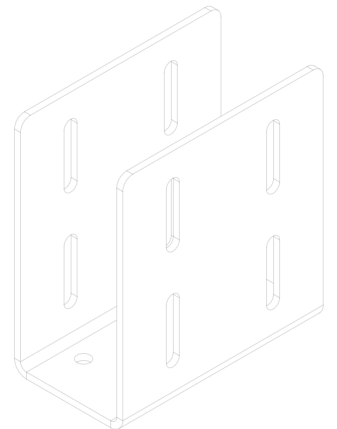


UNIVERSAL GLAZING SYSTEMS



**TYPICAL INSTALLATION DETAILS
FOR
F150 GLAZING BAR
F150 GLAZING BOX**



Drawing List

Drawing No:	Drawing Name:	Revision:	Rev. Date:
UGS A001	Drawing List		
UGS A002	Drawing List		
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UGS A201	Component Part - F150 Glazing Box		
UGS A202	Component Part - F150 Hanger Bracket		
UGS A203	Component Part - F150 Internal Bracket		
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UGS A205	Component Part - F150 Saddle Bracket, 75mm		
UGS A206	Component Part - F150 Saddle Bracket, 50mm		
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UGS BM-02	Parallel Apron - Block Masonry (F150 G/Bar)		
UGS BM-03	Transverse Apron - Block Masonry (F150 G/Box)		
UGS BM-04	Parallel Apron - Block Masonry (F150 G/Box)		
UGS BM-05	Transverse Apron - Block Masonry (F150 G/Box)		
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UGS BV-02	Parallel Apron - Brick Veneer (F150 G/Bar)		
UGS BV-03	Transverse Apron - Brick Veneer (F150 G/Box)		
UGS BV-04	Parallel Apron - Brick Veneer (F150 G/Box)		
UGS BV-05	Transverse Apron - Brick Veneer (F150 G/Box)		
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UGS FS-03	Transverse Apron - Fibre Cement Sheet, Cavity (F150 G/Box)		
UGS FS-04	Parallel Apron - Fibre Cement Sheet, Cavity (F150 G/Box)		
UGS FS-05	Transverse Apron - Fibre Cement Sheet, Cavity (F150 G/Box)		
UGS FS-06	Transverse Apron - Fibre Cement Sheet, Direct Fix (F150 G/Bar)		
UGS FS-07	Parallel Apron - Fibre Cement Sheet, Direct Fix (F150 G/Bar)		
UGS FS-08	Transverse Apron - Fibre Cement Sheet, Direct Fix (F150 G/Box)		
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UGS RV-04	Roof Valley Gutter Detail - (F150 G/Box) w/ internal bracket		

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ISSUE	DATE	REVISION
DRAWING NAME: Drawing List		
DATE :	26-Jan-23	
SCALE @ A4:	N/A	
DWG:	A001	
REVISION		

General Notes: 1 - All dimensions are in millimeters.(mm) 2 - Liaise with engineer where required.
3 - All structural supports required to support system are to comply with NZBC and New Zealand Building Act.

Drawing List

Drawing No:	Drawing Name:	Revision:	Rev. Date:
UGS	WB-00		Bevel-Back Weatherboard Details
UGS	WBC-01		Transverse Apron - BB Weatherbds, Cavity (F150 G/Bar) Retro
UGS	WBC-02		Parallel Apron - BB Weatherbds, Cavity (F150 G/Bar) Retro
UGS	WBC-03		Transverse Apron - BB Weatherbds, Cavity (F150 G/Box) Retro
UGS	WBC-04		Parallel Apron - BB Weatherbds, Cavity (F150 G/Box) Retro
UGS	WBC-05		Transverse Apron - BB Weatherbds, Cavity (F150 G/Box) Retro
UGS	WBC-06		Transverse Apron - BB Weatherbds, Cavity (F150 G/Bar) New
UGS	WBC-07		Parallel Apron - BB Weatherbds, Cavity (F150 G/Bar) New
UGS	WBC-08		Transverse Apron - BB Weatherbds, Cavity (F150 G/Box) New
UGS	WBC-09		Parallel Apron - BB Weatherbds, Cavity (F150 G/Box) New
UGS	WBC-10		Transverse Apron - BB Weatherbds, Cavity (F150 G/Box) New
UGS	WBD-01		Transverse Apron - BB Weatherbds, Direct Fix (F150 G/Bar) Retro
UGS	WBD-02		Parallel Apron - BB Weatherbds, Direct Fix (F150 G/Bar) Retro
UGS	WBD-03		Transverse Apron - BB Weatherbds, Direct Fix (F150 G/Box) Retro
UGS	WBD-04		Parallel Apron - BB Weatherbds, Direct Fix (F150 G/Box) Retro
UGS	WBD-05		Transverse Apron - BB Weatherbds, Direct Fix (F150 G/Box) Retro
UGS	WBD-06		Transverse Apron - BB Weatherbds, Direct Fix (F150 G/Bar) New
UGS	WBD-07		Parallel Apron - BB Weatherbds, Direct Fix (F150 G/Bar) New
UGS	WBD-08		Transverse Apron - BB Weatherbds, Direct Fix (F150 G/Box) New
UGS	WBD-09		Parallel Apron - BB Weatherbds, Direct Fix (F150 G/Box) New
UGS	WBD-10		Transverse Apron - BB Weatherbds, Direct Fix (F150 G/Box) New

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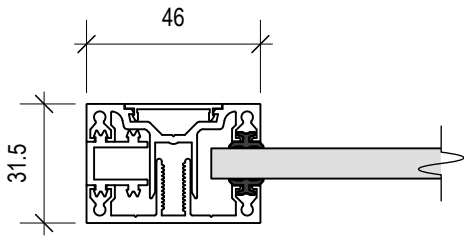
**UNIVERSAL
GLAZING SYSTEMS**

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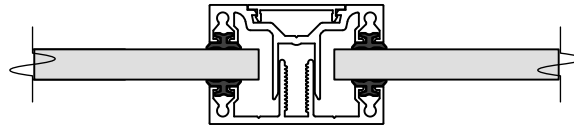
t: 021 2209517
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ISSUE	DATE	REVISION
DRAWING NAME: Drawing List		
DATE :	26-Jan-23	
SCALE @ A4:	N/A	
DWG:	A002	
REVISION		

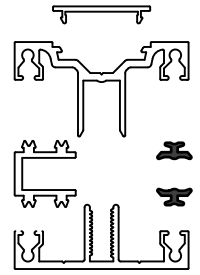
General Notes: 1 - All dimensions are in millimeters.(mm) 2 - Liaise with engineer where required.
3 - All structural supports required to support system are to comply with NZBC and New Zealand Building Act.



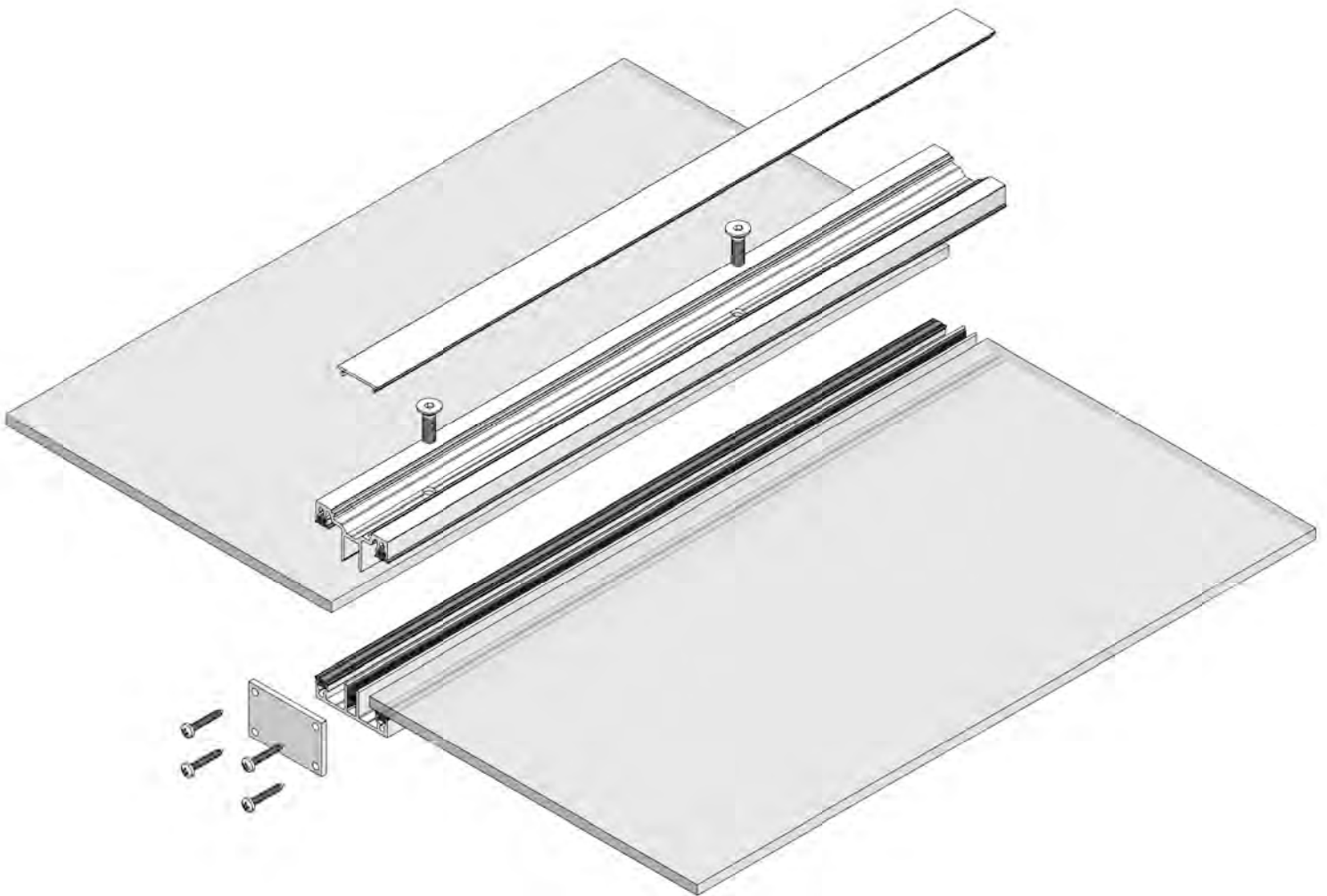
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INTERMEDIATE SECTION



EXPLODED VIEW



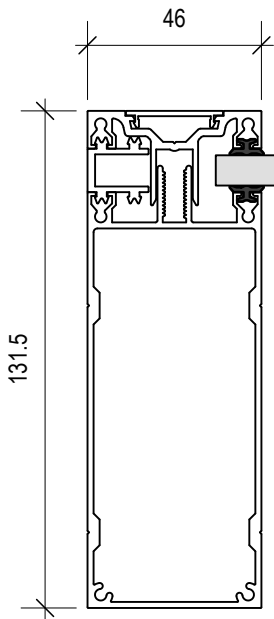
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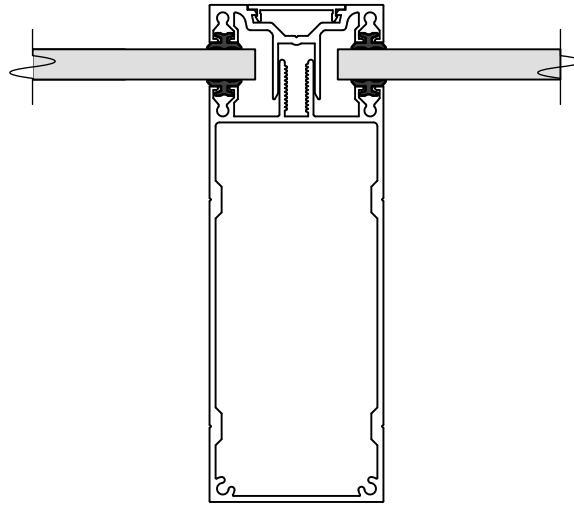
ISSUE	DATE	REVISION
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Component Part - F150 Glazing Bar		DATE : 14-Dec-22
		SCALE @ A4: 1:2
		DWG: A200
REVISION		

General Notes: 1 - All dimensions are in millimeters.(mm) 2 - Liaise with engineer where required.
3 - All structural supports required to support system are to comply with NZBC and New Zealand Building Act.

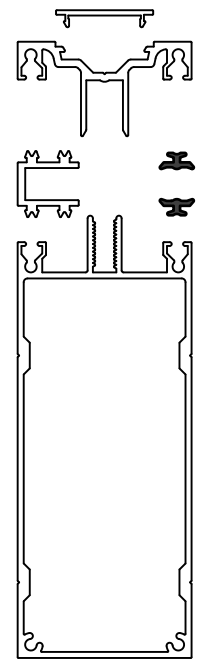
ISSUED - 26-JAN-23



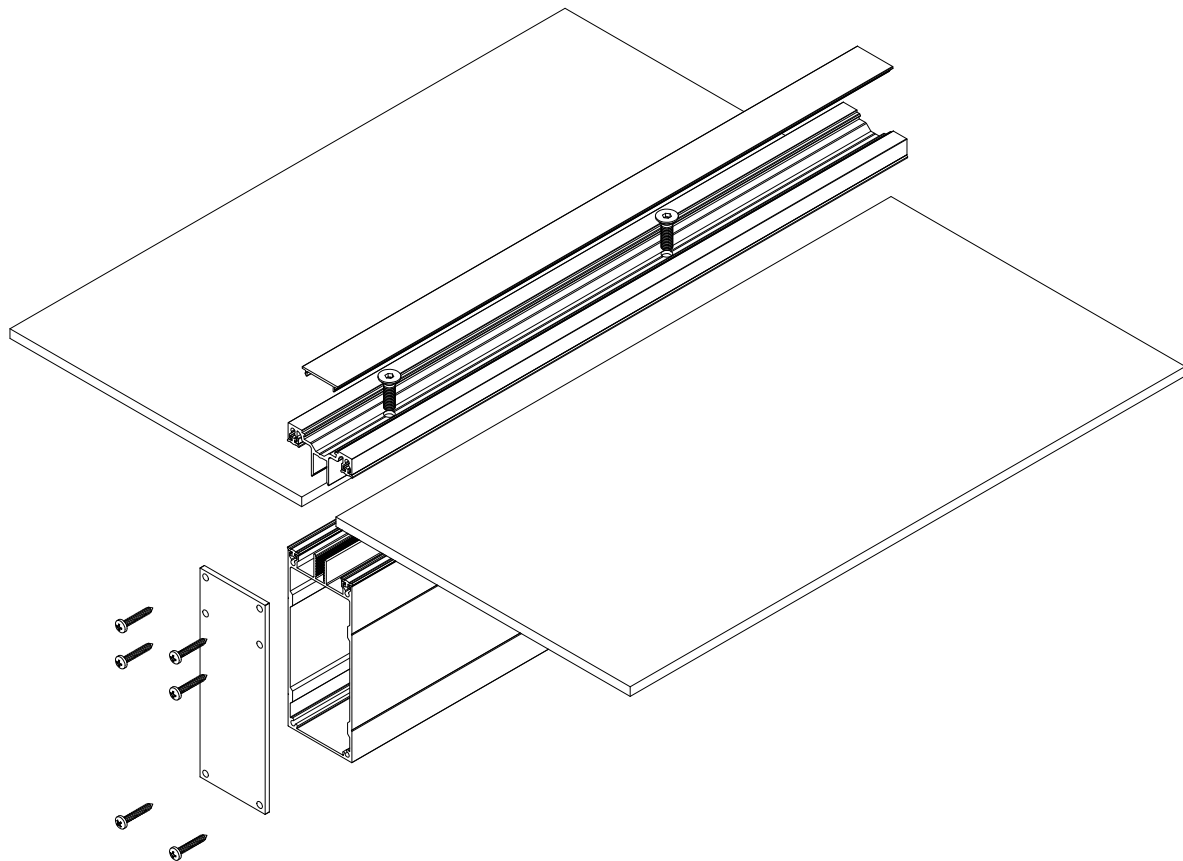
END SECTION



INTERMEDIATE SECTION



EXPLODED VIEW



**UNIVERSAL
GLAZING SYSTEMS**

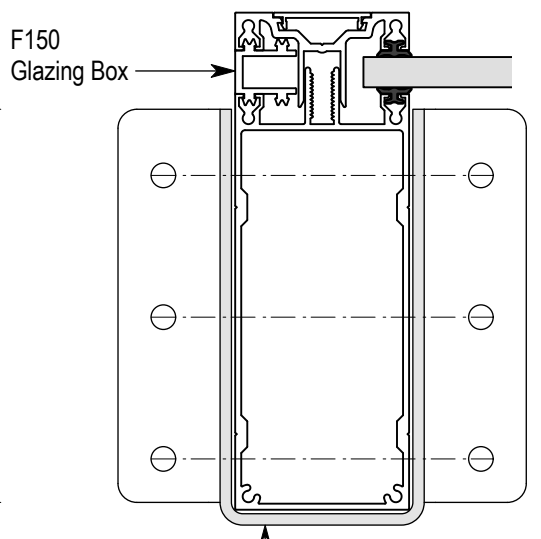
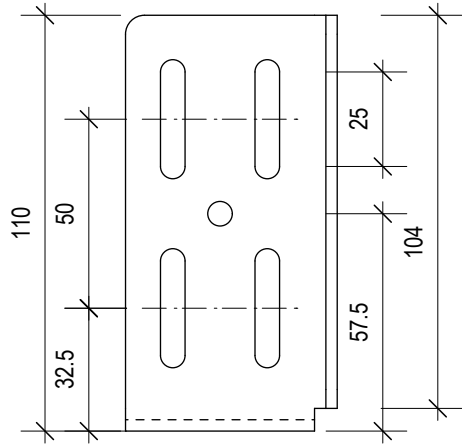
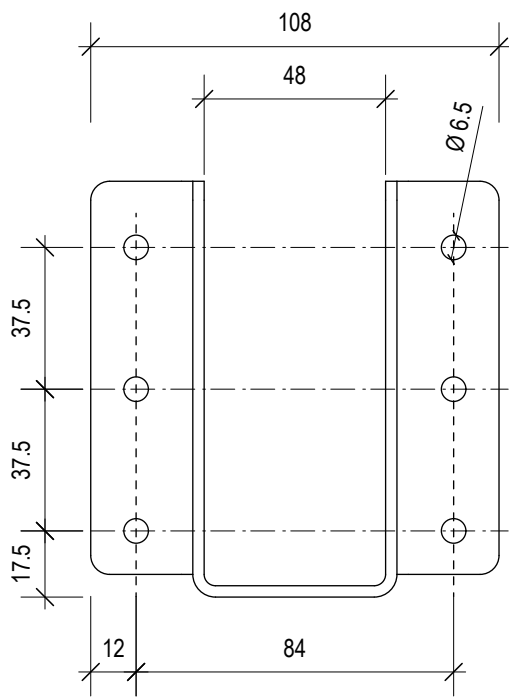
29 Grivelle Street, Kumeu,
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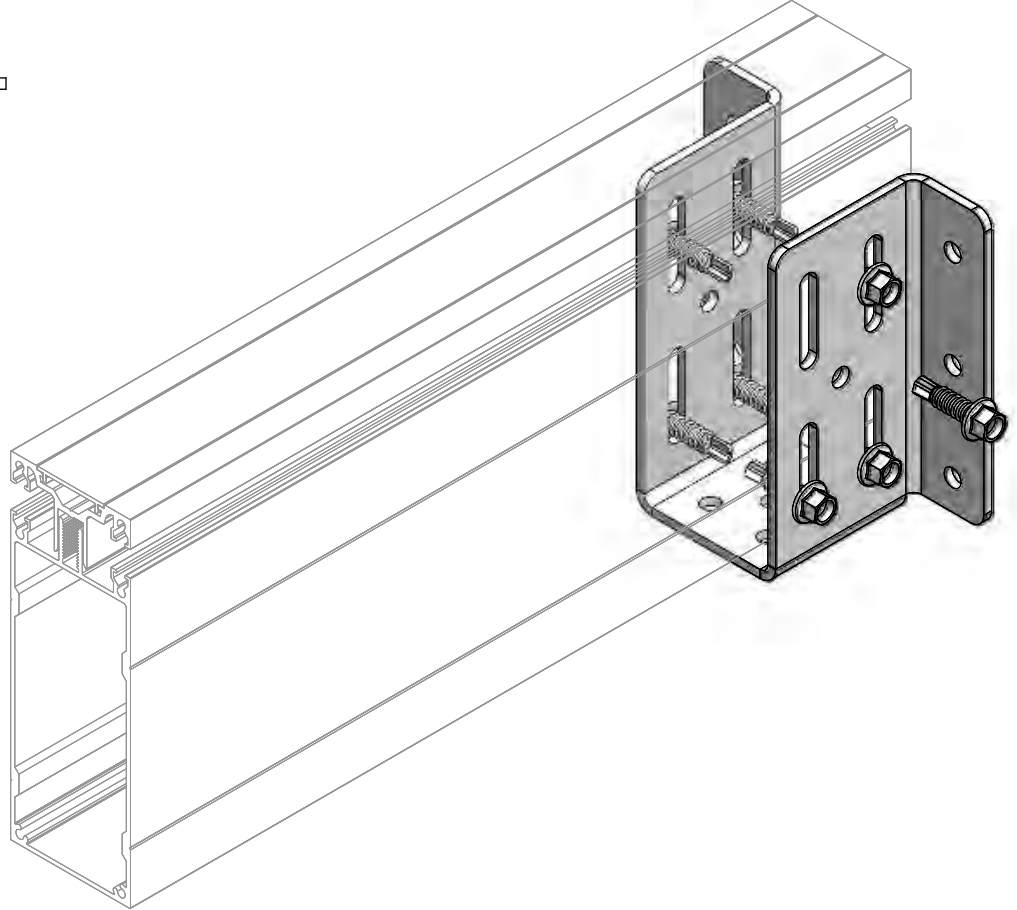
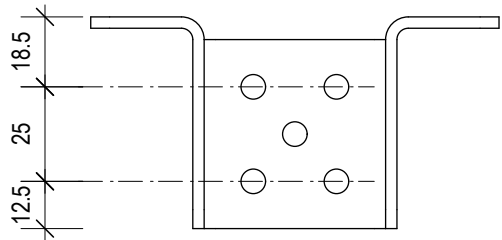
ISSUE	DATE	REVISION
DRAWING NAME:		
Component Part - F150 Glazing Box		DATE : 14-Dec-22
		SCALE @ A4: 1:2
		DWG: A201
REVISION		

General Notes: 1 - All dimensions are in millimeters.(mm) 2 - Liaise with engineer where required.
3 - All structural supports required to support system are to comply with NZBC and New Zealand Building Act.

