearVue Glazing Rails installed on top of, and perpendicular to, timber purlins. Option three allows for the rafter spacing beneath the purlins to be different to the spacing of the ClearVue Glazing Rails.

7.4 Timber members used in the construction of the ClearVue Roofing System must be minimum H3.2 treated timber. ClearVue aluminium extrusions must be separated from treated timber by the butyl rubber tape or with a DPC.

7.5 Flashing profiles and intersection details must be to a specific weathertightness design where not detailed in the Technical Literature.

Structure

8.1 Tables 1, 2 and 3 are span tables giving the maximum allowable spans for the different configurations of the ClearVue Roofing System. They include spans for NZS 3604 Wind Zones up to and including Extra High, and snow loading up to 1.0 kPa.

8.2 In Tables 2 and 3 the purlins are 90 x 45 mm, MSG 8 on their flat. The fixing of the purlins to the rafters is one 14 g self-drilling type 17 screw 100 mm long. These fixings must meet the durability requirements of NZS 3604 Section 4.

8.3 The Spanbar brackets have been assessed as suitable for use up to the spans and in the Wind Zones given in Table 1, below.

8.4 Timber rafters may be connected to supporting framing using the connection details given in NZS 3604 Table 10.1 for rafters with the same loaded dimension.

8.5 Connection to the building and any additional structure required to support the ClearVue Roofing System should be in accordance with NZS 3604 or may require specific structural engineering design. This is outside the scope of this Appraisal.

Impact Resistance

8.5 The ClearVue sheets have adequate resistance to impact.

ClearVue Roofing System BRANZ Appraisal

Table 1: Maximum Allowable Spans - Rafter Configurations

Rafter Type	Acrylic Thickness (mm)	Max Rafter Spacing (mm)	Maximum Span (m) Wind Zone from NZS 3604:2011				
			Extra High	Very High	High	Medium	Low
Aluminium Span Bar	6.0	600	4.5	4.9	5.6	6.0	6.0
Aluminium Span Bar	8.0	750	4.0	4.4	5.0	5.4	5.4
90 x 45 Timber MSG 8	6.0	600	1.9	2.1	2.4	2.6	2.6
90 x 45 Timber MSG 8	8.0	750	1.7	1.9	2.1	2.3	2.3
140 x 45 Timber MSG 8	6.0	600	3.0	3.3	3.7	4.0	4.0
140 x 45 Timber MSG 8	8.0	750	2.6	2.9	3.3	3.6	3.6
190 x 45 Timber MSG 8	6.0	600	4.0	4.4	5.0	5.4	5.4
190 x 45 Timber MSG 8	8.0	750	3.6	3.9	4.5	4.8	4.8
240 x 45 Timber MSG 8	6.0	600	5.1	5.6	6.3	6.8	6.8
240 x 45 Timber MSG 8	8.0	750	4.5	5.0	5.7	6.1	6.1

Table 2: Maximum Allowable Spans - Rafter and Purlin Configurations with 6 mm ClearVue Sheet

Rafter Type	Max Rafter Spacing (mm)	Maximum Rafter Span and Purlin Spacing (m) Wind Zone from NZS 3604:2011					
		Extra High	Very High	High	Medium	Low	
140 x 45 Timber MSG 8	600	Max Rafter Span (m)	3.0	3.3	3.7	4.0	4.0
		Max Purlin Spacing (m)	1.0	1.2	1.3	1.4	1.4
190 x 45 Timber MSG 8	600	Max Rafter Span (m)	4.0	4.4	5.0	5.4	5.4
		Max Purlin Spacing (m)	1.0	1.2	1.3	1.4	1.4
240 x 45 Timber MSG 8	600	Max Rafter Span (m)	5.1	5.6	6.3	6.8	6.8
		Max Purlin Spacing (m)	1.0	1.2	1.3	1.4	1.4
140 x 45 Timber MSG 8	750	Max Rafter Span (m)	2.6	2.9	3.3	3.6	3.6
		Max Purlin Spacing (m)	1.0	1.2	1.3	1.4	1.4
190 x 45 Timber MSG 8	750	Max Rafter Span (m)	3.6	3.9	4.5	4.8	4.8
		Max Purlin Spacing (m)	1.0	1.2	1.3	1.4	1.4
240 x 45 Timber MSG 8	750	Max Rafter Span (m)	4.5	5.0	5.7	6.1	6.1
		Max Purlin Spacing (m)	1.0	1.2	1.3	1.4	1.4
140 x 45 Timber MSG 8	900	Max Rafter Span (m)	2.4	2.7	3.0	3.3	3.3
		Max Purlin Spacing (m)	1.0	1.2	1.3	1.4	1.4
190 x 45 Timber MSG 8	900	Max Rafter Span (m)	3.3	3.6	4.1	4.4	4.4
		Max Purlin Spacing (m)	1.0	1.2	1.3	1.4	1.4
240 x 45 Timber MSG 8	900	Max Rafter Span (m)	4.1	4.6	5.2	5.6	5.6
		Max Purlin Spacing (m)	1.0	1.2	1.3	1.4	1.4