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End View Section



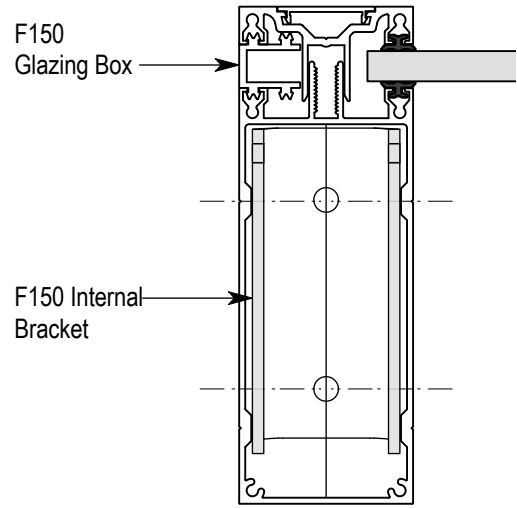
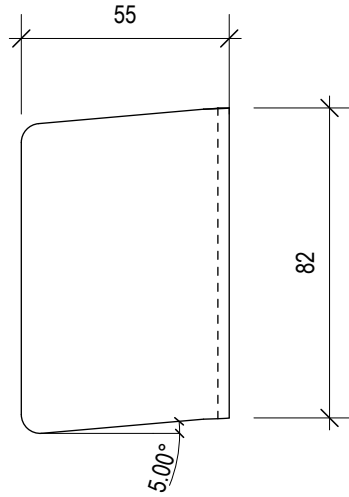
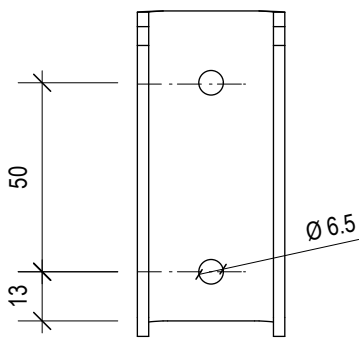
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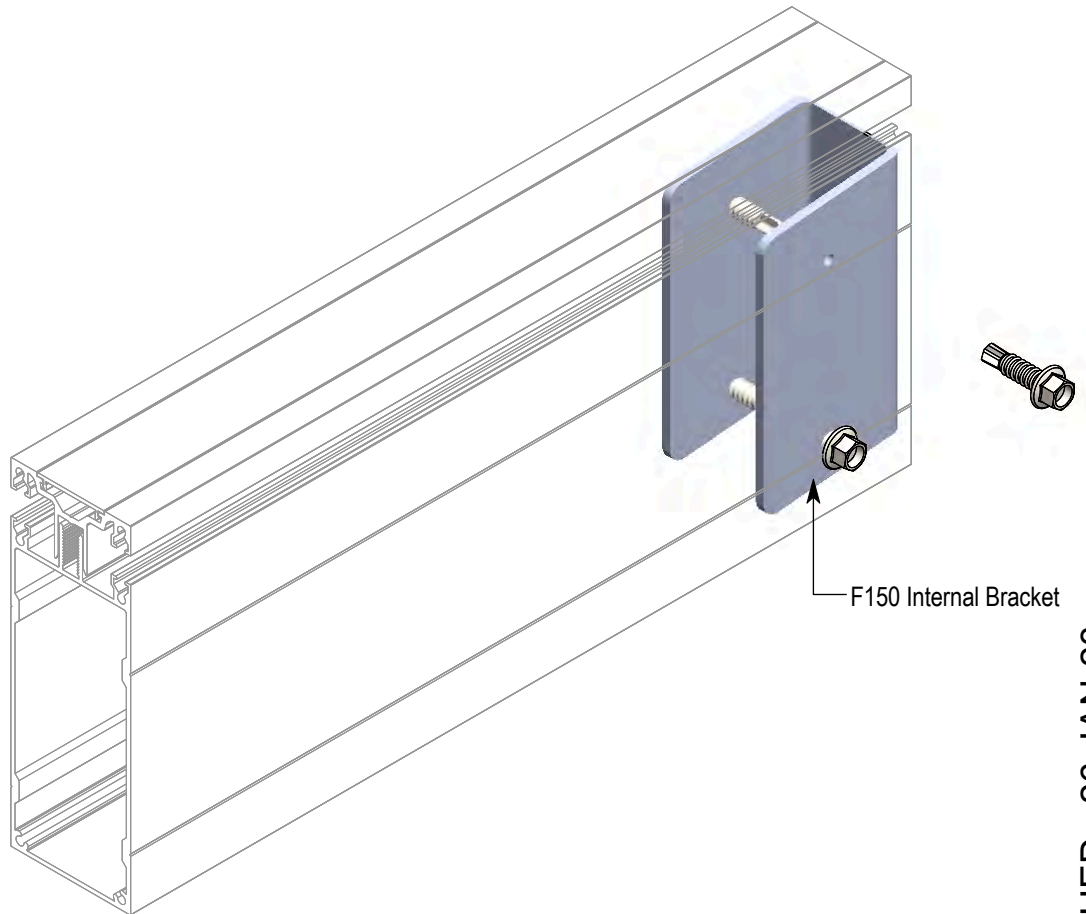
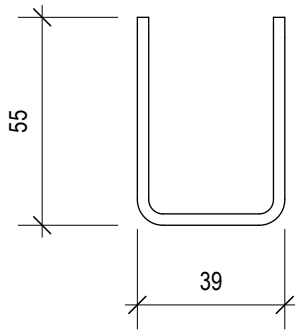
ISSUE	DATE	REVISION
DRAWING NAME:		
Component Part - F150 Hanger Bracket		DATE : 14-Dec-22
		SCALE @ A4: 1:2
		DWG: A202
REVISION		

General Notes: 1 - All dimensions are in millimeters.(mm) 2 - Liaise with engineer where required.
3 - All structural supports required to support system are to comply with NZBC and New Zealand Building Act.

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End View Section



F150 Internal Bracket

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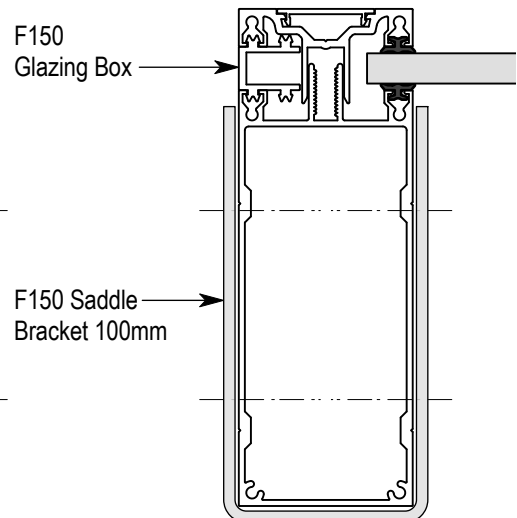
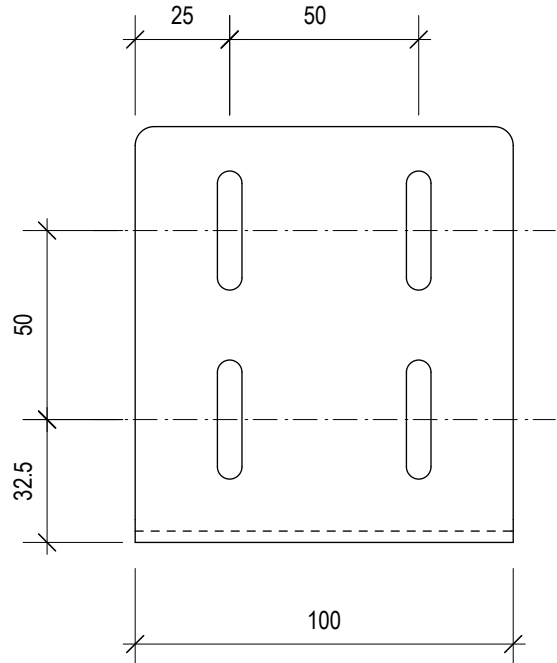
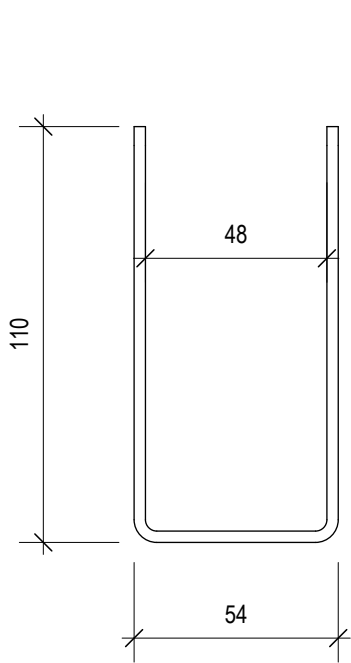
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GLAZING SYSTEMS**

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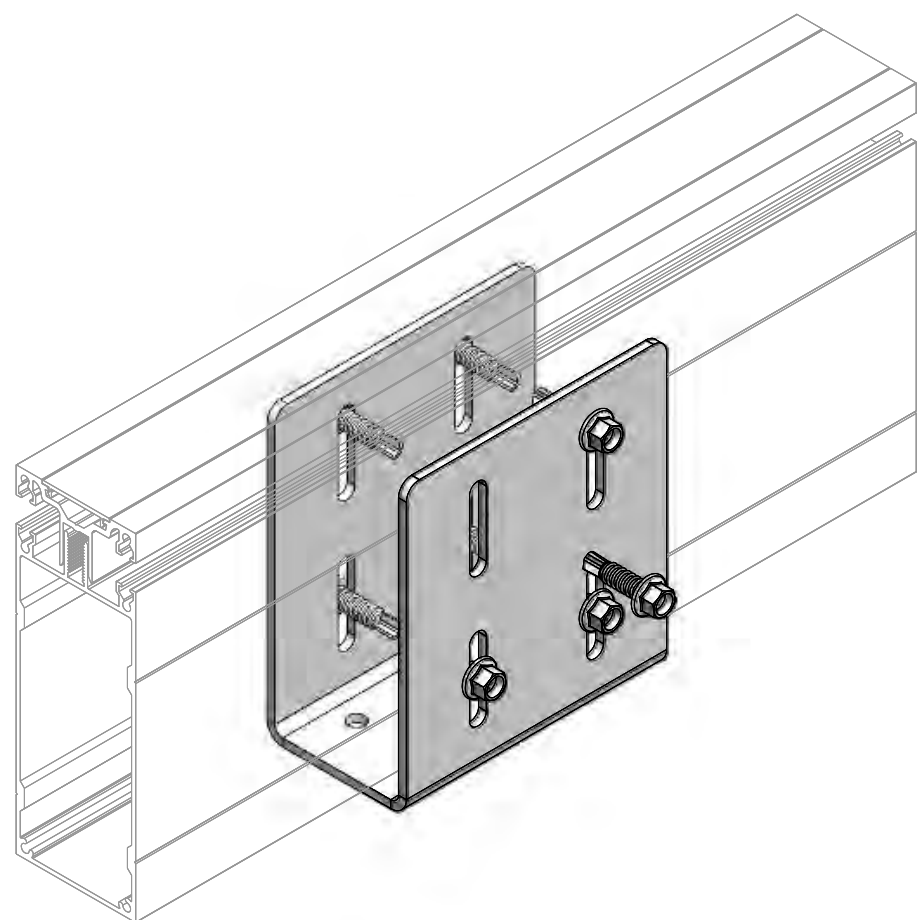
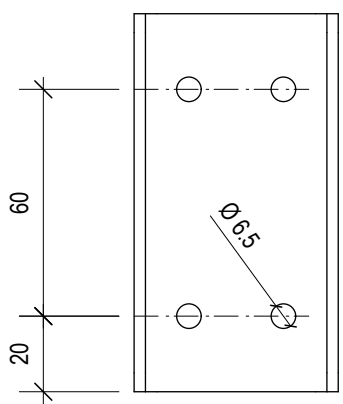
t: 021 2209517
e: mike@ugs.co.nz
w: www.ugs.co.nz

ISSUE	DATE	REVISION
DRAWING NAME:		
Component Part - F150 Internal Bracket		DATE : 14-Dec-22
		SCALE @ A4: 1:2
		DWG: A203
REVISION		

General Notes: 1 - All dimensions are in millimeters.(mm) 2 - Liaise with engineer where required.
3 - All structural supports required to support system are to comply with NZBC and New Zealand Building Act.



End View Section



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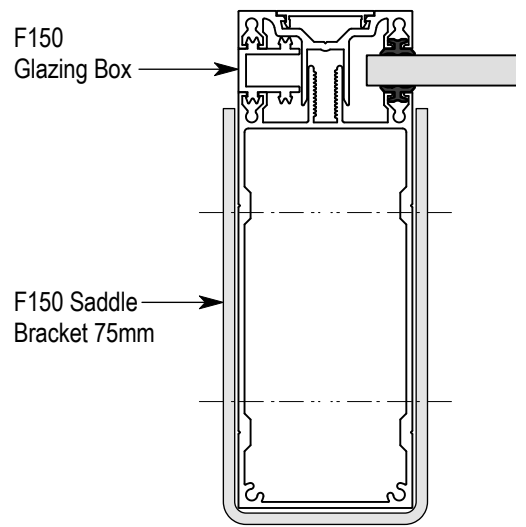
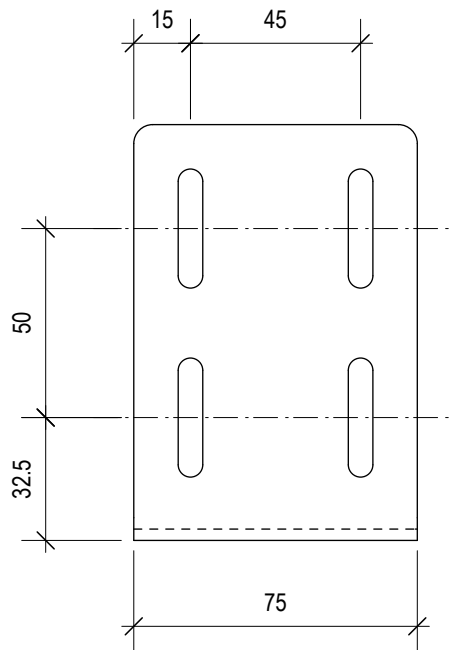
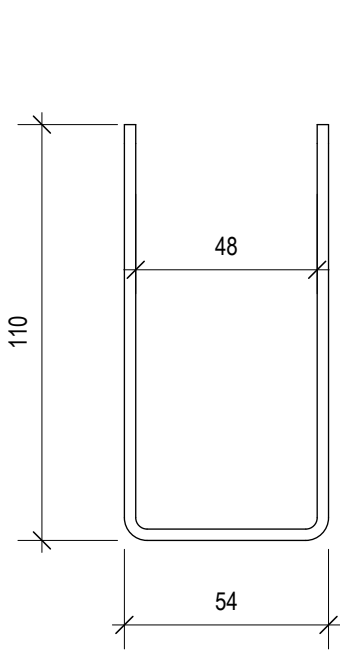


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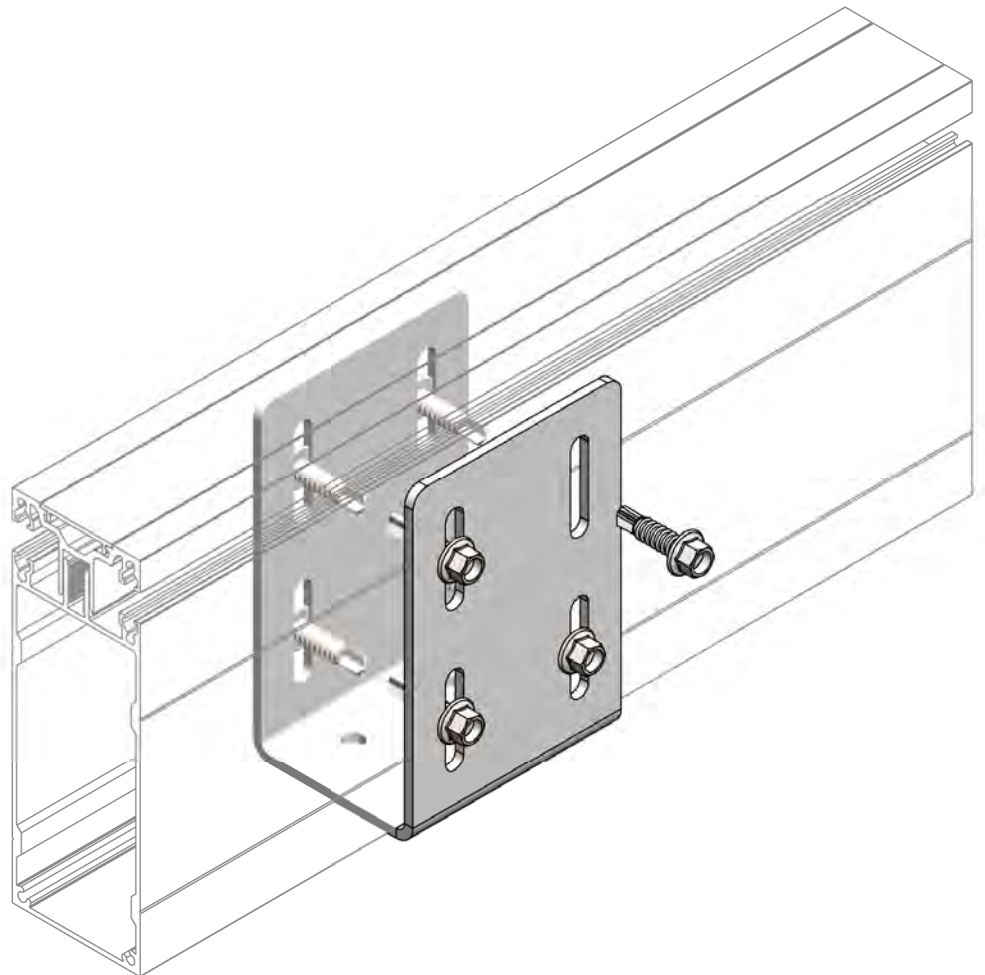
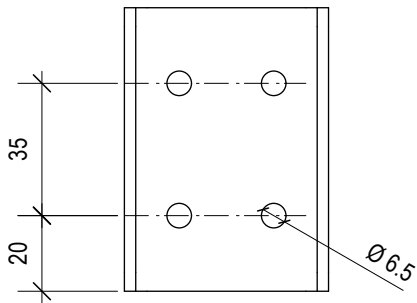
t: 021 2209517
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ISSUE	DATE	REVISION
DRAWING NAME:		
Component Part - F150 Saddle Bracket, 100mm		DATE : 14-Dec-22
		SCALE @ A4: 1:2
		DWG: A204
REVISION		

General Notes: 1 - All dimensions are in millimeters.(mm) 2 - Liaise with engineer where required.
3 - All structural supports required to support system are to comply with NZBC and New Zealand Building Act.



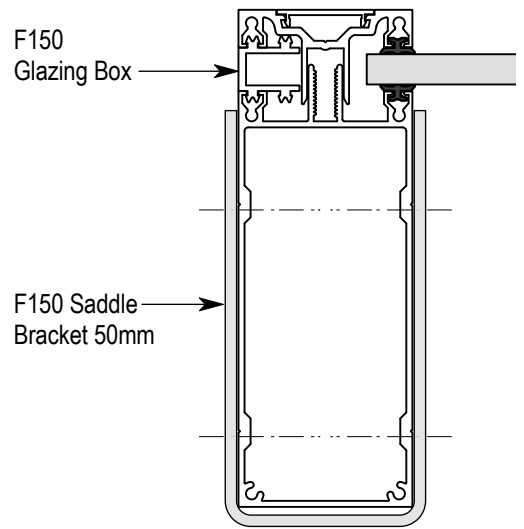
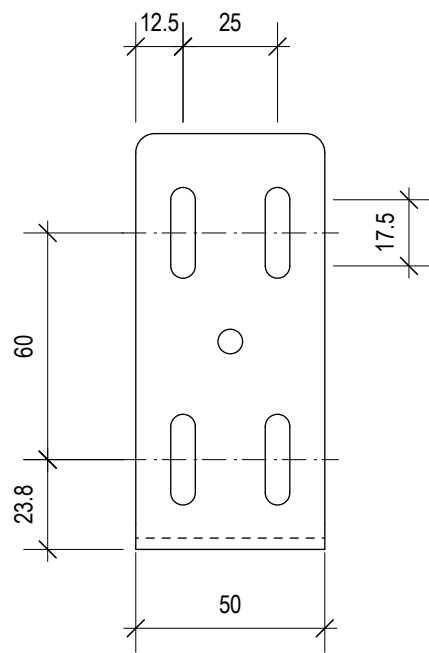
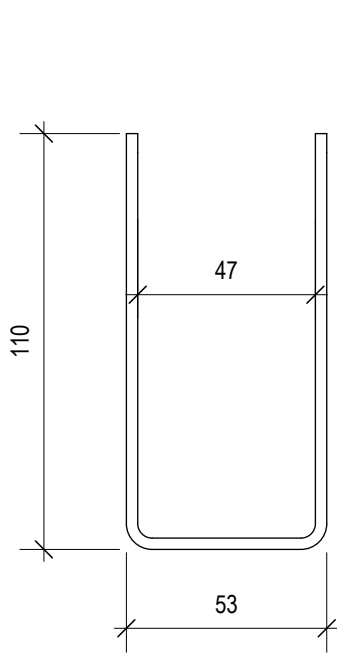
End View Section



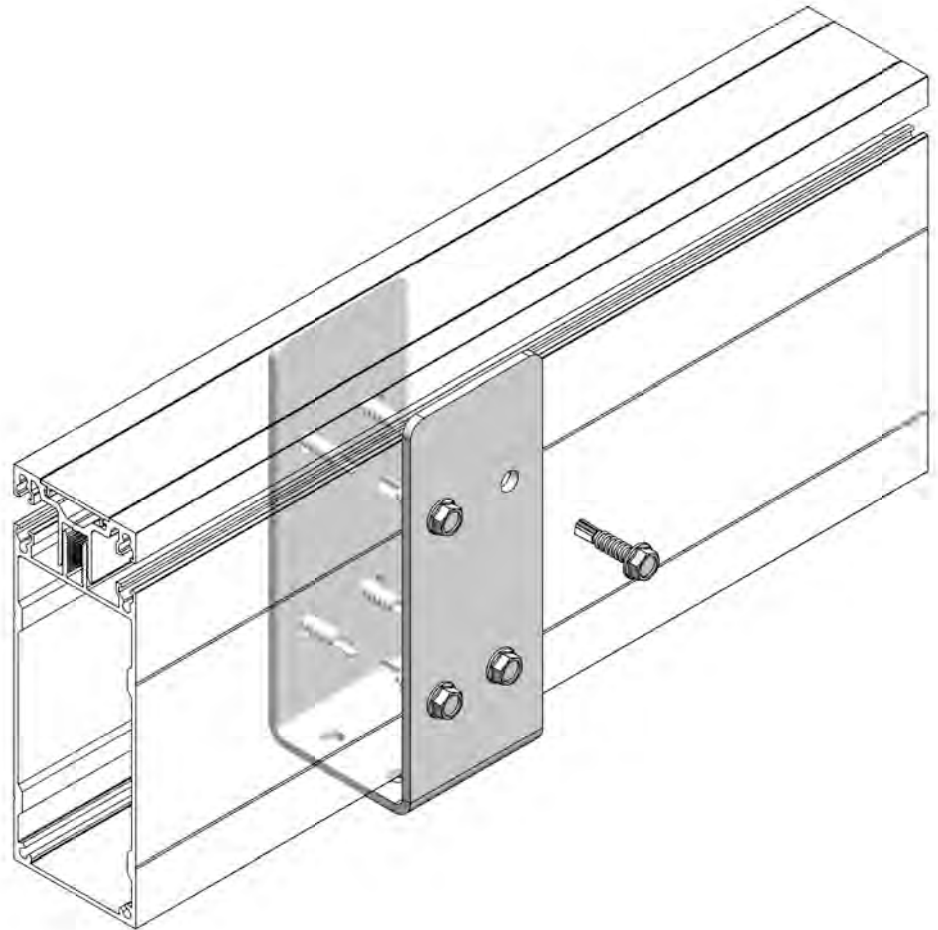
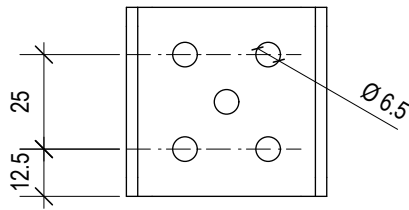
ISSUED - 26-JAN-23

ISSUE	DATE	REVISION
DRAWING NAME:		
Component Part - F150 Saddle Bracket, 75mm		DATE : 14-Dec-22
		SCALE @ A4: 1:2
		DWG: A205
REVISION		

General Notes: 1 - All dimensions are in millimeters.(mm) 2 - Liaise with engineer where required.
3 - All structural supports required to support system are to comply with NZBC and New Zealand Building Act.



End View Section



ISSUED - 26-JAN-23

ISSUE	DATE	REVISION
DRAWING NAME:		
Component Part - F150 Saddle Bracket, 50mm		DATE : 14-Dec-22
		SCALE @ A4: 1:2
		DWG: A206
REVISION		

General Notes: 1 - All dimensions are in millimeters.(mm) 2 - Liaise with engineer where required.
3 - All structural supports required to support system are to comply with NZBC and New Zealand Building Act.



UNIVERSAL GLAZING SYSTEMS

BLOCK MASONRY DETAILS

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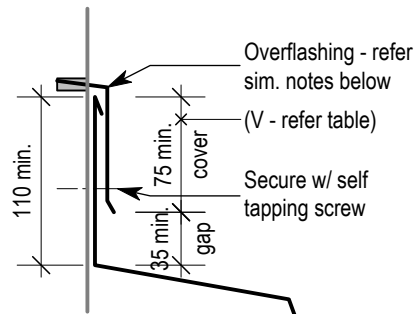
29 Grivelle Street, Kumeu,
Auckland 0810, New Zealand

ISSUE	DATE	REVISION
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		DWG: BM-00
		REVISION

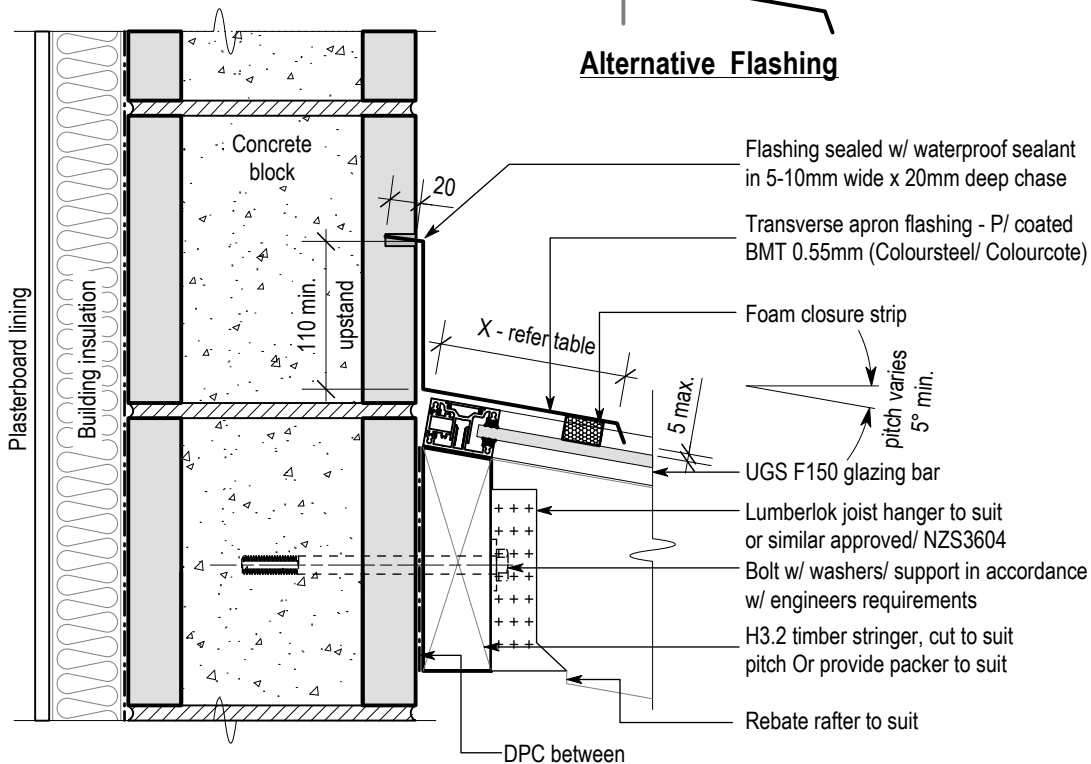
General Notes: 1 - All dimensions are in millimeters.(mm) 2 - Liaise with engineer where required.
3 - All structural supports required to support system are to comply with NZBC and New Zealand Building Act.

	SITUATION 1	SITUATION 2	SITUATION 3
	1. Low, medium, high wind zones: roof pitch $\geq 10^\circ$	1. Very high wind zones: all roof pitches 2. Low, medium, high wind zones: roof pitch $\leq 10^\circ$	1. Extra high wind zones: all roof pitches
X	MIN. 130mm (Excluding any soft edge or turn-down to roofing)	MIN. 200mm (Excluding any soft edge or turn-down to roofing)	MIN. 200mm
V	MIN. 75mm	Min. 75mm	Min. 90mm

1. Flashing widths based on NZBC, clause E2/AS1, table 7.
2. All flashings to be installed in accordance w/ "New Zealand Metal Roofing Manufacturers Association".
3. All UGS profiles to have end plates installed where required.



Alternative Flashing



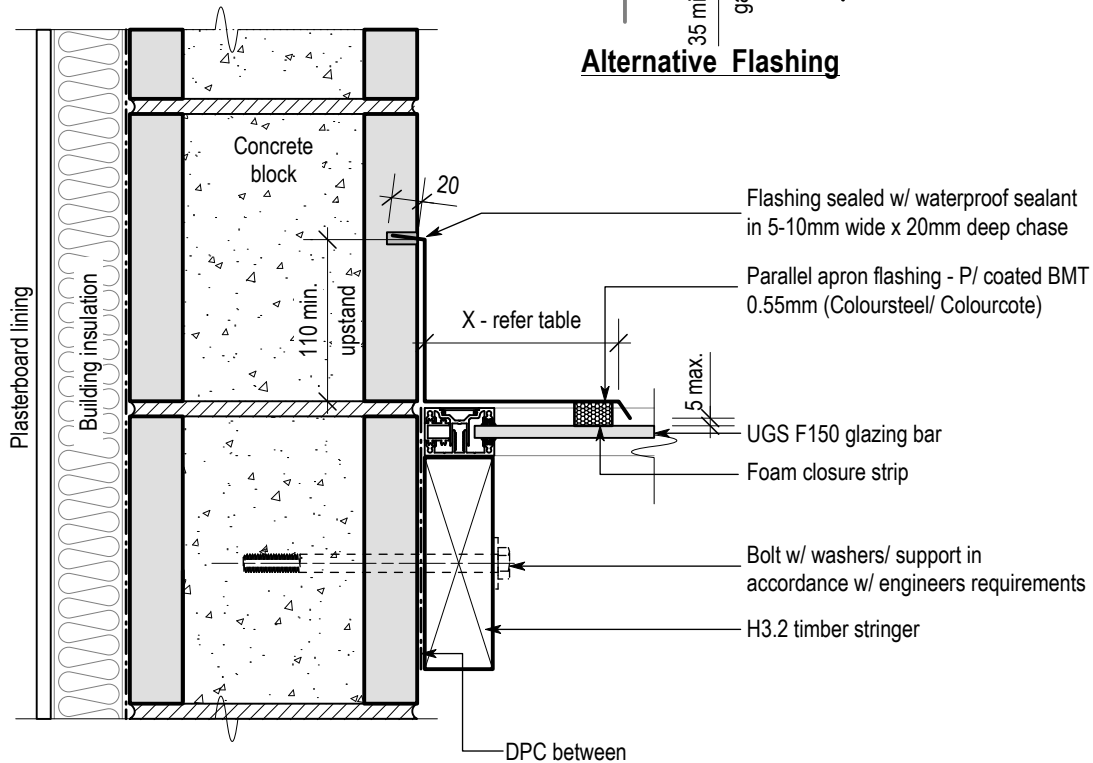
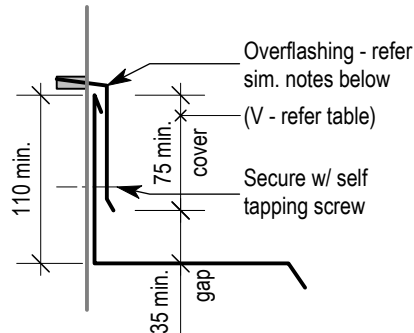
ISSUED - 26-JAN-23

ISSUE	DATE	REVISION
DRAWING NAME:		
Transverse Apron - Block Masonry (F150 G/Bar)		DATE : 14-Dec-22
		SCALE @ A4: 1:5
		DWG: BM-01
REVISION		

General Notes: 1 - All dimensions are in millimeters.(mm) 2 - Liaise with engineer where required.
3 - All structural supports required to support system are to comply with NZBC and New Zealand Building Act.

	SITUATION 1	SITUATION 2	SITUATION 3
	1. Low, medium, high wind zones: roof pitch $\geq 10^\circ$	1. Very high wind zones: all roof pitches 2. Low, medium, high wind zones: roof pitch $\leq 10^\circ$	1. Extra high wind zones: all roof pitches
X	MIN. 130mm (Excluding any soft edge or turn-down to roofing)	MIN. 200mm (Excluding any soft edge or turn-down to roofing)	MIN. 200mm
V	MIN. 75mm	Min. 75mm	Min. 90mm

1. Flashing widths based on NZBC, clause E2/AS1, table 7.
2. All flashings to be installed in accordance w/ "New Zealand Metal Roofing Manufacturers Association".
3. All UGS profiles to have end plates installed where required.



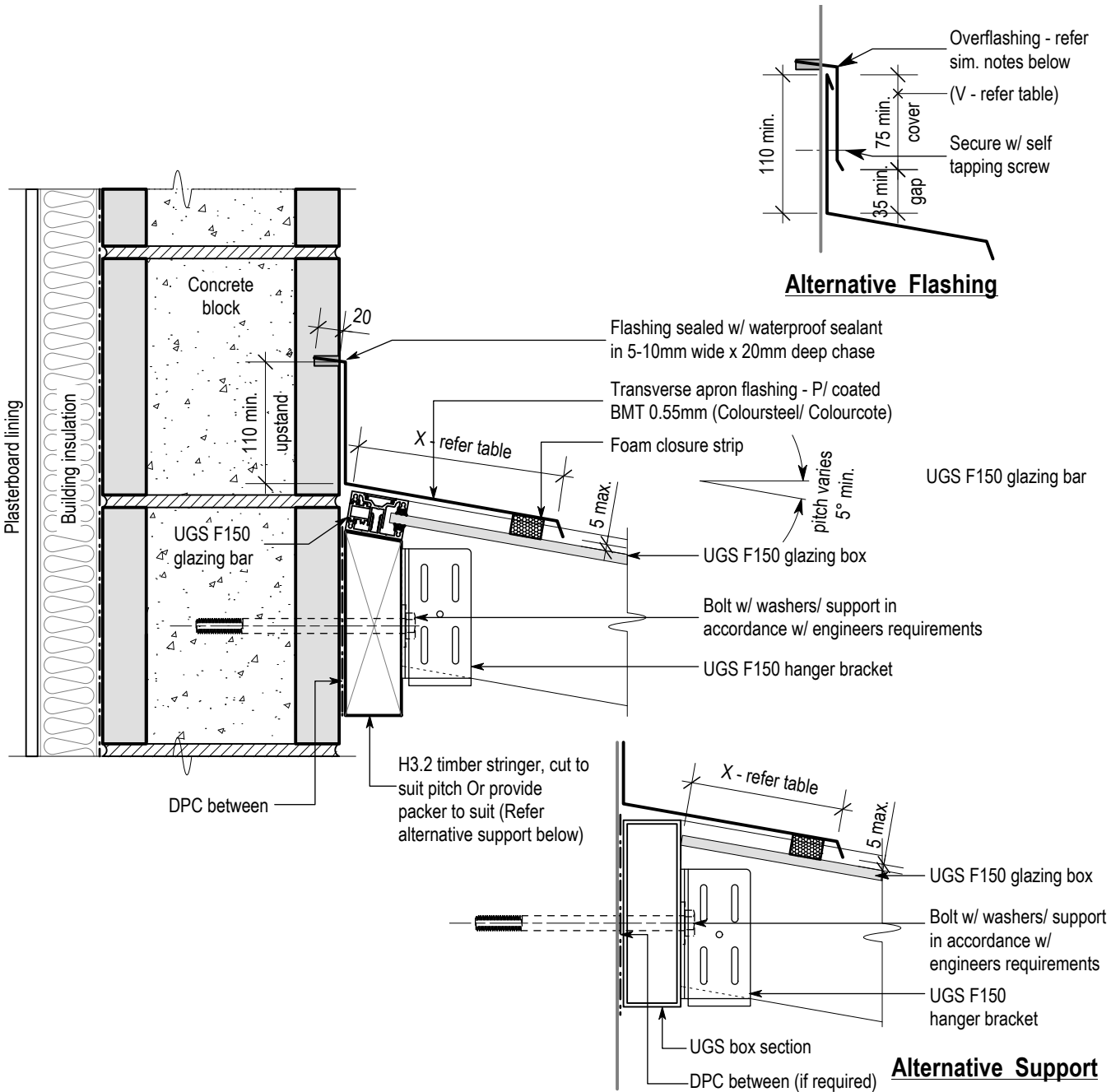
ISSUED - 26-JAN-23

ISSUE	DATE	REVISION
DRAWING NAME:		
Parallel Apron - Block Masonry (F150 G/Bar)		DATE : 14-Dec-22
		SCALE @ A4: 1:5
		DWG: BM-02
REVISION		

General Notes: 1 - All dimensions are in millimeters.(mm) 2 - Liaise with engineer where required.
3 - All structural supports required to support system are to comply with NZBC and New Zealand Building Act.

	SITUATION 1	SITUATION 2	SITUATION 3
	1. Low, medium, high wind zones: roof pitch $\geq 10^\circ$	1. Very high wind zones: all roof pitches 2. Low, medium, high wind zones: roof pitch $\leq 10^\circ$	1. Extra high wind zones: all roof pitches
X	MIN. 130mm (Excluding any soft edge or turn-down to roofing)	MIN. 200mm (Excluding any soft edge or turn-down to roofing)	MIN. 200mm
V	MIN. 75mm	Min. 75mm	Min. 90mm

1. Flashing widths based on NZBC, clause E2/AS1, table 7.
2. All flashings to be installed in accordance w/ "New Zealand Metal Roofing Manufacturers Association".
3. All UGS profiles to have end plates installed where required.



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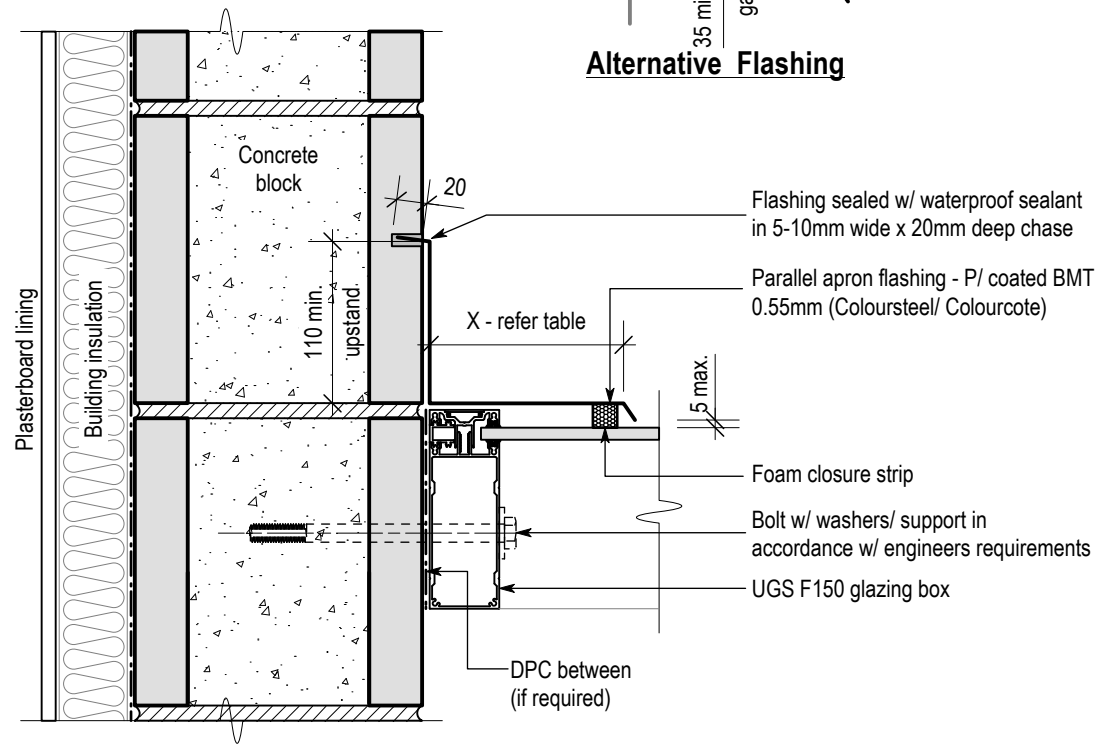
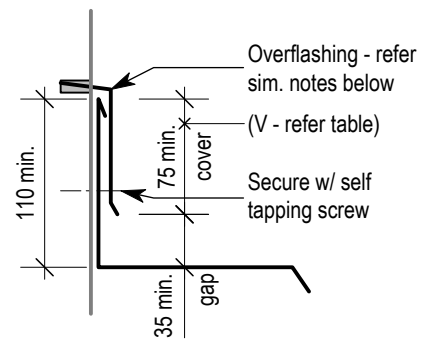
t: 021 2209517
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w: www.ugs.co.nz

ISSUE	DATE	REVISION
DRAWING NAME:		
Transverse Apron - Block Masonry (F150 G/Box)		
DATE :	14-Dec-22	
SCALE @ A4:	1:5	
DWG:	BM-03	
REVISION		

General Notes: 1 - All dimensions are in millimeters.(mm) 2 - Liaise with engineer where required.
3 - All structural supports required to support system are to comply with NZBC and New Zealand Building Act.

	SITUATION 1	SITUATION 2	SITUATION 3
	1. Low, medium, high wind zones: roof pitch $\geq 10^\circ$	1. Very high wind zones: all roof pitches 2. Low, medium, high wind zones: roof pitch $\leq 10^\circ$	1. Extra high wind zones: all roof pitches
X	MIN. 130mm (Excluding any soft edge or turn-down to roofing)	MIN. 200mm (Excluding any soft edge or turn-down to roofing)	MIN. 200mm
V	MIN. 75mm	Min. 75mm	Min. 90mm

1. Flashing widths based on NZBC, clause E2/AS1, table 7.
2. All flashings to be installed in accordance w/ "New Zealand Metal Roofing Manufacturers Association".
3. All UGS profiles to have end plates installed where required.



ISSUED - 26-JAN-23



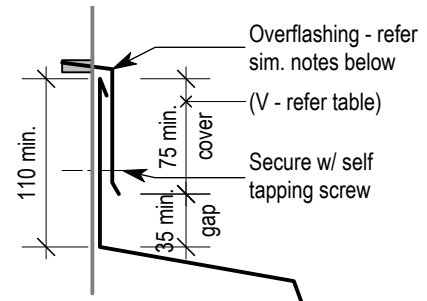
29 Grivelle Street, Kumeu, Auckland 0810, New Zealand
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ISSUE	DATE	REVISION
DRAWING NAME:		
Parallel Apron - Block Masonry (F150 G/Box)		DATE : 14-Dec-22
		SCALE @ A4: 1:5
		DWG: BM-04
REVISION		

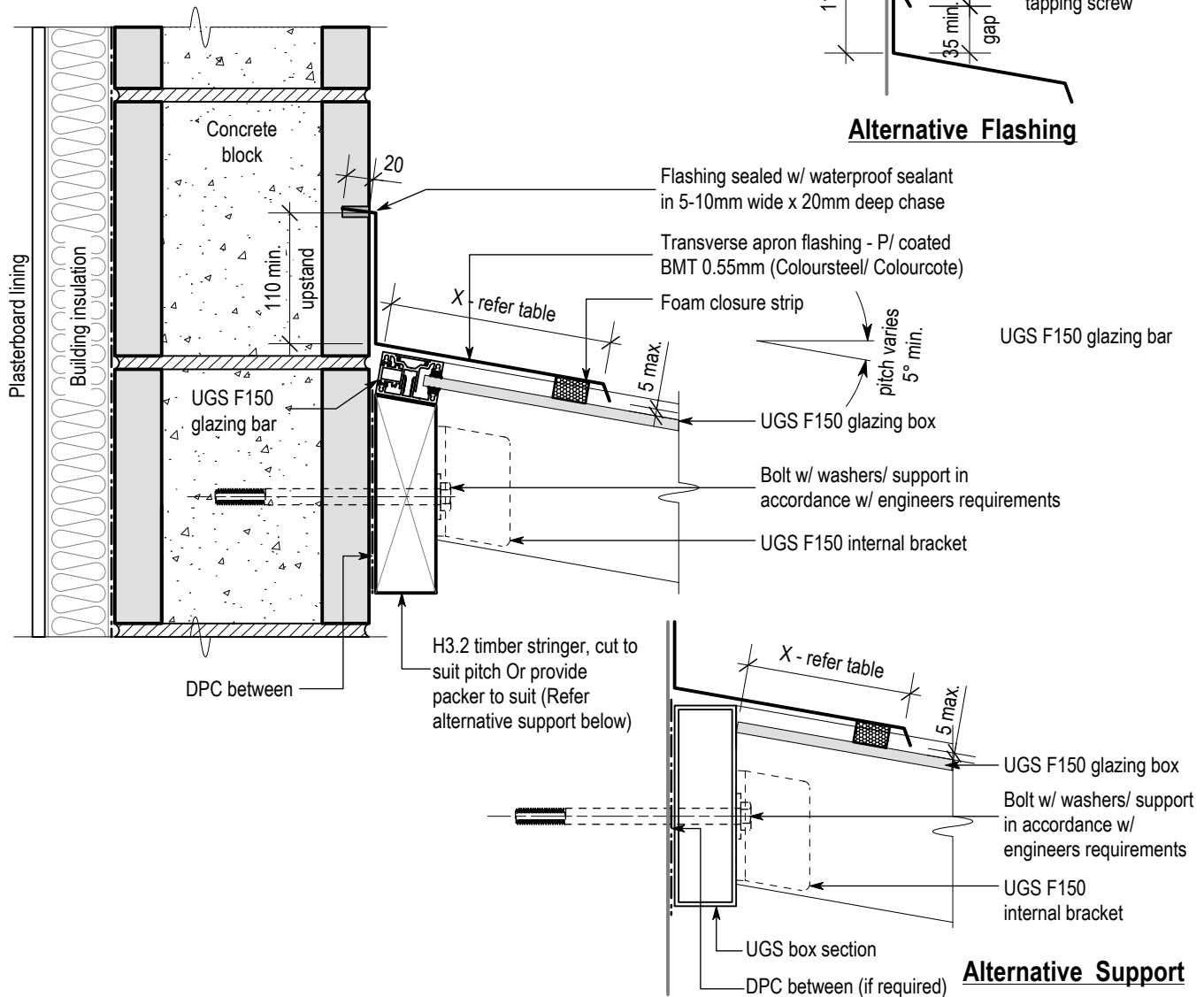
General Notes: 1 - All dimensions are in millimeters.(mm) 2 - Liaise with engineer where required.
 3 - All structural supports required to support system are to comply with NZBC and New Zealand Building Act.

	SITUATION 1	SITUATION 2	SITUATION 3
	1. Low, medium, high wind zones: roof pitch $\geq 10^\circ$	1. Very high wind zones: all roof pitches 2. Low, medium, high wind zones: roof pitch $\leq 10^\circ$	1. Extra high wind zones: all roof pitches
X	MIN. 130mm (Excluding any soft edge or turn-down to roofing)	MIN. 200mm (Excluding any soft edge or turn-down to roofing)	MIN. 200mm
V	MIN. 75mm	Min. 75mm	Min. 90mm

1. Flashing widths based on NZBC, clause E2/AS1, table 7.
2. All flashings to be installed in accordance w/ "New Zealand Metal Roofing Manufacturers Association".
3. All UGS profiles to have end plates installed where required.



Alternative Flashing



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ISSUE	DATE	REVISION
DRAWING NAME:		
Transverse Apron - Block Masonry (F150 G/Box)		
DATE :	12-Dec-22	
SCALE @ A4:	1:5	
DWG:	BM-05	
REVISION		

General Notes: 1 - All dimensions are in millimeters.(mm) 2 - Liaise with engineer where required.
3 - All structural supports required to support system are to comply with NZBC and New Zealand Building Act.



UNIVERSAL GLAZING SYSTEMS

BRICK VENEER DETAILS

ISSUED - 26-JAN-23



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GLAZING SYSTEMS

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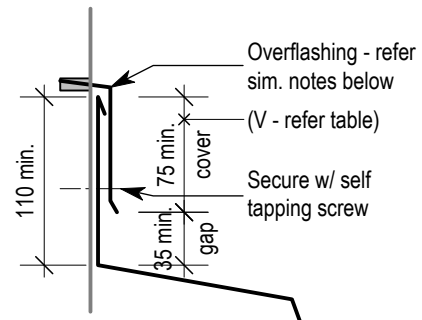
29 Grivelle Street, Kumeu,
Auckland 0810, New Zealand

ISSUE	DATE	REVISION
DRAWING NAME:		
Brick Veneer Details		DATE : 20-Jan-23
		SCALE @ A4:
		DWG: BV-00
		REVISION

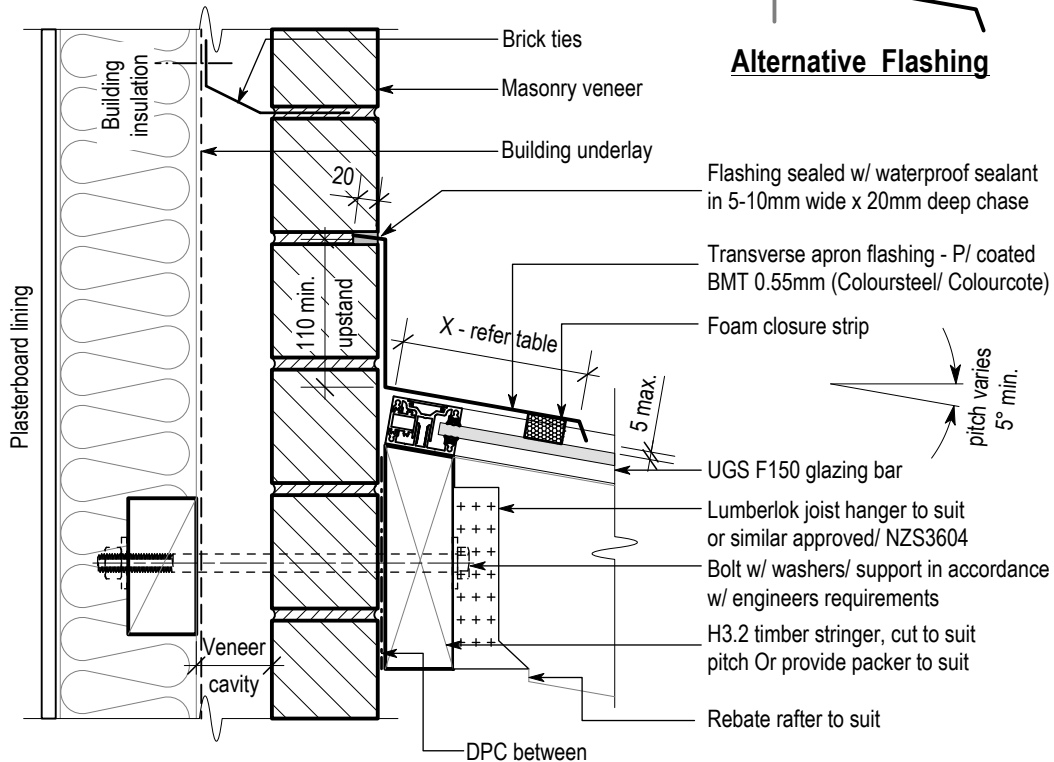
General Notes: 1 - All dimensions are in millimeters.(mm) 2 - Liaise with engineer where required.
3 - All structural supports required to support system are to comply with NZBC and New Zealand Building Act.