ClearVue Roofing System BRANZ Appraisal

Table 3: Maximum Allowable Spans - Rafter and Purlin Configurations with 8 mm ClearVue Sheet

Rafter Type	Max Rafter Spacing (mm)	Maximum Rafter Span and Purlin Spacing (m) Wind Zone from NZS 3604:2011					
		Extra High	Very High	High	Medium	Low	
140 x 45 Timber MSG 8	600	Max Rafter Span (m)	3.0	3.3	3.7	4.0	4.0
		Max Purlin Spacing (m)	0.8	1.0	1.3	1.4	1.4
190 x 45 Timber MSG 8	600	Max Rafter Span (m)	4.0	4.4	5.0	5.4	5.4
		Max Purlin Spacing (m)	0.8	1.0	1.3	1.4	1.4
240 x 45 Timber MSG 8	600	Max Rafter Span (m)	5.1	5.6	6.3	6.8	6.8
		Max Purlin Spacing (m)	0.8	1.0	1.3	1.4	1.4
140 x 45 Timber MSG 8	750	Max Rafter Span (m)	2.6	2.9	3.3	3.6	3.6
		Max Purlin Spacing (m)	0.8	1.0	1.3	1.4	1.4
190 x 45 Timber MSG 8	750	Max Rafter Span (m)	3.6	3.9	4.5	4.8	4.8
		Max Purlin Spacing (m)	0.8	1.0	1.3	1.4	1.4
240 x 45 Timber MSG 8	750	Max Rafter Span (m)	4.5	5.0	5.7	6.1	6.1
		Max Purlin Spacing (m)	0.8	1.0	1.3	1.4	1.4
140 x 45 Timber MSG 8	900	Max Rafter Span (m)	2.4	2.7	3.0	3.3	3.3
		Max Purlin Spacing (m)	0.8	1.0	1.3	1.4	1.4
190 x 45 Timber MSG 8	900	Max Rafter Span (m)	3.3	3.6	4.1	4.4	4.4
		Max Purlin Spacing (m)	0.8	1.0	1.3	1.4	1.4
240 x 45 Timber MSG 8	900	Max Rafter Span (m)	4.1	4.6	5.2	5.6	5.6
		Max Purlin Spacing (m)	0.8	1.0	1.3	1.4	1.4

Durability

9.1 The components of the ClearVue Roofing System are expected to have a serviceable life of at least 15 years provided they are designed, used, installed and maintained in accordance with this Appraisal and the Technical Literature.

Maintenance

10.1 The ClearVue Roofing System will not normally require maintenance. However, if damage occurs to any of the components of the system then replacement can be simply carried out to ensure the ongoing integrity. Dirt, lichen, moss and other such material should be cleaned from the roofing.

10.2 Precautions, when maintenance is being carried out, should be in accordance with the relevant Health and Safety requirements.

Prevention of Fire Occurring

11.1 Separation or protection must be provided to the ClearVue Roofing System from heat sources such as fire places, heating appliances, flues and chimneys. Part 7 of NZBC Acceptable Solution C/AS1 and NZBC Verification Method C/VM1 provide methods for separation and protection of combustible materials from heat sources.

External Moisture

12.1 The ClearVue Roofing System is for use over open areas. There is no weathertightness requirement for such roof systems but the ClearVue Roofing System provides an adequate weathertightness seal at glazing supports.

12.2 The weathertightness of structural connections to the building shall be in accordance with NZBC Acceptable Solution E2/AS1 paragraph 7.2.2. A weathertight seal of the roofing to the building should be made. Where flashings that flash under (behind) the wall cladding are used they shall be in accordance with NZBC Acceptable Solution E2/AS1 for the connection to the building. Other details are the responsibility of the designer. PSP provide details for the connection of the flashing to the roofing system.

Water Supplies

13.1 The ClearVue Roofing System has not been assessed for roofs used for the collection of potable water.

Installation Information

Installation Skill Level Requirement

14.1 Installation of the ClearVue Roofing System can be carried out by any competent building contractor or home handyman.

Roof Installation

15.1 The ClearVue Roofing System must be installed in accordance with the Technical Literature.

15.2 ClearVue sheets will expand and contract up to 5 mm per metre depending on the temperature. This must be allowed for when calculating the panel length.

Health and Safety

16.1 Care should be taken as different components of the ClearVue Roofing System may have sharp edges, especially if they have been cut. Suitable precautions should also be taken if working at heights, working with treated timber, or working with power tools.

16.2 At all times reliance must never be placed on the ClearVue sheets supporting loads generated by workers on a roof. These loads must always be supported with planks and the like and directly transferred to the supporting purlins, rafters and structure.

Basis of Appraisal

The following is a summary of the technical investigations carried out.

Tests

17.1 Structural testing of the ClearVue Roofing System was carried out by BRANZ to determine the wind face loading, span properties and impact resistance of the system.

Other BRANZ Investigations

18.1 Structural and Durability assessments have been provided by BRANZ technical experts.

18.2 Observations have been made by BRANZ to assess the practicability of installation, and to examine completed installations.