	SITUATION 1	SITUATION 2	SITUATION 3
	1. Low, medium, high wind zones: roof pitch $\geq 10^\circ$	1. Very high wind zones: all roof pitches 2. Low, medium, high wind zones: roof pitch $\leq 10^\circ$	1. Extra high wind zones: all roof pitches
X	MIN. 130mm (Excluding any soft edge or turn-down to roofing)	MIN. 200mm (Excluding any soft edge or turn-down to roofing)	MIN. 200mm
V	MIN. 75mm	Min. 75mm	Min. 90mm

1. Flashing widths based on NZBC, clause E2/AS1, table 7.
2. All flashings to be installed in accordance w/ "New Zealand Metal Roofing Manufacturers Association".
3. All UGS profiles to have end plates installed where required.



Alternative Flashing



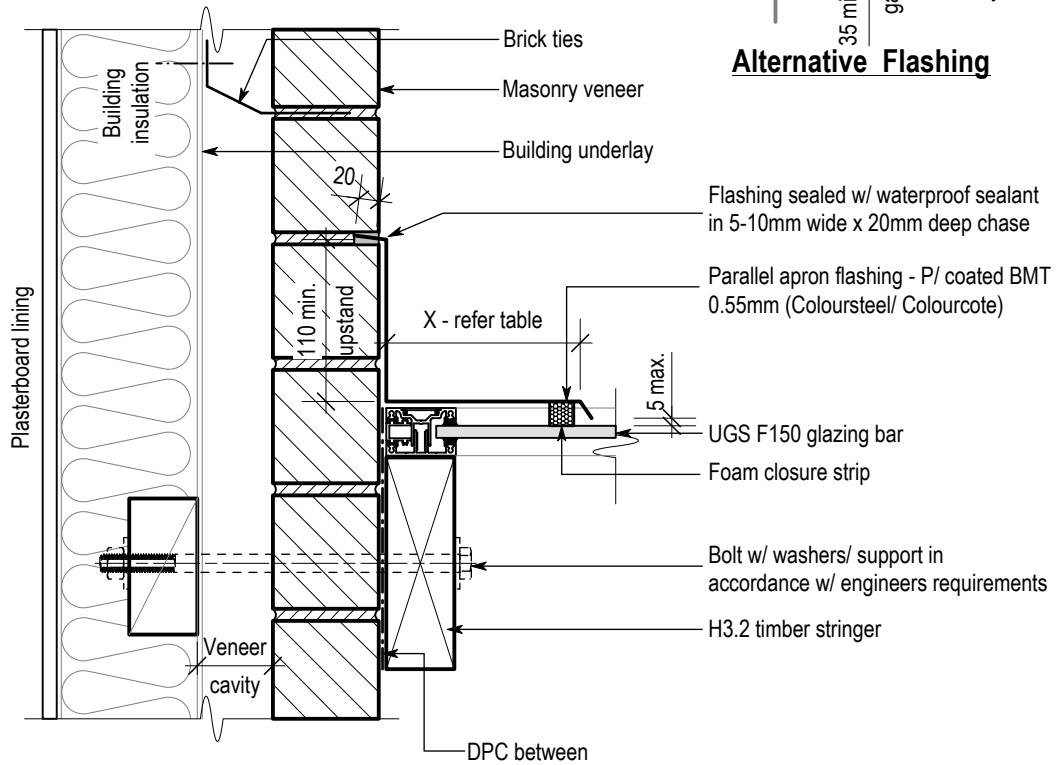
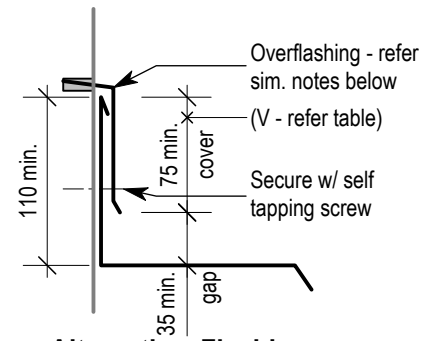
ISSUED - 26-JAN-23

ISSUE	DATE	REVISION
DRAWING NAME:		
Transverse Apron - Brick Veneer (F150 G/Bar)		DATE : 14-Dec-22
		SCALE @ A4: 1:5
		DWG: BV-01
REVISION		

General Notes: 1 - All dimensions are in millimeters.(mm) 2 - Liaise with engineer where required.
3 - All structural supports required to support system are to comply with NZBC and New Zealand Building Act.

	SITUATION 1	SITUATION 2	SITUATION 3
	1. Low, medium, high wind zones: roof pitch $\geq 10^\circ$	1. Very high wind zones: all roof pitches 2. Low, medium, high wind zones: roof pitch $\leq 10^\circ$	1. Extra high wind zones: all roof pitches
X	MIN. 130mm (Excluding any soft edge or turn-down to roofing)	MIN. 200mm (Excluding any soft edge or turn-down to roofing)	MIN. 200mm
V	MIN. 75mm	Min. 75mm	Min. 90mm

1. Flashing widths based on NZBC, clause E2/AS1, table 7.
2. All flashings to be installed in accordance w/ "New Zealand Metal Roofing Manufacturers Association".
3. All UGS profiles to have end plates installed where required.



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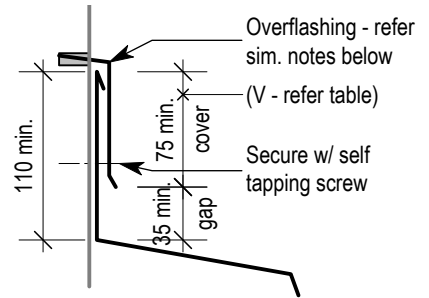
t: 021 2209517
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ISSUE	DATE	REVISION
DRAWING NAME:		
Parallel Apron - Brick Veneer (F150 G/Bar)		DATE : 14-Dec-22
		SCALE @ A4: 1:5
		DWG: BV-02
REVISION		

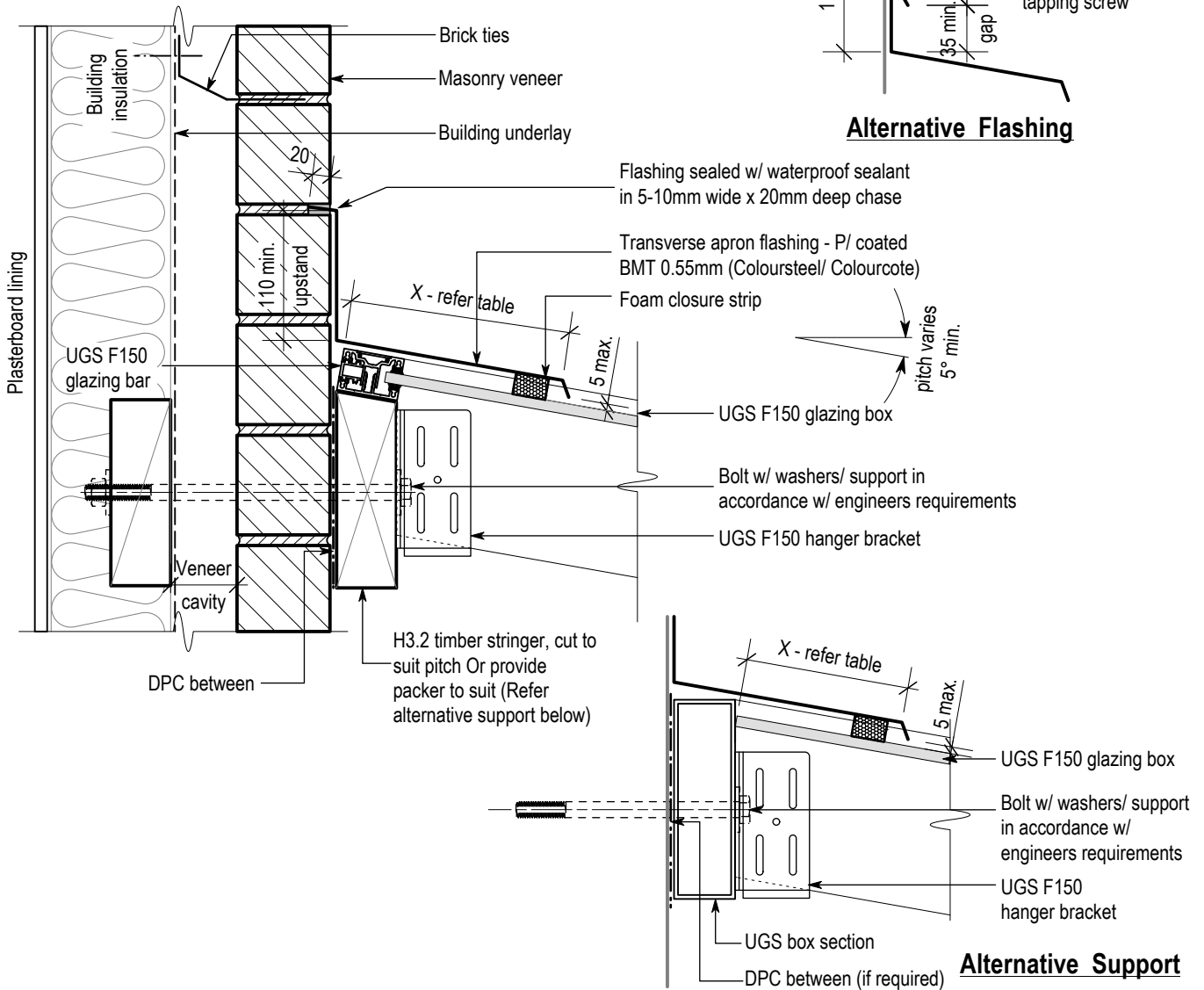
General Notes: 1 - All dimensions are in millimeters.(mm) 2 - Liaise with engineer where required.
3 - All structural supports required to support system are to comply with NZBC and New Zealand Building Act.

	SITUATION 1	SITUATION 2	SITUATION 3
	1. Low, medium, high wind zones: roof pitch $\geq 10^\circ$	1. Very high wind zones: all roof pitches 2. Low, medium, high wind zones: roof pitch $\leq 10^\circ$	1. Extra high wind zones: all roof pitches
X	MIN. 130mm (Excluding any soft edge or turn-down to roofing)	MIN. 200mm (Excluding any soft edge or turn-down to roofing)	MIN. 200mm
V	MIN. 75mm	Min. 75mm	Min. 90mm

1. Flashing widths based on NZBC, clause E2/AS1, table 7.
2. All flashings to be installed in accordance w/ "New Zealand Metal Roofing Manufacturers Association".
3. All UGS profiles to have end plates installed where required.



Alternative Flashing



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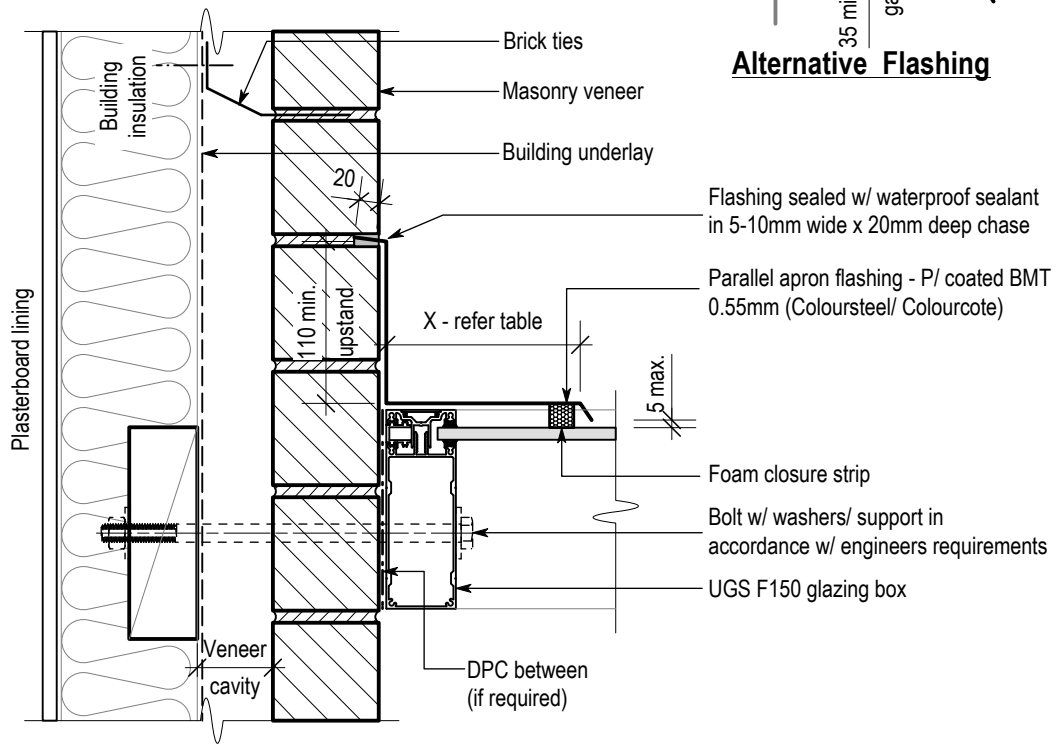
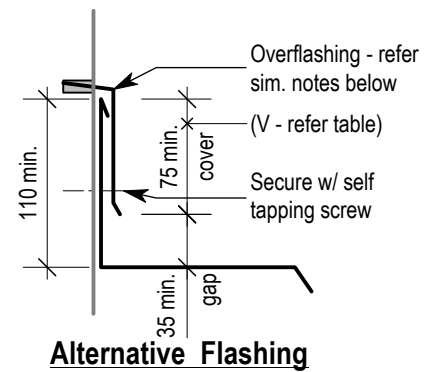
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ISSUE	DATE	REVISION
DRAWING NAME:		
Transverse Apron - Brick Veneer (F150 G/Box)		DATE : 14-Dec-22
		SCALE @ A4: 1:5
		DWG: BV-03
REVISION		

General Notes: 1 - All dimensions are in millimeters.(mm) 2 - Liaise with engineer where required.
3 - All structural supports required to support system are to comply with NZBC and New Zealand Building Act.

	SITUATION 1	SITUATION 2	SITUATION 3
	1. Low, medium, high wind zones: roof pitch $\geq 10^\circ$	1. Very high wind zones: all roof pitches 2. Low, medium, high wind zones: roof pitch $\leq 10^\circ$	1. Extra high wind zones: all roof pitches
X	MIN. 130mm (Excluding any soft edge or turn-down to roofing)	MIN. 200mm (Excluding any soft edge or turn-down to roofing)	MIN. 200mm
V	MIN. 75mm	Min. 75mm	Min. 90mm

1. Flashing widths based on NZBC, clause E2/AS1, table 7.
2. All flashings to be installed in accordance w/ "New Zealand Metal Roofing Manufacturers Association".
3. All UGS profiles to have end plates installed where required.



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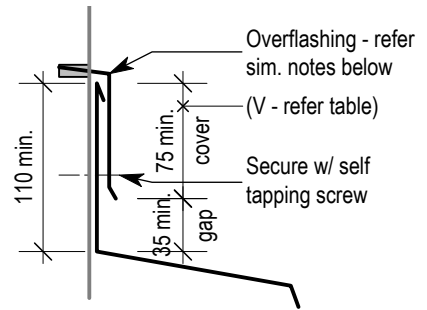
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ISSUE	DATE	REVISION
DRAWING NAME:		
Parallel Apron - Brick Veneer (F150 G/Box)		DATE : 14-Dec-22
		SCALE @ A4: 1:5
		DWG: BV-04
REVISION		

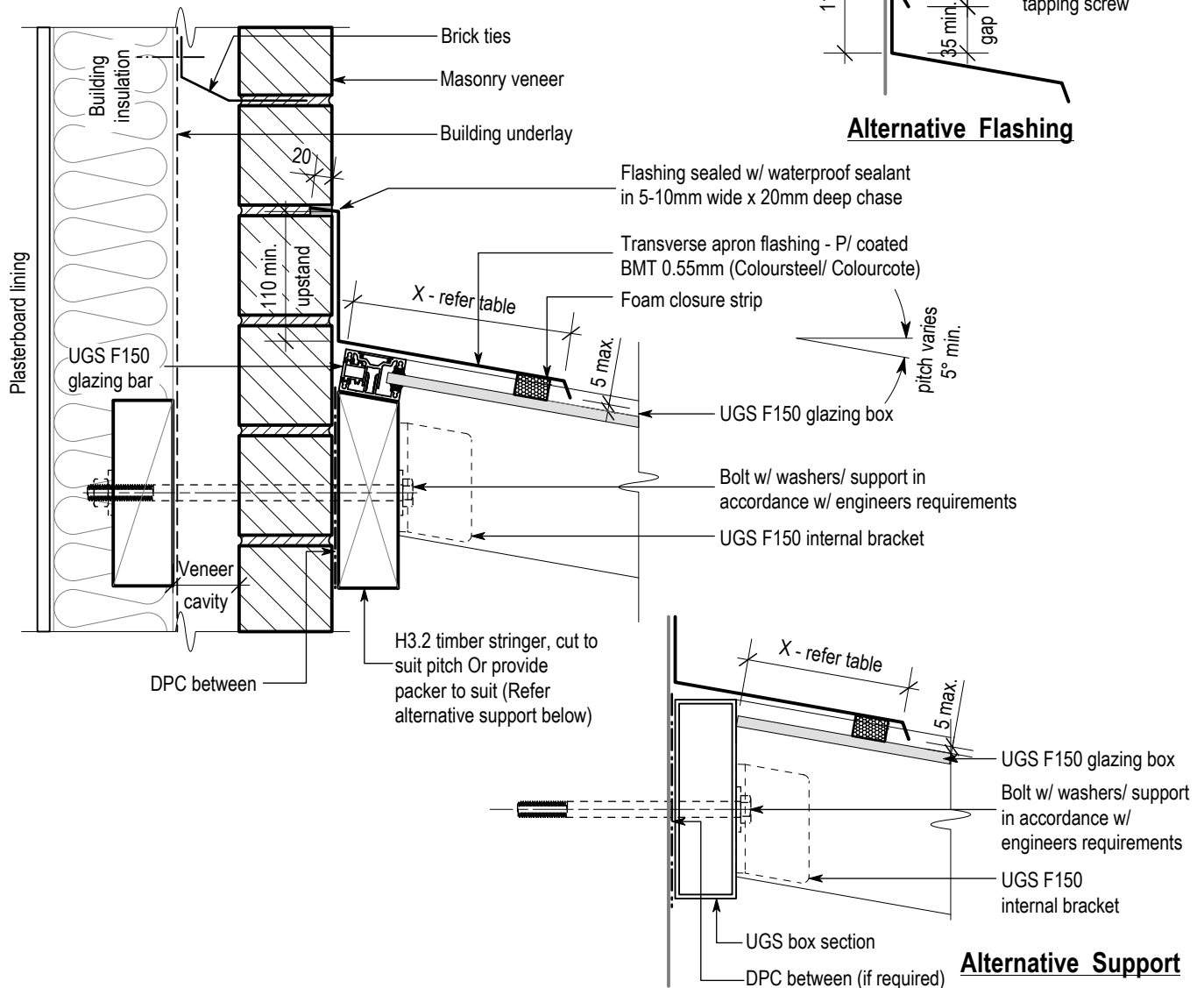
General Notes: 1 - All dimensions are in millimeters.(mm) 2 - Liaise with engineer where required.
3 - All structural supports required to support system are to comply with NZBC and New Zealand Building Act.

	SITUATION 1	SITUATION 2	SITUATION 3
	1. Low, medium, high wind zones: roof pitch $\geq 10^\circ$	1. Very high wind zones: all roof pitches 2. Low, medium, high wind zones: roof pitch $\leq 10^\circ$	1. Extra high wind zones: all roof pitches
X	MIN. 130mm (Excluding any soft edge or turn-down to roofing)	MIN. 200mm (Excluding any soft edge or turn-down to roofing)	MIN. 200mm
V	MIN. 75mm	Min. 75mm	Min. 90mm

1. Flashing widths based on NZBC, clause E2/AS1, table 7.
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3. All UGS profiles to have end plates installed where required.



Alternative Flashing



Alternative Support

ISSUED - 26-JAN-23



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ISSUE	DATE	REVISION
DRAWING NAME:		
Transverse Apron - Brick Vener (F150 G/Box)		
DATE :	12-Dec-22	
SCALE @ A4:	1:5	
DWG:	BV-05	
REVISION		

General Notes: 1 - All dimensions are in millimeters.(mm) 2 - Liaise with engineer where required.
3 - All structural supports required to support system are to comply with NZBC and New Zealand Building Act.



UNIVERSAL GLAZING SYSTEMS

FIBRE CEMENT SHEET DETAILS

ISSUED - 26-JAN-23



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GLAZING SYSTEMS

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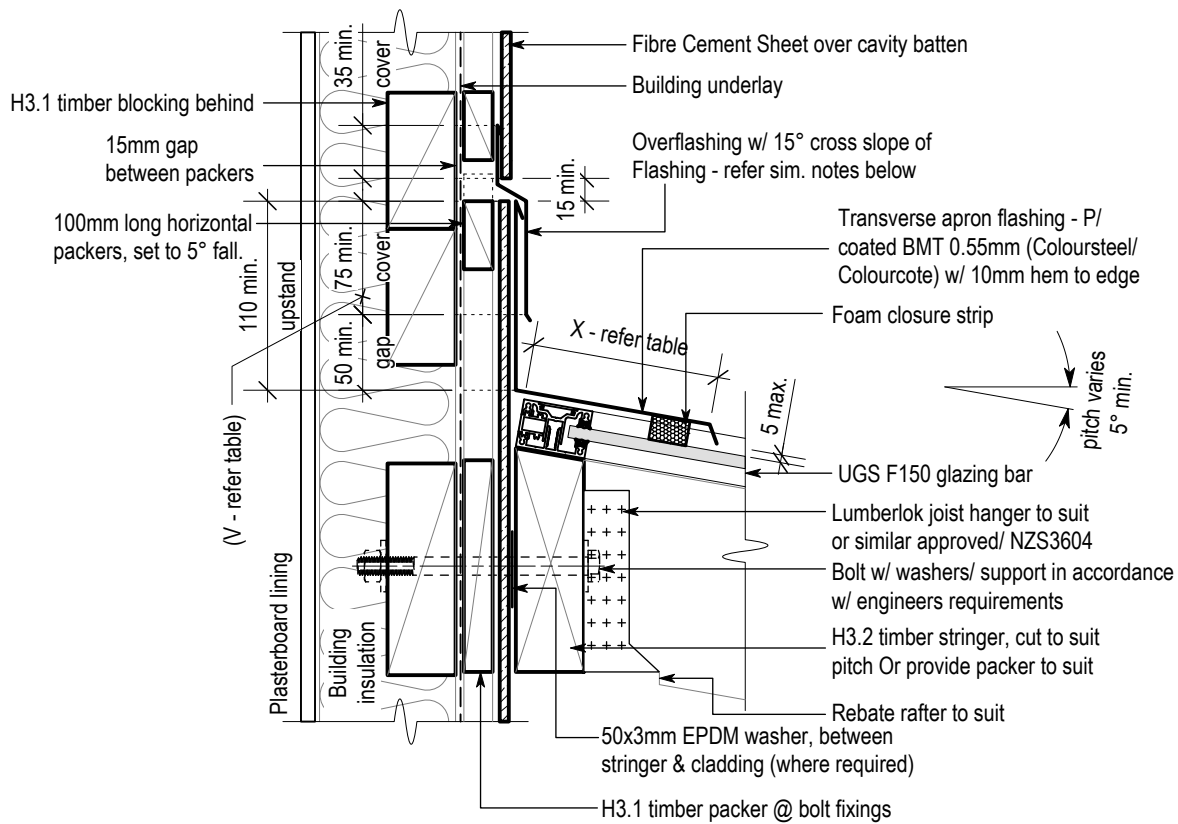
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ISSUE	DATE	REVISION
DRAWING NAME:		
Fibre Cement Sheet Details		DATE : 20-Jan-23
		SCALE @ A4:
		DWG: FS-00
		REVISION

General Notes: 1 - All dimensions are in millimeters.(mm) 2 - Liaise with engineer where required.
3 - All structural supports required to support system are to comply with NZBC and New Zealand Building Act.

	SITUATION 1	SITUATION 2	SITUATION 3
	1. Low, medium, high wind zones: roof pitch $\geq 10^\circ$	1. Very high wind zones: all roof pitches 2. Low, medium, high wind zones: roof pitch $\leq 10^\circ$	1. Extra high wind zones: all roof pitches
X	MIN. 130mm (Excluding any soft edge or turn-down to roofing)	MIN. 200mm (Excluding any soft edge or turn-down to roofing)	MIN. 200mm
V	MIN. 75mm	Min. 75mm	Min. 90mm

1. Flashing widths based on NZBC, clause E2/AS1, table 7.
2. All flashings to be installed in accordance w/ "New Zealand Metal Roofing Manufacturers Association".
3. All UGS profiles to have end plates installed where required.



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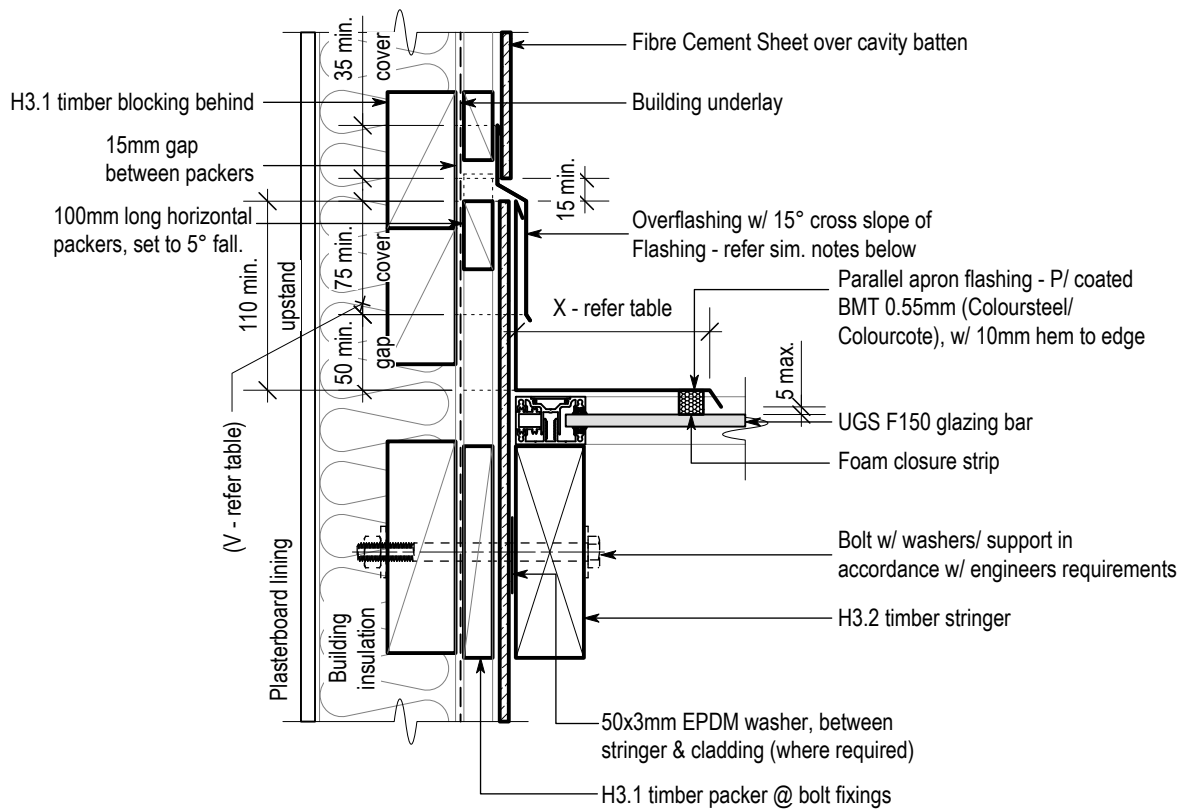
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ISSUE	DATE	REVISION
DRAWING NAME:		
Transverse Apron - Fibre Cement Sheet, Cavity (F150 G/Bar)		DATE: 14-Dec-22
		SCALE @ A4: 1:5
		DWG: FS-01
REVISION		

General Notes: 1 - All dimensions are in millimeters.(mm) 2 - Liaise with engineer where required.
3 - All structural supports required to support system are to comply with NZBC and New Zealand Building Act.

	SITUATION 1	SITUATION 2	SITUATION 3
	1. Low, medium, high wind zones: roof pitch $\geq 10^\circ$	1. Very high wind zones: all roof pitches 2. Low, medium, high wind zones: roof pitch $\leq 10^\circ$	1. Extra high wind zones: all roof pitches
X	MIN. 130mm (Excluding any soft edge or turn-down to roofing)	MIN. 200mm (Excluding any soft edge or turn-down to roofing)	MIN. 200mm
V	MIN. 75mm	Min. 75mm	Min. 90mm
1. Flashing widths based on NZBC, clause E2/AS1, table 7. 2. All flashings to be installed in accordance w/ "New Zealand Metal Roofing Manufacturers Association". 3. All UGS profiles to have end plates installed where required.			



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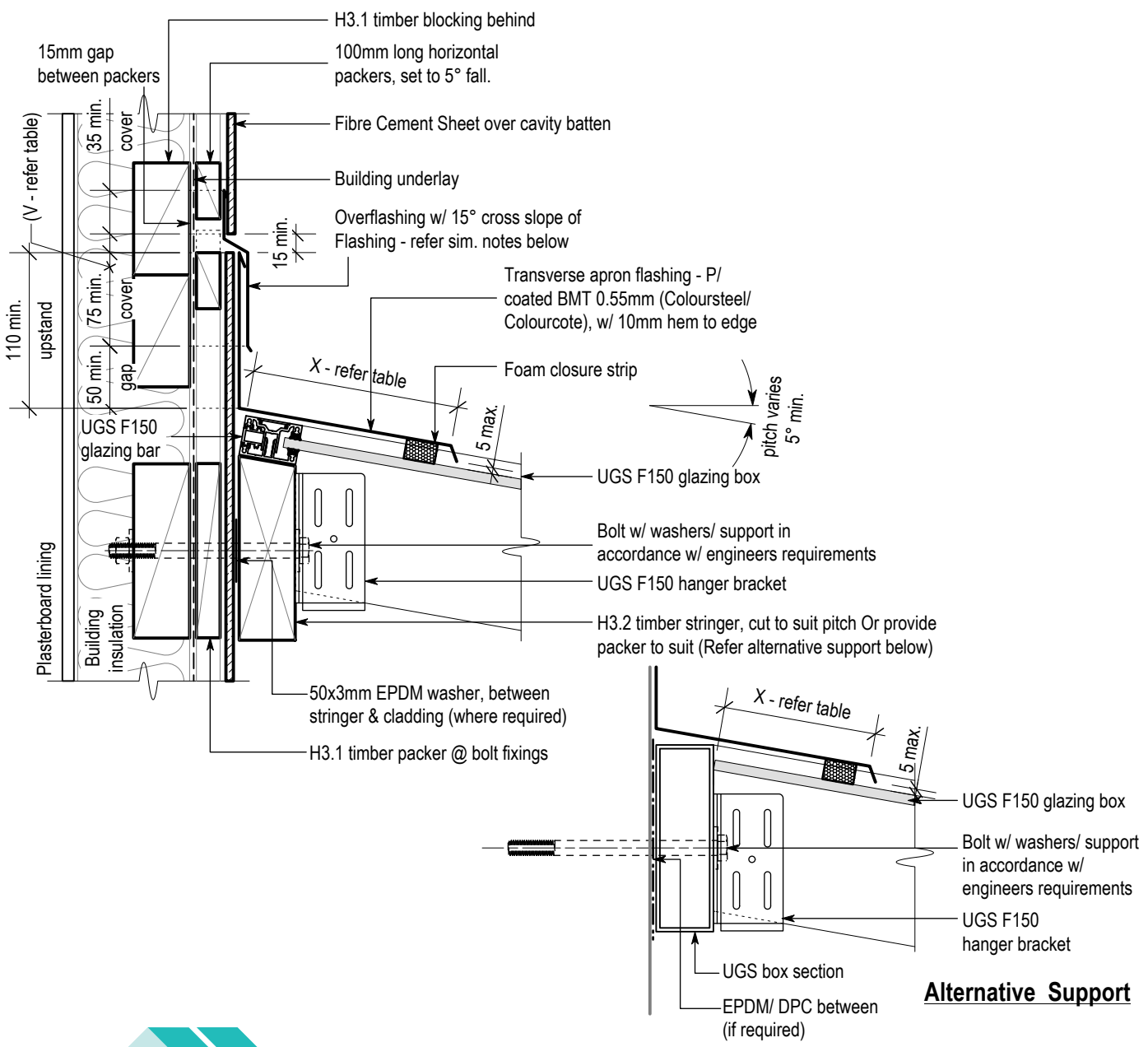
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ISSUE	DATE	REVISION
DRAWING NAME:		
Parallel Apron - Fibre Cement Sheet, Cavity (F150 G/Bar)		DATE : 14-Dec-22
		SCALE @ A4: 1:5
		DWG: FS-02
REVISION		

General Notes: 1 - All dimensions are in millimeters.(mm) 2 - Liaise with engineer where required.
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	SITUATION 1	SITUATION 2	SITUATION 3
	1. Low, medium, high wind zones: roof pitch $\geq 10^\circ$	1. Very high wind zones: all roof pitches 2. Low, medium, high wind zones: roof pitch $\leq 10^\circ$	1. Extra high wind zones: all roof pitches
X	MIN. 130mm (Excluding any soft edge or turn-down to roofing)	MIN. 200mm (Excluding any soft edge or turn-down to roofing)	MIN. 200mm
V	MIN. 75mm	Min. 75mm	Min. 90mm

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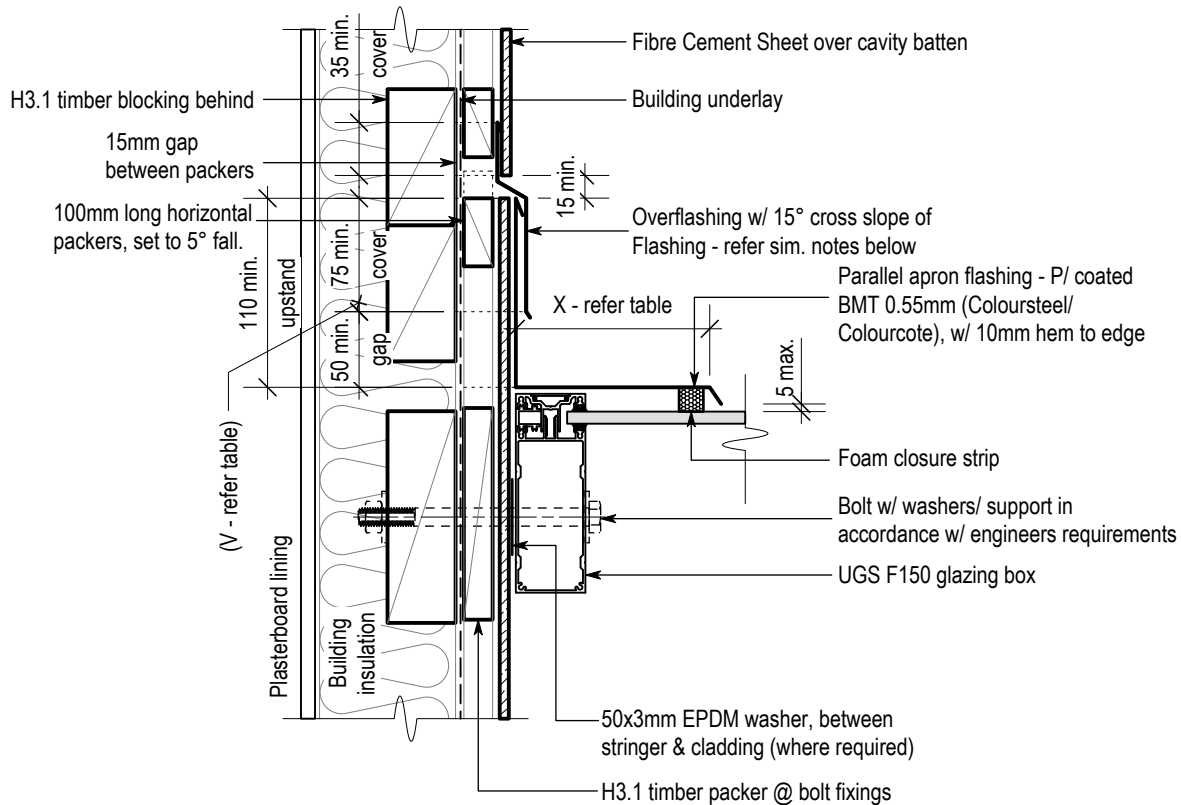
ISSUE	DATE	REVISION
DRAWING NAME: Transverse Apron - Fibre Cement Sheet, Cavity (F150 G/Box)		
DATE: 14-Dec-22		SCALE @ A4: 1:5
DWG: FS-03		REVISION

General Notes: 1 - All dimensions are in millimeters.(mm) 2 - Liaise with engineer where required.
3 - All structural supports required to support system are to comply with NZBC and New Zealand Building Act.

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	SITUATION 1	SITUATION 2	SITUATION 3
	1. Low, medium, high wind zones: roof pitch $\geq 10^\circ$	1. Very high wind zones: all roof pitches 2. Low, medium, high wind zones: roof pitch $\leq 10^\circ$	1. Extra high wind zones: all roof pitches
X	MIN. 130mm (Excluding any soft edge or turn-down to roofing)	MIN. 200mm (Excluding any soft edge or turn-down to roofing)	MIN. 200mm
V	MIN. 75mm	Min. 75mm	Min. 90mm

1. Flashing widths based on NZBC, clause E2/AS1, table 7.
2. All flashings to be installed in accordance w/ "New Zealand Metal Roofing Manufacturers Association".
3. All UGS profiles to have end plates installed where required.



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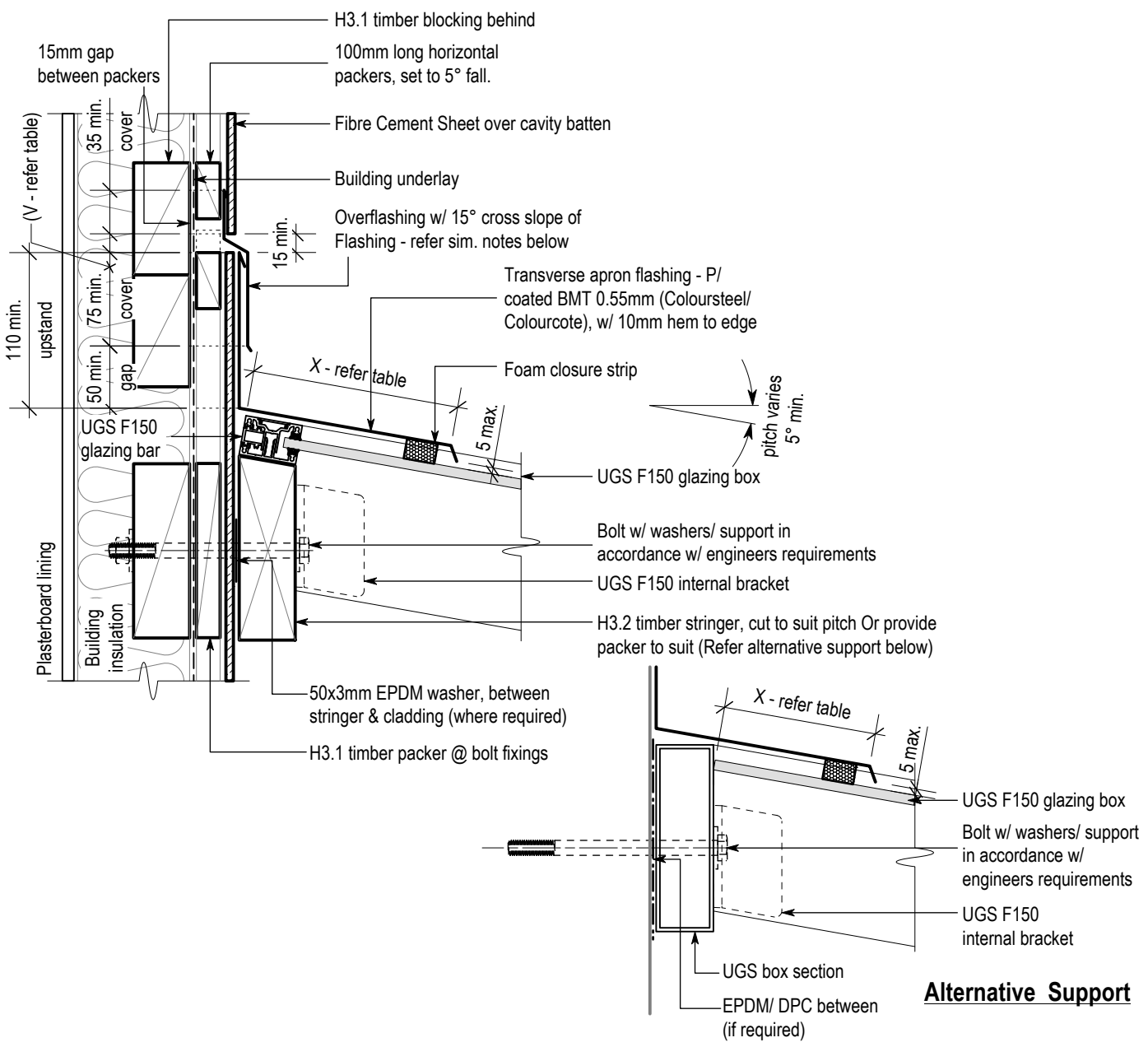
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ISSUE	DATE	REVISION
DRAWING NAME:		
Parallel Apron - Fibre Cement Sheet, Cavity (F150 G/Box)		DATE : 14-Dec-22
		SCALE @ A4: 1:5
		DWG: FS-04
REVISION		

General Notes: 1 - All dimensions are in millimeters.(mm) 2 - Liaise with engineer where required.
3 - All structural supports required to support system are to comply with NZBC and New Zealand Building Act.

	SITUATION 1	SITUATION 2	SITUATION 3
	1. Low, medium, high wind zones: roof pitch $\geq 10^\circ$	1. Very high wind zones: all roof pitches 2. Low, medium, high wind zones: roof pitch $\leq 10^\circ$	1. Extra high wind zones: all roof pitches
X	MIN. 130mm (Excluding any soft edge or turn-down to roofing)	MIN. 200mm (Excluding any soft edge or turn-down to roofing)	MIN. 200mm
V	MIN. 75mm	Min. 75mm	Min. 90mm

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2. All flashings to be installed in accordance w/ "New Zealand Metal Roofing Manufacturers Association".
3. All UGS profiles to have end plates installed where required.



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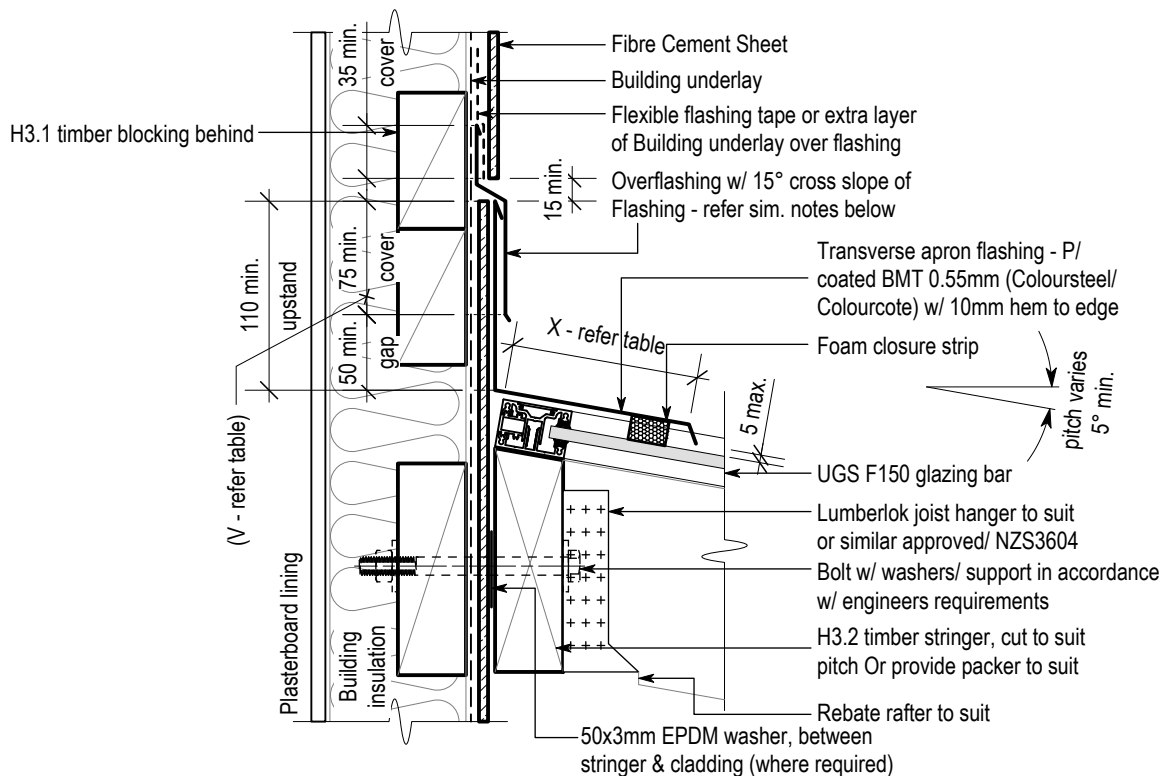
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ISSUE	DATE	REVISION
DRAWING NAME: Transverse Apron - Fibre Cement Sheet, Cavity (F150 G/Box)		
DATE :	14-Dec-22	
SCALE @ A4:	1:5	
DWG:	FS-05	
REVISION		

General Notes: 1 - All dimensions are in millimeters.(mm) 2 - Liaise with engineer where required.
3 - All structural supports required to support system are to comply with NZBC and New Zealand Building Act.