18.3 The Technical Literature has been examined by BRANZ and found to be satisfactory.

Quality

19.1 The manufacture of the components of the ClearVue Roofing System has not been examined by BRANZ, but details regarding the quality and composition of the materials used were obtained by BRANZ and found to be satisfactory. BRANZ undertakes an ongoing review of product quality on an inwards goods basis.

19.2 The quality of the components of the ClearVue Roofing System supplied is the responsibility of PSP Limited.

19.3 Architect/designers are responsible for the design of the ClearVue Roofing System.

19.4 The roof installer is responsible for the quality of construction of the ClearVue Roofing System in accordance with the Technical Literature.

19.5 Building owners are responsible for the maintenance of the ClearVue Roofing System.

Sources of Information

- NZS 3604:2011 Timber-framed buildings.
- Acceptable Solutions and Verification Methods for New Zealand Building Code Clause E2 External Moisture, Ministry of Business, Innovation and Employment, Third Edition, February 2005 (Amendment 6, 14 February 2014).
- Ministry of Business, Innovation and Employment Record of Amendments for Compliance Documents and Handbooks.
- The Building Regulations 1992.



BRANZ

In the opinion of BRANZ, **ClearVue Roofing System** is fit for purpose and will comply with the Building Code to the extent specified in this Appraisal provided it is used, designed, installed and maintained as set out in this Appraisal. The Appraisal is issued only to **PSP Limited**, and is valid until further notice, subject to the Conditions of Appraisal.

Conditions of Appraisal

1. This Appraisal:
 - a) relates only to the product as described herein;
 - b) must be read, considered and used in full together with the technical literature;
 - c) does not address any Legislation, Regulations, Codes or Standards, not specifically named herein;
 - d) is copyright of BRANZ.
2. PSP Limited:
 - a) continues to have the product reviewed by BRANZ;
 - b) shall notify BRANZ of any changes in product specification or quality assurance measures prior to the product being marketed;
 - c) abides by the BRANZ Appraisals Services Terms and Conditions.
 - d) Warrants that the product and the manufacturing process for the product are maintained at or above the standards, levels and quality assessed and found satisfactory by BRANZ pursuant to BRANZ's Appraisal of the product.
3. BRANZ makes no representation or warranty as to:
 - a) the nature of individual examples of, batches of, or individual installations of the product, including methods and workmanship;
 - b) the presence or absence of any patent or similar rights subsisting in the product or any other product;
 - c) any guarantee or warranty offered by PSP Limited.
4. Any reference in this Appraisal to any other publication shall be read as a reference to the version of the publication specified in this Appraisal.
5. BRANZ provides no certification, guarantee, indemnity or warranty, to PSP Limited or any third party.

For BRANZ

C Percy
Chief Executive

Date of issue: 21 November 2014

Warranty

PSP Limited warrants that the ClearVue Roofing System will remain free of defects in material and manufacture for a period of 15 years from the date of purchase.

In the event of any failure of the Product caused by the direct result of a defect in the material or manufacture of the Product, PSP Limited will at its option replace or repair, supply an equivalent product, or pay for doing one of these.

The warranty does not apply where the Product has been used in a manner not in accordance with the Manufacturer's instructions, nor the reuse of the Product after it has been installed. The installation and maintenance must be done in accordance with the latest version of the Technical Manual, which can be found on the PSP Limited website, or by contacting 0800 786 883. Where any components or parts of the system have been substituted, the warranty may not apply. The project must be designed and built in accordance with all relevant provisions of the New Zealand Building Code, regulations and standards.

Any products used in conjunction with or applied to the ClearVue Roofing System must be used in accordance with the manufacturers' instructions or permission and good trade practice. PSP Limited will need to be satisfied that any defect in the ClearVue Roofing System is attributable to material or manufacture defects and not any other cause before any warranty can be claimed.

To the extent allowable, PSP Limited excludes all liability for loss and damage (including consequential loss) in connection with the Product. PSP Limited will not be liable for any claims, damages or defects arising from or in any way attributable to poor workmanship, poor design or detailing, settlement or structural movement and/or movement of materials to which the Product is attached, incorrect design of the structure, high levels of pollution, acts of God including but not limited to earthquakes, cyclones, floods or other severe weather conditions, or normal wear and tear.

Subject to the limitations in the Commerce Act 1986, the Fair Trading Act 1986, the Consumer Guarantees Act 1993 and any other applicable legislation, PSP Limited excludes all other warranties, guarantees and remedies with regard to the Product including all implied warranties and guarantees.

Notification of any warranty claim must be made to PSP Limited within 30 days of the defect becoming apparent. Failure to allow PSP Limited to examine an alleged faulty Product may result in the voiding of the warranty. The warranty is non-transferable.

To make a claim under this warranty, you must contact PSP Limited on 0800 786 883 or info@psp.co.nz. All related costs of claiming the warranty will be borne by the claimant. PSP Limited may request written documentation in support of the warranty claim.