	SITUATION 1	SITUATION 2	SITUATION 3
	1. Low, medium, high wind zones: roof pitch $\geq 10^\circ$	1. Very high wind zones: all roof pitches 2. Low, medium, high wind zones: roof pitch $\leq 10^\circ$	1. Extra high wind zones: all roof pitches
X	MIN. 130mm (Excluding any soft edge or turn-down to roofing)	MIN. 200mm (Excluding any soft edge or turn-down to roofing)	MIN. 200mm
V	MIN. 75mm	Min. 75mm	Min. 90mm

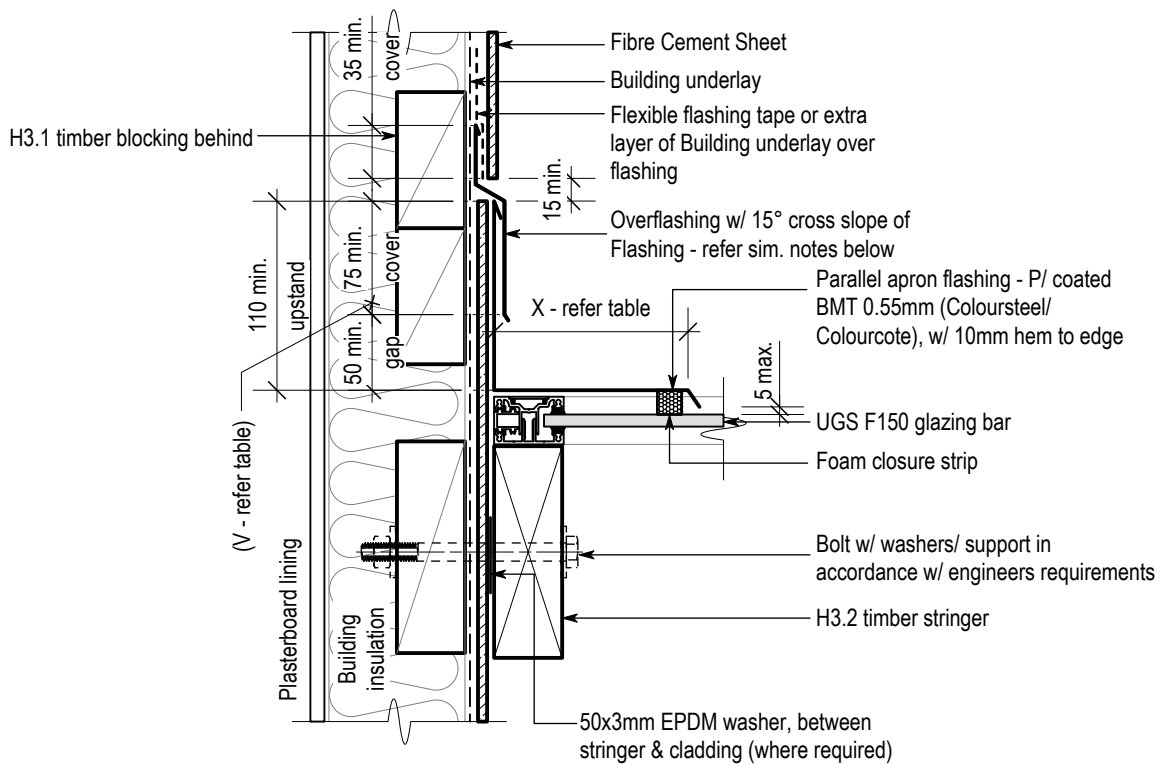
1. Flashing widths based on NZBC, clause E2/AS1, table 7.
2. All flashings to be installed in accordance w/ "New Zealand Metal Roofing Manufacturers Association".
3. All UGS profiles to have end plates installed where required.



ISSUE	DATE	REVISION
DRAWING NAME:		
Transverse Apron - Fibre Cement Sheet, Direct Fix (F150 G/Bar)		DATE : 14-Dec-22
		SCALE @ A4: 1:5
		DWG: FS-06
REVISION		

General Notes: 1 - All dimensions are in millimeters.(mm) 2 - Liaise with engineer where required.
3 - All structural supports required to support system are to comply with NZBC and New Zealand Building Act.

	SITUATION 1	SITUATION 2	SITUATION 3
	1. Low, medium, high wind zones: roof pitch $\geq 10^\circ$	1. Very high wind zones: all roof pitches 2. Low, medium, high wind zones: roof pitch $\leq 10^\circ$	1. Extra high wind zones: all roof pitches
X	MIN. 130mm (Excluding any soft edge or turn-down to roofing)	MIN. 200mm (Excluding any soft edge or turn-down to roofing)	MIN. 200mm
V	MIN. 75mm	Min. 75mm	Min. 90mm
1. Flashing widths based on NZBC, clause E2/AS1, table 7. 2. All flashings to be installed in accordance w/ "New Zealand Metal Roofing Manufacturers Association". 3. All UGS profiles to have end plates installed where required.			

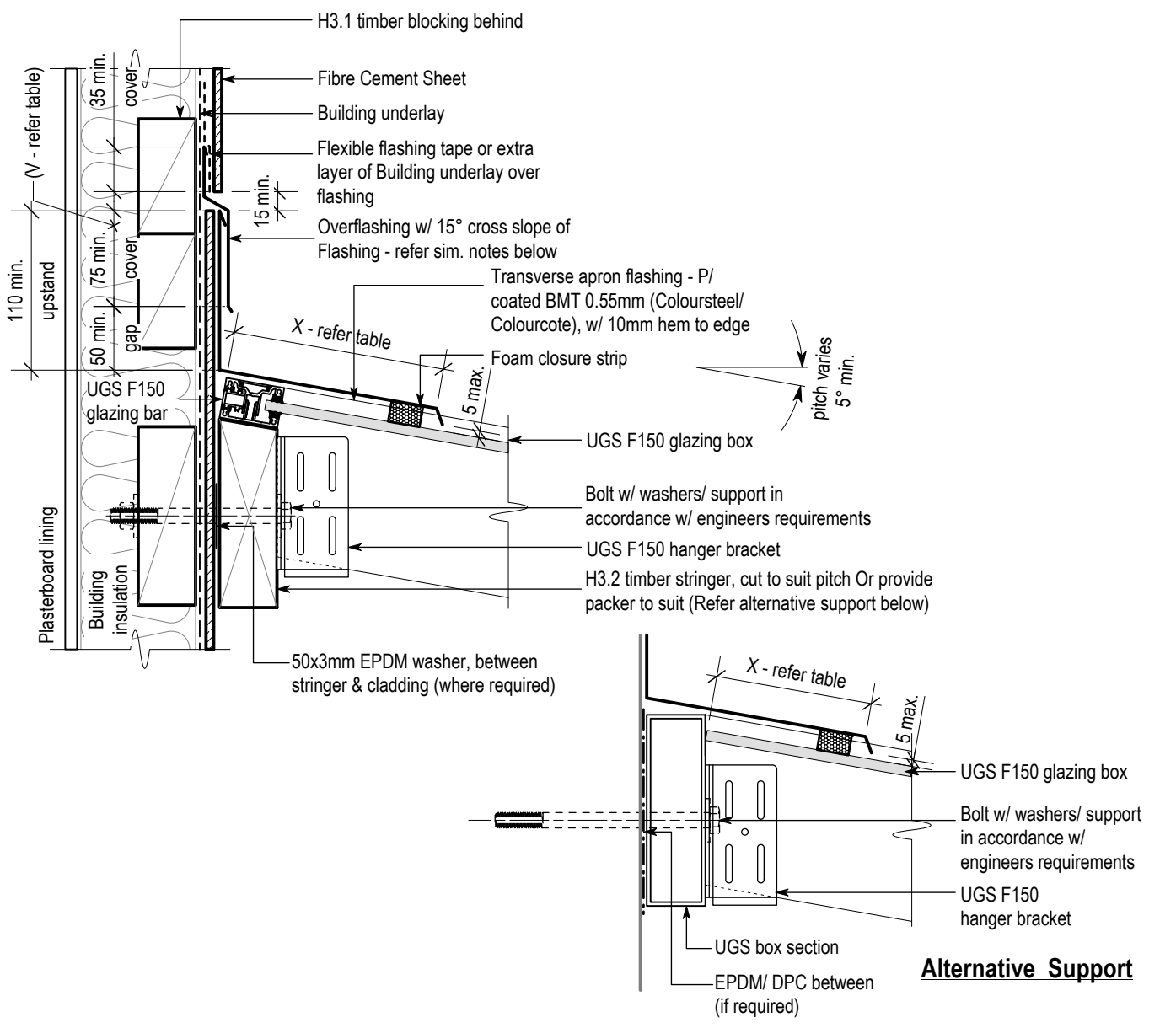


ISSUE	DATE	REVISION
DRAWING NAME:		
Parallel Apron - Fibre Cement Sheet, Direct Fix (F150 G/Bar)		DATE : 14-Dec-22
		SCALE @ A4: 1:5
		DWG: FS-07
REVISION		

General Notes: 1 - All dimensions are in millimeters.(mm) 2 - Liaise with engineer where required.
3 - All structural supports required to support system are to comply with NZBC and New Zealand Building Act.

	SITUATION 1	SITUATION 2	SITUATION 3
	1. Low, medium, high wind zones: roof pitch $\geq 10^\circ$	1. Very high wind zones: all roof pitches 2. Low, medium, high wind zones: roof pitch $\leq 10^\circ$	1. Extra high wind zones: all roof pitches
X	MIN. 130mm (Excluding any soft edge or turn-down to roofing)	MIN. 200mm (Excluding any soft edge or turn-down to roofing)	MIN. 200mm
V	MIN. 75mm	Min. 75mm	Min. 90mm

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ISSUE	DATE	REVISION

DRAWING NAME: **Transverse Apron - Fibre Cement Sheet, Direct Fix (F150 G/Box)**

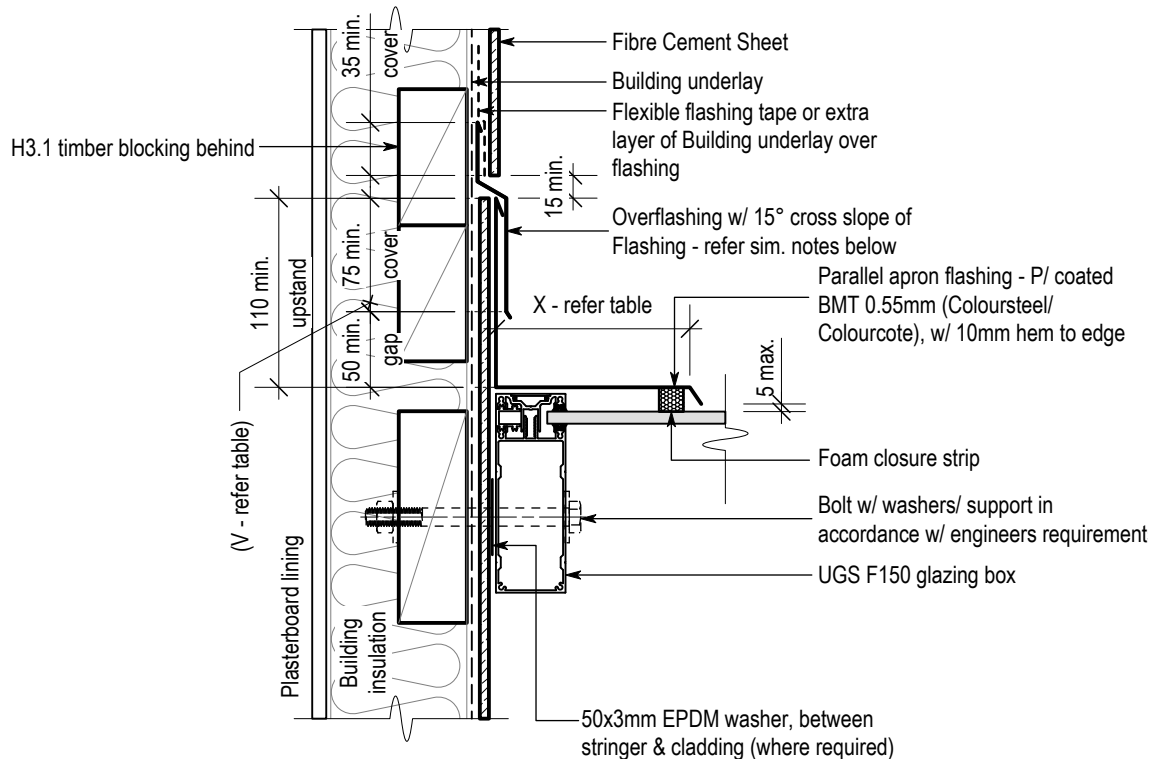
DATE :	14-Dec-22
SCALE @ A4:	1:5
DWG:	FS-08
REVISION	

General Notes: 1 - All dimensions are in millimeters.(mm) 2 - Liaise with engineer where required.
3 - All structural supports required to support system are to comply with NZBC and New Zealand Building Act.

ISSUED - 26-JAN-23

	SITUATION 1	SITUATION 2	SITUATION 3
	1. Low, medium, high wind zones: roof pitch $\geq 10^\circ$	1. Very high wind zones: all roof pitches 2. Low, medium, high wind zones: roof pitch $\leq 10^\circ$	1. Extra high wind zones: all roof pitches
X	MIN. 130mm (Excluding any soft edge or turn-down to roofing)	MIN. 200mm (Excluding any soft edge or turn-down to roofing)	MIN. 200mm
V	MIN. 75mm	Min. 75mm	Min. 90mm

1. Flashing widths based on NZBC, clause E2/AS1, table 7.
2. All flashings to be installed in accordance w/ "New Zealand Metal Roofing Manufacturers Association".
3. All UGS profiles to have end plates installed where required.

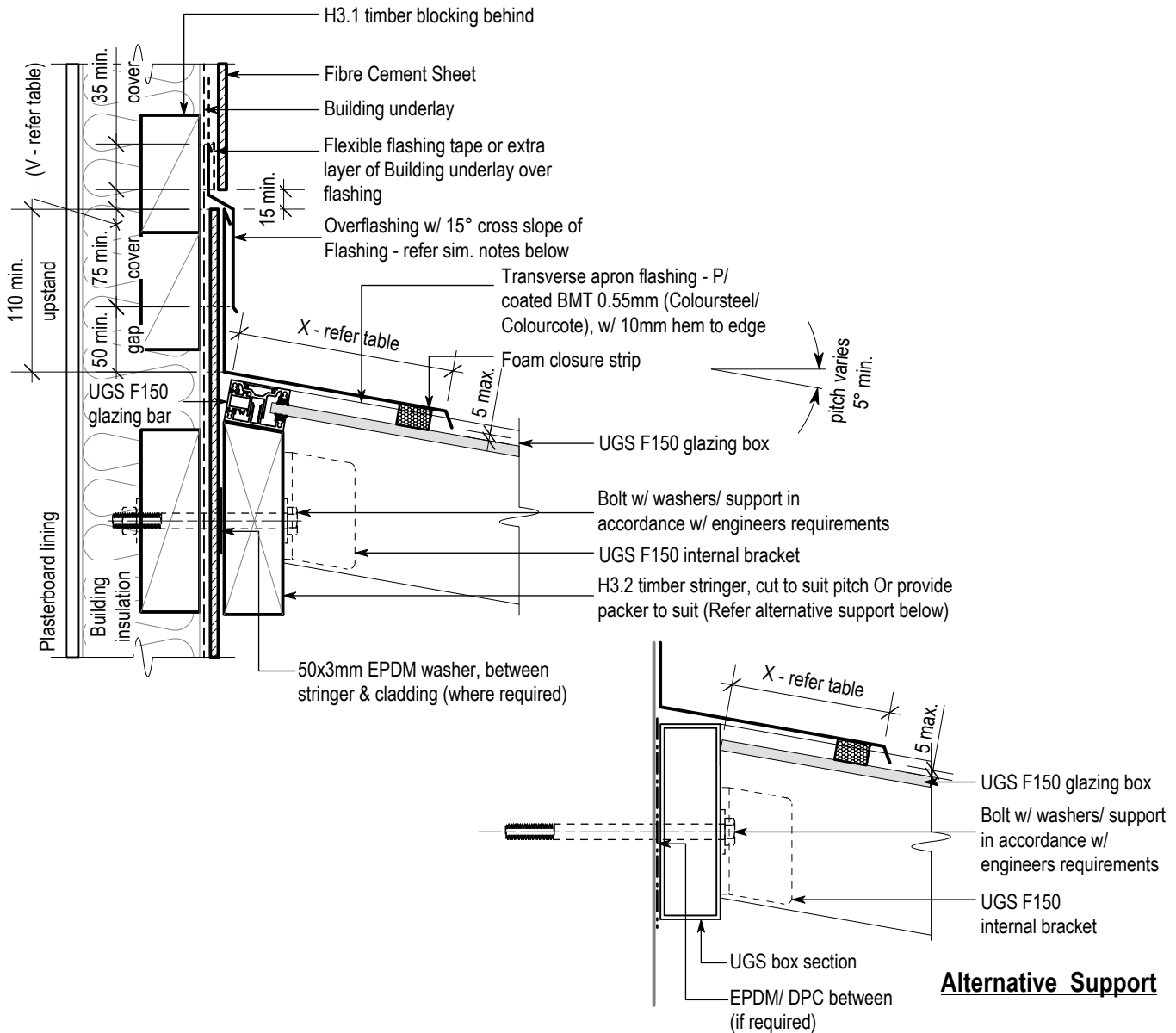


ISSUE	DATE	REVISION
DRAWING NAME:		
Parallel Apron - Fibre Cement Sheet, Direct Fix (F150 G/Box)		DATE : 14-Dec-22
		SCALE @ A4: 1:5
		DWG: FS-09
REVISION		

General Notes: 1 - All dimensions are in millimeters.(mm) 2 - Liaise with engineer where required.
3 - All structural supports required to support system are to comply with NZBC and New Zealand Building Act.

	SITUATION 1	SITUATION 2	SITUATION 3
	1. Low, medium, high wind zones: roof pitch $\geq 10^\circ$	1. Very high wind zones: all roof pitches 2. Low, medium, high wind zones: roof pitch $\leq 10^\circ$	1. Extra high wind zones: all roof pitches
X	MIN. 130mm (Excluding any soft edge or turn-down to roofing)	MIN. 200mm (Excluding any soft edge or turn-down to roofing)	MIN. 200mm
V	MIN. 75mm	Min. 75mm	Min. 90mm

1. Flashing widths based on NZBC, clause E2/AS1, table 7.
2. All flashings to be installed in accordance w/ "New Zealand Metal Roofing Manufacturers Association".
3. All UGS profiles to have end plates installed where required.



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ISSUE	DATE	REVISION
DRAWING NAME:		
Transverse Apron - Fibre Cement Sheet, Direct Fix (F150 G/Box)		DATE : 12-Dec-22
		SCALE @ A4: 1:5
		DWG: FS-10
REVISION		

General Notes: 1 - All dimensions are in millimeters.(mm) 2 - Liaise with engineer where required.
3 - All structural supports required to support system are to comply with NZBC and New Zealand Building Act.

ISSUED - 26-JAN-23



UNIVERSAL GLAZING SYSTEMS

ROOF DETAILS - EAVES, RIDGE, VALLEY

ISSUED - 26-JAN-23



UNIVERSAL
GLAZING SYSTEMS

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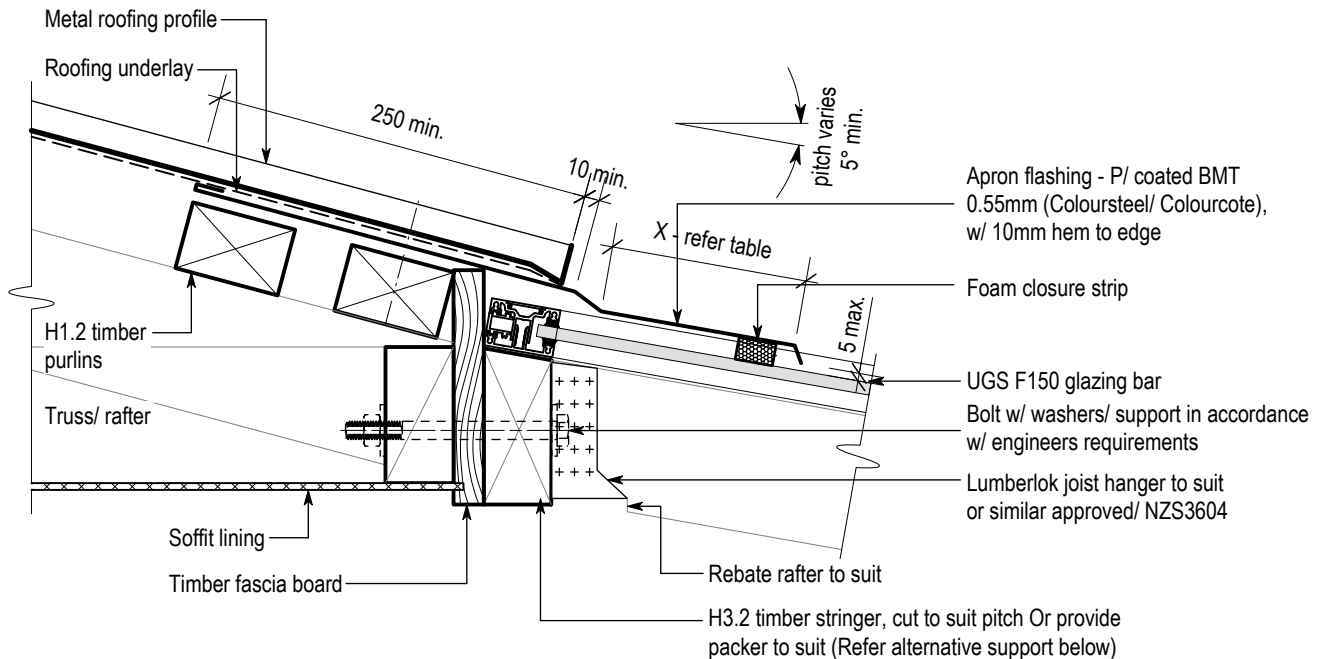
t: 021 2209517
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ISSUE	DATE	REVISION
DRAWING NAME:		
Roof Details - Eaves, Ridge, Valley		DATE : 20-Jan-23
		SCALE @ A4:
		DWG: R0-00
		REVISION

General Notes: 1 - All dimensions are in millimeters.(mm) 2 - Liaise with engineer where required.
3 - All structural supports required to support system are to comply with NZBC and New Zealand Building Act.

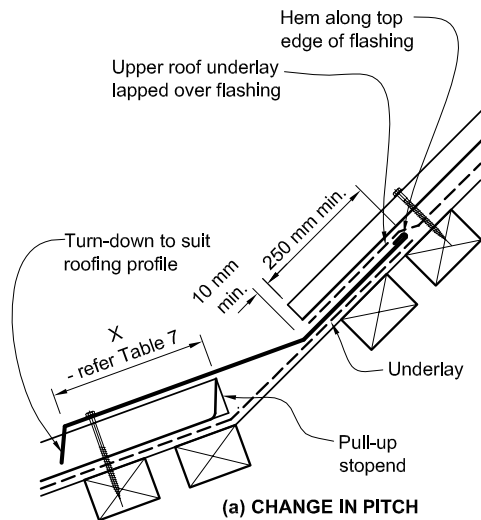
	SITUATION 1	SITUATION 2	SITUATION 3
	1. Low, medium, high wind zones: roof pitch $\geq 10^\circ$	1. Very high wind zones: all roof pitches 2. Low, medium, high wind zones: roof pitch $\leq 10^\circ$	1. Extra high wind zones: all roof pitches
X	MIN. 130mm (Excluding any soft edge or turn-down to roofing)	MIN. 200mm (Excluding any soft edge or turn-down to roofing)	MIN. 200mm
V	MIN. 75mm	Min. 75mm	Min. 90mm

1. Flashing widths based on NZBC, clause E2/AS1, table 7.
2. All flashings to be installed in accordance w/ "New Zealand Metal Roofing Manufacturers Association".
3. All UGS profiles to have end plates installed where required.



Read in conjunction w/ Figure 44 of E2/AS1 (shown below)

Figure 44: Apron flashing and change in pitch for profiled metal
Paragraphs 4.5, 8.4.11, 8.4.12, Table 7



ISSUE	DATE	REVISION
DRAWING NAME:		
Roof Eaves Detail (F150 G/Bar)		DATE : 14-Dec-22
		SCALE @ A4: 1:5
		DWG: RE-01
REVISION		

**UNIVERSAL
GLAZING SYSTEMS**

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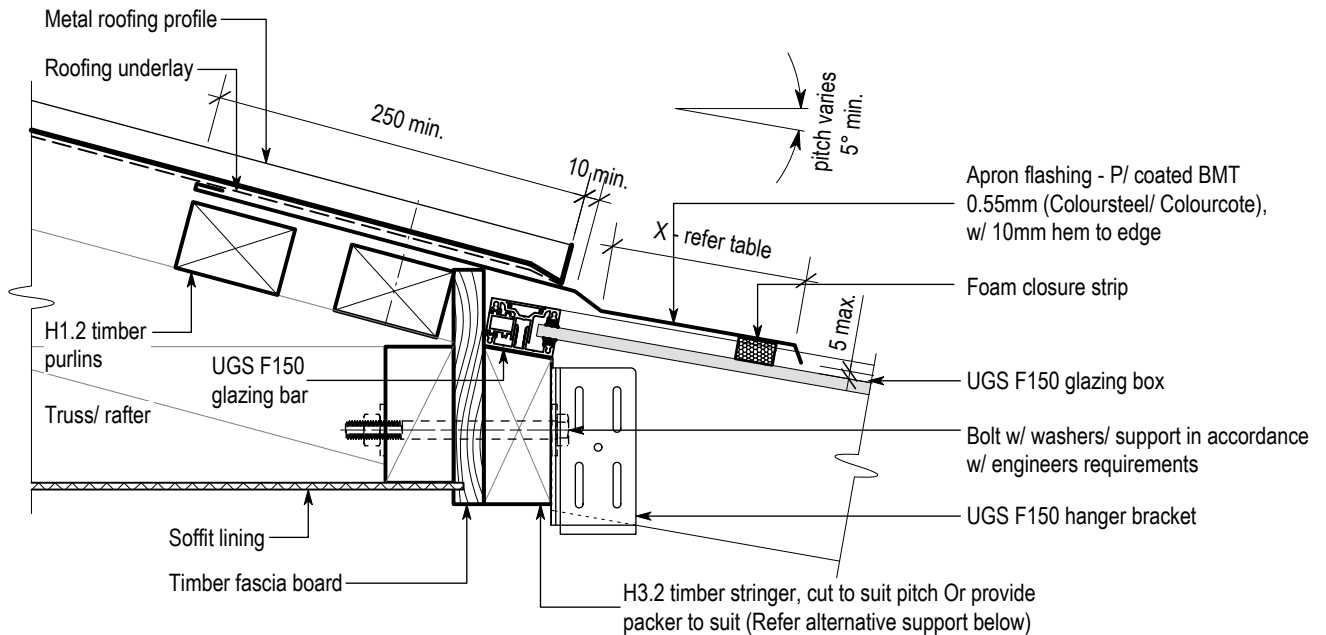
t: 021 2209517
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General Notes: 1 - All dimensions are in millimeters.(mm) 2 - Liaise with engineer where required.
3 - All structural supports required to support system are to comply with NZBC and New Zealand Building Act.

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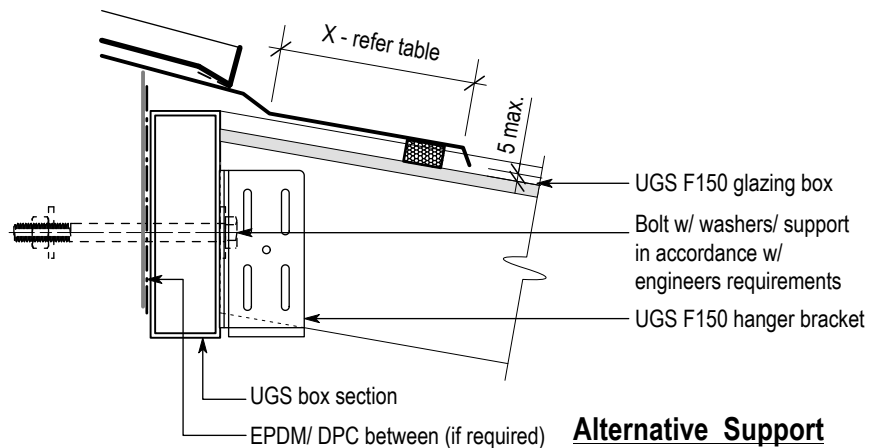
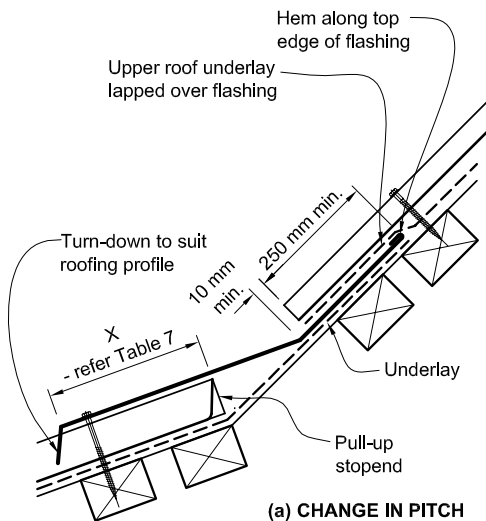
SITUATION 1	SITUATION 2	SITUATION 3
1. Low, medium, high wind zones: roof pitch $\geq 10^\circ$	1. Very high wind zones: all roof pitches 2. Low, medium, high wind zones: roof pitch $\leq 10^\circ$	1. Extra high wind zones: all roof pitches
X MIN. 130mm (Excluding any soft edge or turn-down to roofing)	MIN. 200mm (Excluding any soft edge or turn-down to roofing)	MIN. 200mm
V MIN. 75mm	Min. 75mm	Min. 90mm

1. Flashing widths based on NZBC, clause E2/AS1, table 7.
2. All flashings to be installed in accordance w/ "New Zealand Metal Roofing Manufacturers Association".
3. All UGS profiles to have end plates installed where required.



Read in conjunction w/ Figure 44 of E2/AS1 (shown below)

Figure 44: Apron flashing and change in pitch for profiled metal
Paragraphs 4.5, 8.4.11, 8.4.12, Table 7



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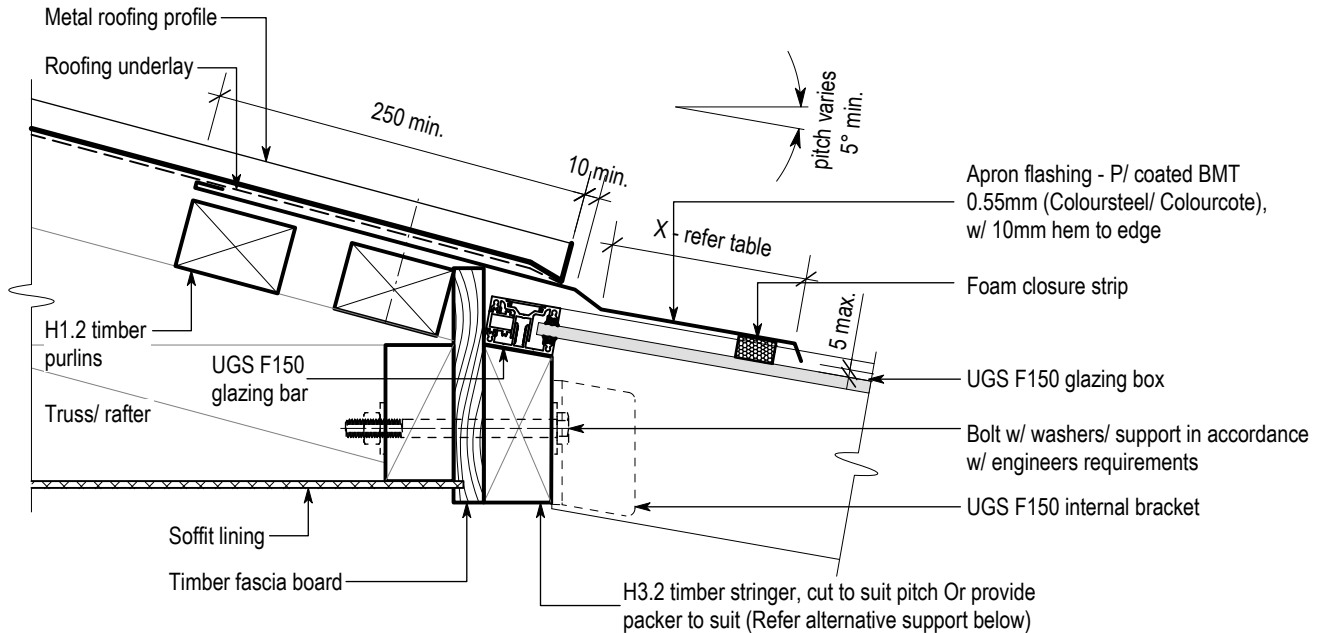
ISSUE	DATE	REVISION
DRAWING NAME: Roof Eaves Detail (F150 G/Box) w/ hanger bracket		
DATE :	14-Dec-22	
SCALE @ A4:	1:5	
DWG:	RE-02	
REVISION		

General Notes: 1 - All dimensions are in millimeters.(mm) 2 - Liaise with engineer where required.
3 - All structural supports required to support system are to comply with NZBC and New Zealand Building Act.

ISSUED - 26-JAN-23

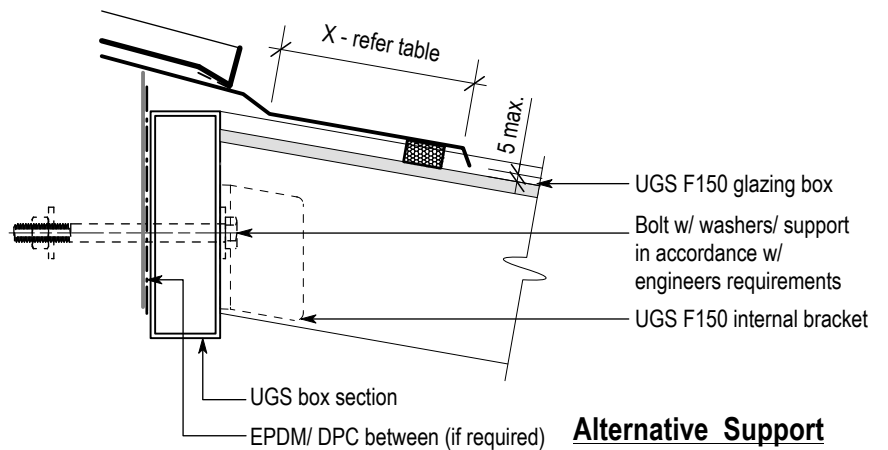
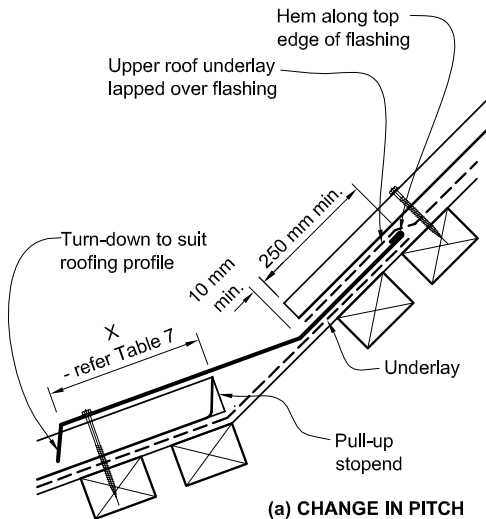
SITUATION 1	SITUATION 2	SITUATION 3
1. Low, medium, high wind zones: roof pitch $\geq 10^\circ$	1. Very high wind zones: all roof pitches 2. Low, medium, high wind zones: roof pitch $\leq 10^\circ$	1. Extra high wind zones: all roof pitches
X MIN. 130mm (Excluding any soft edge or turn-down to roofing)	MIN. 200mm (Excluding any soft edge or turn-down to roofing)	MIN. 200mm
V MIN. 75mm	Min. 75mm	Min. 90mm

1. Flashing widths based on NZBC, clause E2/AS1, table 7.
2. All flashings to be installed in accordance w/ "New Zealand Metal Roofing Manufacturers Association".
3. All UGS profiles to have end plates installed where required.



Read in conjunction w/ Figure 44 of E2/AS1 (shown below)

Figure 44: Apron flashing and change in pitch for profiled metal
Paragraphs 4.5, 8.4.11, 8.4.12, Table 7



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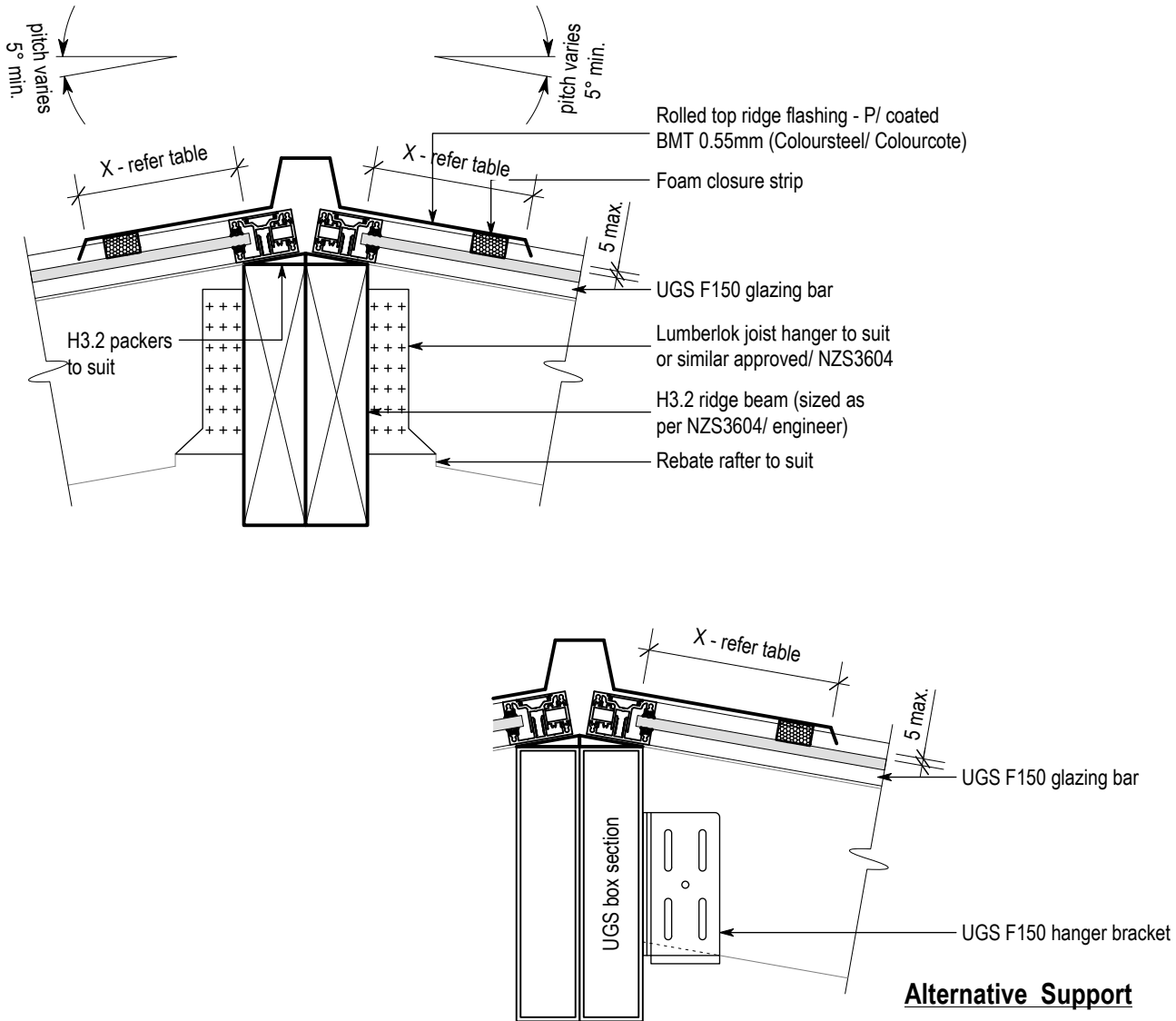
ISSUE	DATE	REVISION
DRAWING NAME: Roof Eaves Detail (F150 G/Box) w/ internal bracket		
DATE :	12-Dec-22	
SCALE @ A4:	1:5	
DWG:	RE-03	
REVISION		

General Notes: 1 - All dimensions are in millimeters.(mm) 2 - Liaise with engineer where required.
3 - All structural supports required to support system are to comply with NZBC and New Zealand Building Act.

ISSUED - 26-JAN-23

	SITUATION 1	SITUATION 2	SITUATION 3
	1. Low, medium, high wind zones: roof pitch $\geq 10^\circ$	1. Very high wind zones: all roof pitches 2. Low, medium, high wind zones: roof pitch $\leq 10^\circ$	1. Extra high wind zones: all roof pitches
X	MIN. 130mm (Excluding any soft edge or turn-down to roofing)	MIN. 200mm (Excluding any soft edge or turn-down to roofing)	MIN. 200mm
V	MIN. 75mm	Min. 75mm	Min. 90mm

1. Flashing widths based on NZBC, clause E2/AS1, table 7.
2. All flashings to be installed in accordance w/ "New Zealand Metal Roofing Manufacturers Association".
3. All UGS profiles to have end plates installed where required.



ISSUED - 26-JAN-23



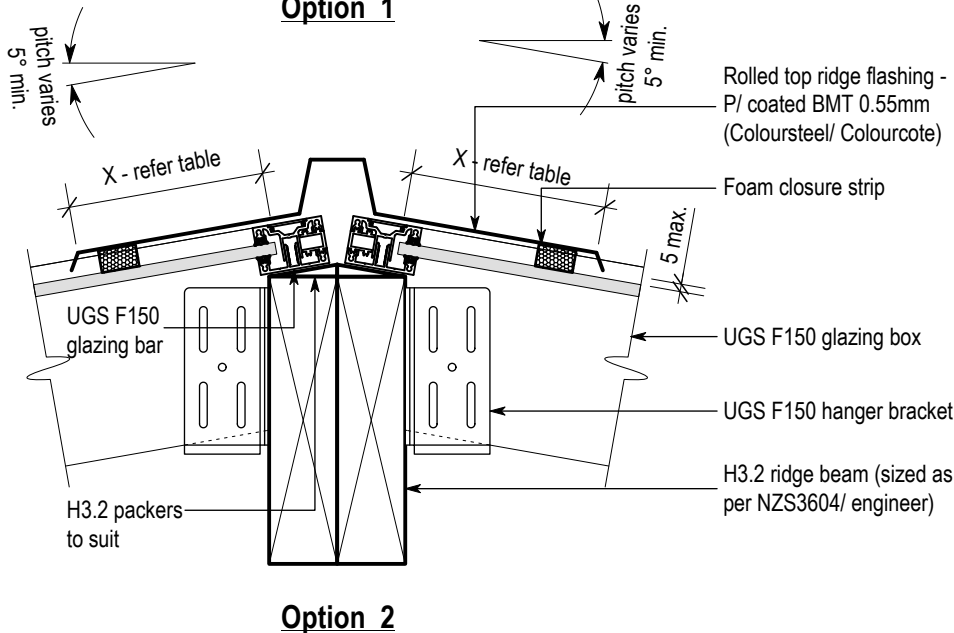
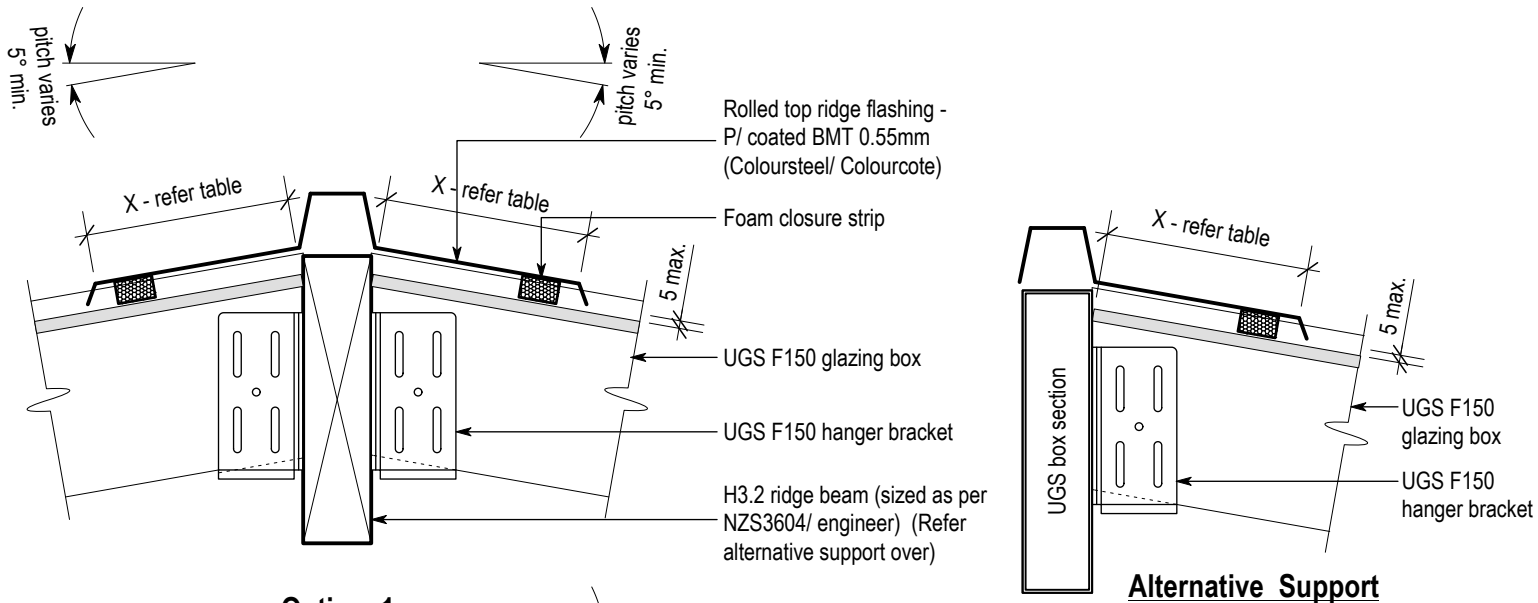
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ISSUE	DATE	REVISION
DRAWING NAME: Roof Ridge Detail - (F150 G/Bar)		
DATE :	14-Dec-22	
SCALE @ A4:	1:5	
DWG:	RR-01	
REVISION		

General Notes: 1 - All dimensions are in millimeters.(mm) 2 - Liaise with engineer where required.
 3 - All structural supports required to support system are to comply with NZBC and New Zealand Building Act.

SITUATION 1	SITUATION 2	SITUATION 3
1. Low, medium, high wind zones: roof pitch $\geq 10^\circ$	1. Very high wind zones: all roof pitches 2. Low, medium, high wind zones: roof pitch $\leq 10^\circ$	1. Extra high wind zones: all roof pitches
X MIN. 130mm (Excluding any soft edge or turn-down to roofing)	MIN. 200mm (Excluding any soft edge or turn-down to roofing)	MIN. 200mm
V MIN. 75mm	Min. 75mm	Min. 90mm

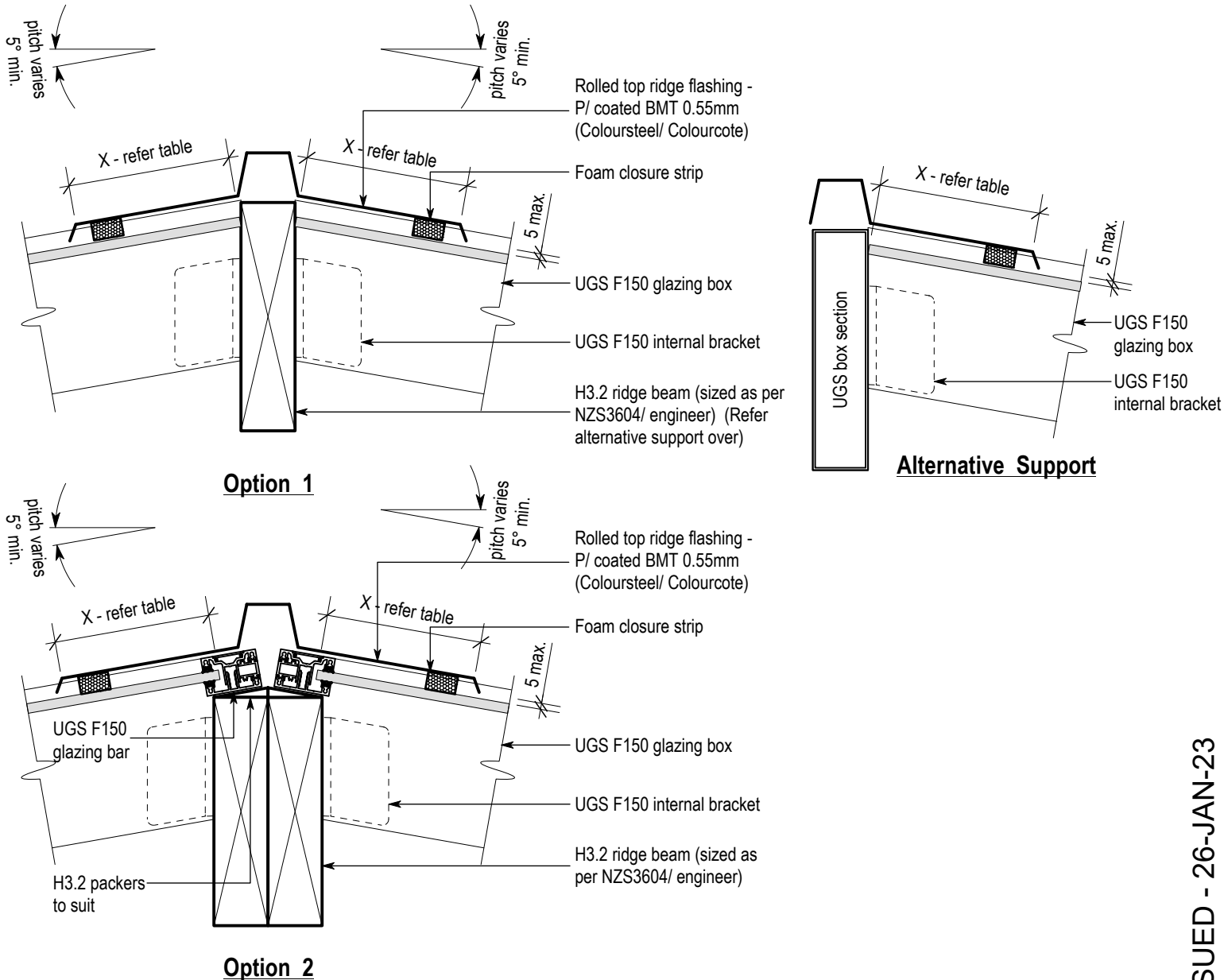
1. Flashing widths based on NZBC, clause E2/AS1, table 7.
2. All flashings to be installed in accordance w/ "New Zealand Metal Roofing Manufacturers Association".
3. All UGS profiles to have end plates installed where required.



ISSUE	DATE	REVISION
DRAWING NAME:		
Roof Ridge Detail - (F150 G/Box) w/ hanger bracket		DATE : 14-Dec-22
		SCALE @ A4: 1:5
		DWG: RR-02
REVISION		

General Notes: 1 - All dimensions are in millimeters.(mm) 2 - Liaise with engineer where required.
3 - All structural supports required to support system are to comply with NZBC and New Zealand Building Act.

	SITUATION 1	SITUATION 2	SITUATION 3
	1. Low, medium, high wind zones: roof pitch $\geq 10^\circ$	1. Very high wind zones: all roof pitches 2. Low, medium, high wind zones: roof pitch $\leq 10^\circ$	1. Extra high wind zones: all roof pitches
X	MIN. 130mm (Excluding any soft edge or turn-down to roofing)	MIN. 200mm (Excluding any soft edge or turn-down to roofing)	MIN. 200mm
V	MIN. 75mm	Min. 75mm	Min. 90mm
1. Flashing widths based on NZBC, clause E2/AS1, table 7. 2. All flashings to be installed in accordance w/ "New Zealand Metal Roofing Manufacturers Association". 3. All UGS profiles to have end plates installed where required.			



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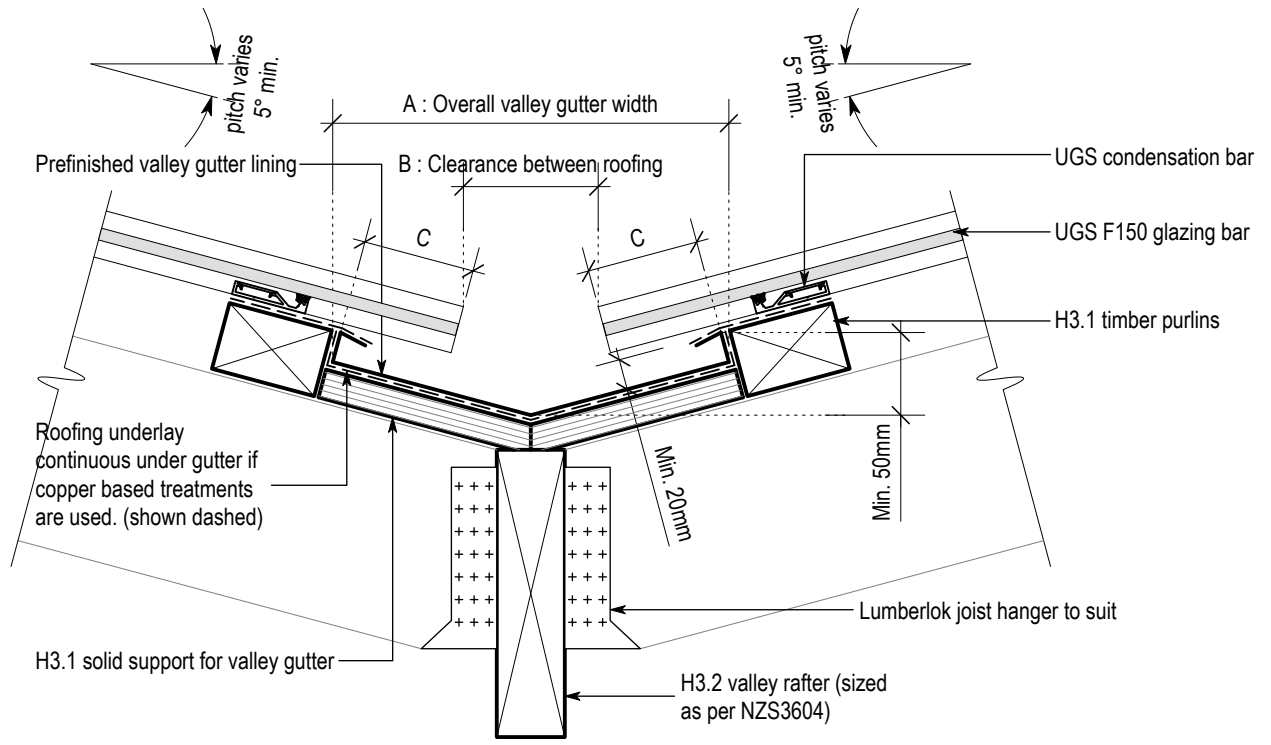
ISSUE	DATE	REVISION
DRAWING NAME:		
Roof Ridge Detail - (F150 G/Box) w/ internal bracket		DATE : 12-Dec-22
		SCALE @ A4: 1:5
		DWG: RR-03
REVISION		

General Notes: 1 - All dimensions are in millimeters.(mm) 2 - Liaise with engineer where required.
3 - All structural supports required to support system are to comply with NZBC and New Zealand Building Act.

ISSUED - 26-JAN-23

	TYPE 1	TYPE 2
	Max. catchment 25m ² : min. roof pitch 8°	Max. catchment 16m ² : min. roof pitch 12.5°
A	MIN. 250mm	160mm - 249mm
B	MIN. 50mm	MIN. 40mm
C	MIN. 80mm	MIN. 60mm

1. All flashings to be installed in accordance w/ "New Zealand Metal Roofing Manufacturers Association".
2. All UGS profiles to have end plates installed where required.



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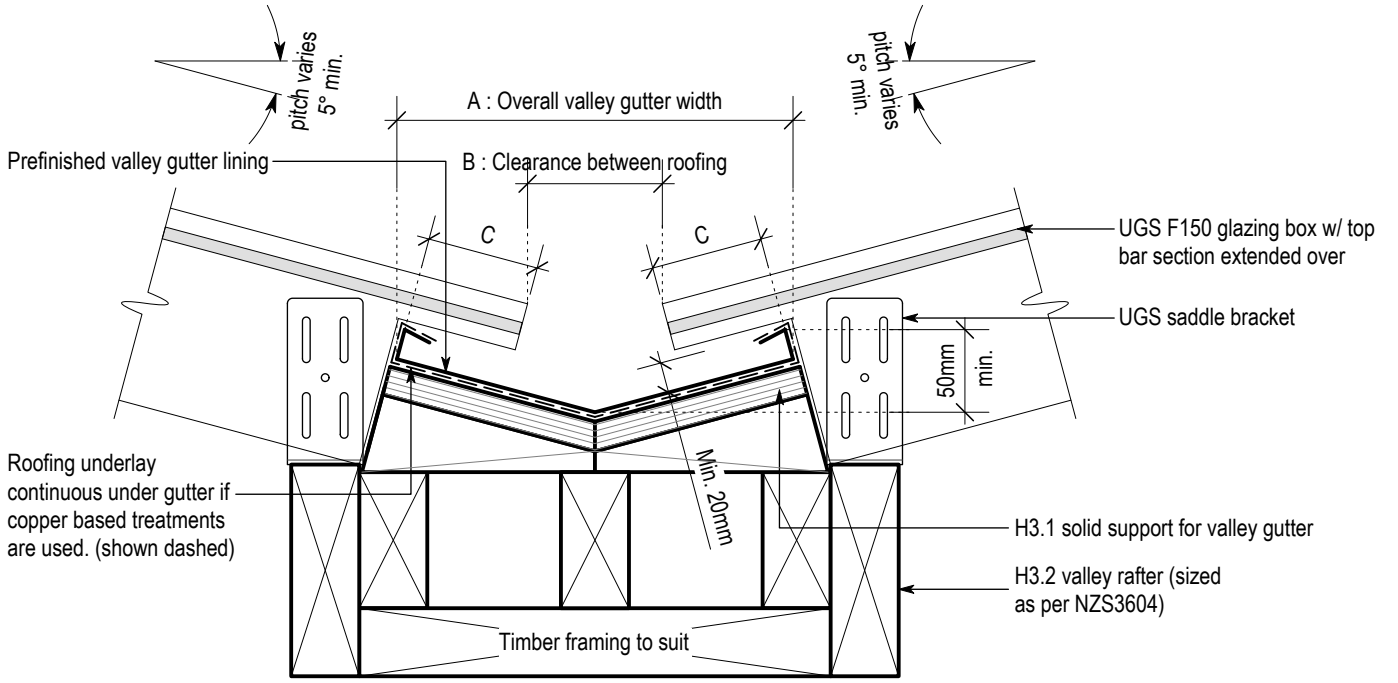
ISSUE	DATE	REVISION
DRAWING NAME: Roof Valley Gutter Detail - (F150 G/Bar)		
DATE: 14-Dec-22		SCALE @ A4: 1:5
DWG: RV-01		REVISION

General Notes: 1 - All dimensions are in millimeters.(mm) 2 - Liaise with engineer where required.
3 - All structural supports required to support system are to comply with NZBC and New Zealand Building Act.

ISSUED - 26-JAN-23

	TYPE 1	TYPE 2
	Max. catchment 25m ² : min. roof pitch 8°	Max. catchment 16m ² : min. roof pitch 12.5°
A	MIN. 250mm	160mm - 249mm
B	MIN. 50mm	MIN. 40mm
C	MIN. 80mm	MIN. 60mm

1. All flashings to be installed in accordance w/ "New Zealand Metal Roofing Manufacturers Association".
2. All UGS profiles to have end plates installed where required.



Option 1

ISSUED - 26-JAN-23



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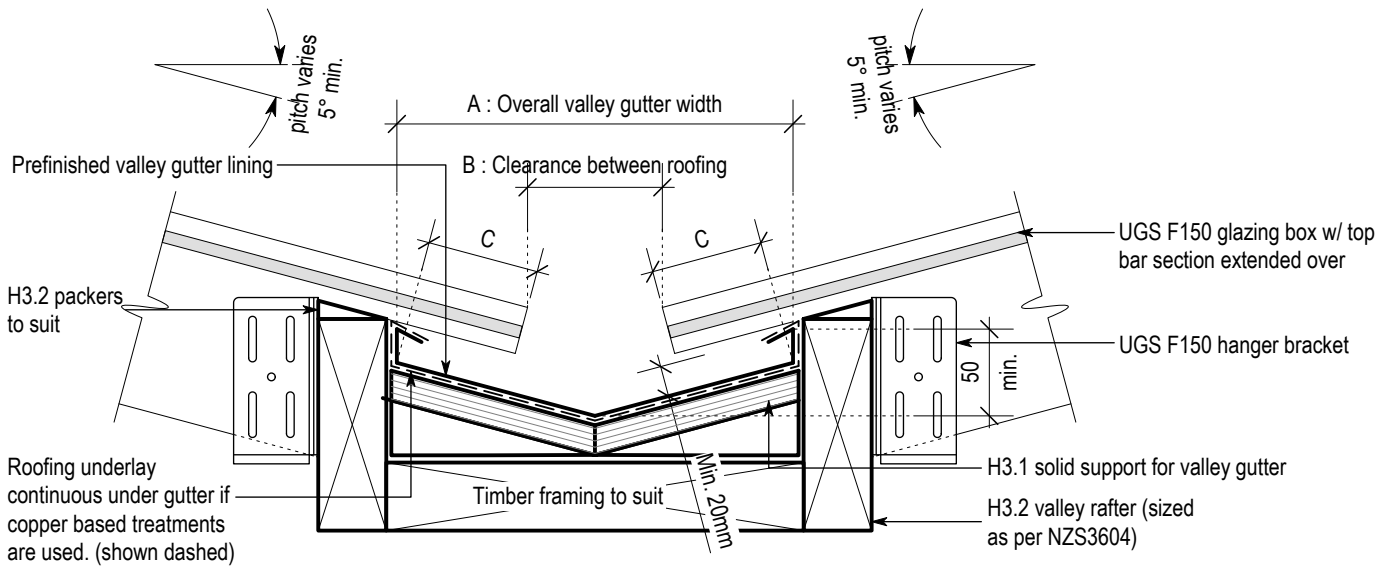
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ISSUE	DATE	REVISION
DRAWING NAME:		
Roof Valley Gutter Detail - (F150 G/Box) w/ saddle bracket		DATE : 14-Dec-22
		SCALE @ A4: 1:5
		DWG: RV-02
REVISION		

General Notes: 1 - All dimensions are in millimeters.(mm) 2 - Liaise with engineer where required.
3 - All structural supports required to support system are to comply with NZBC and New Zealand Building Act.

	TYPE 1	TYPE 2
	Max. catchment 25m ² : min. roof pitch 8°	Max. catchment 16m ² : min. roof pitch 12.5°
A	MIN. 250mm	160mm - 249mm
B	MIN. 50mm	MIN. 40mm
C	MIN. 80mm	MIN. 60mm

1. All flashings to be installed in accordance w/ "New Zealand Metal Roofing Manufacturers Association".
2. All UGS profiles to have end plates installed where required.



Option 2

ISSUED - 26-JAN-23



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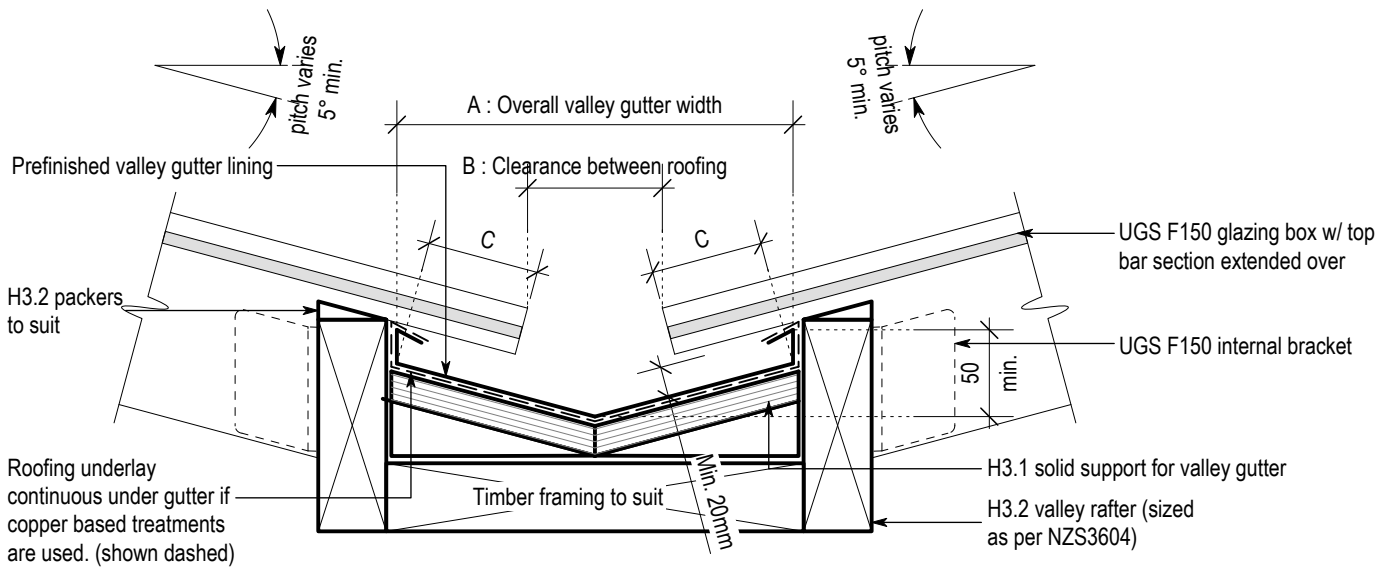
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ISSUE	DATE	REVISION
DRAWING NAME:		
Roof Valley Gutter Detail - (F150 G/Box) w/ hanger bracket		DATE : 14-Dec-22
		SCALE @ A4: 1:5
		DWG: RV-03
REVISION		

General Notes: 1 - All dimensions are in millimeters.(mm) 2 - Liaise with engineer where required.
3 - All structural supports required to support system are to comply with NZBC and New Zealand Building Act.

	TYPE 1	TYPE 2
	Max. catchment 25m ² : min. roof pitch 8°	Max. catchment 16m ² : min. roof pitch 12.5°
A	MIN. 250mm	160mm - 249mm
B	MIN. 50mm	MIN. 40mm
C	MIN. 80mm	MIN. 60mm

1. All flashings to be installed in accordance w/ "New Zealand Metal Roofing Manufacturers Association".
2. All UGS profiles to have end plates installed where required.



Option 3

ISSUED - 26-JAN-23



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ISSUE	DATE	REVISION
DRAWING NAME:		
Roof Valley Gutter Detail - (F150 G/Box) w/ internal bracket		DATE : 14-Dec-22
		SCALE @ A4: 1:5
		DWG: RV-04
REVISION		

General Notes: 1 - All dimensions are in millimeters.(mm) 2 - Liaise with engineer where required.
3 - All structural supports required to support system are to comply with NZBC and New Zealand Building Act.



UNIVERSAL GLAZING SYSTEMS

BEVEL-BACK WEATHERBOARD DETAILS

ISSUED - 26-JAN-23



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GLAZING SYSTEMS

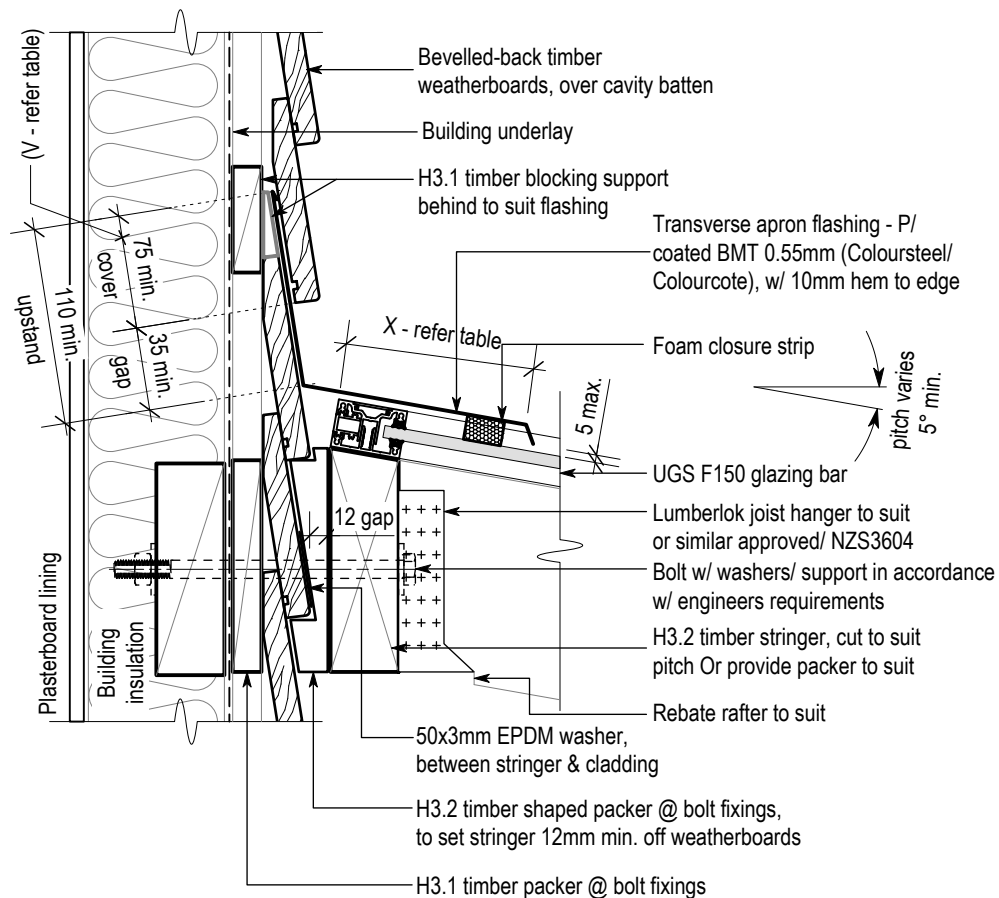
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ISSUE	DATE	REVISION
DRAWING NAME:		
Bevel-Back Weatherboard Details		DATE : 20-Jan-23
		SCALE @ A4:
		DWG: WB-00
		REVISION

General Notes: 1 - All dimensions are in millimeters.(mm) 2 - Liaise with engineer where required.
3 - All structural supports required to support system are to comply with NZBC and New Zealand Building Act.

	SITUATION 1	SITUATION 2	SITUATION 3
	1. Low, medium, high wind zones: roof pitch $\geq 10^\circ$	1. Very high wind zones: all roof pitches 2. Low, medium, high wind zones: roof pitch $\leq 10^\circ$	1. Extra high wind zones: all roof pitches
X	MIN. 130mm (Excluding any soft edge or turn-down to roofing)	MIN. 200mm (Excluding any soft edge or turn-down to roofing)	MIN. 200mm
V	MIN. 75mm	Min. 75mm	Min. 90mm
1. Flashing widths based on NZBC, clause E2/AS1, table 7. 2. All flashings to be installed in accordance w/ "New Zealand Metal Roofing Manufacturers Association". 3. All UGS profiles to have end plates installed where required.			



ISSUED - 26-JAN-23



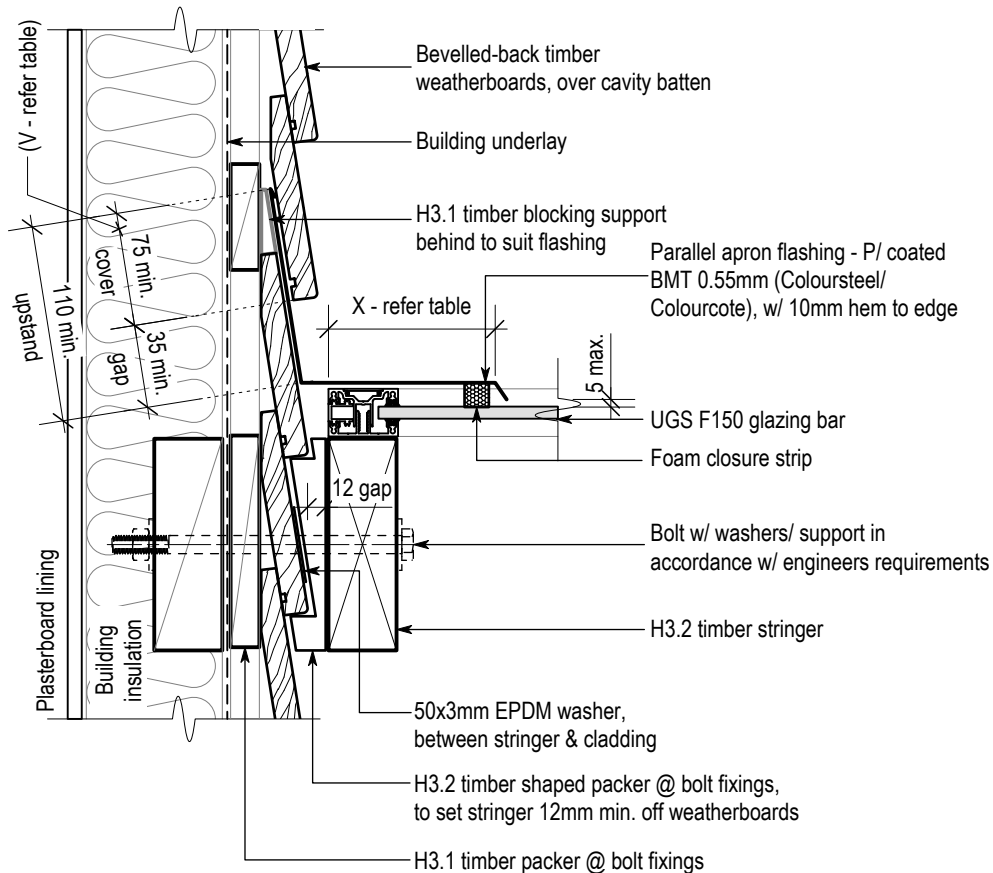
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ISSUE	DATE	REVISION
DRAWING NAME:		
Transverse Apron - BB Weatherbds, Cavity (F150 G/Bar) Retro		DATE : 26-Jan-23
		SCALE @ A4: 1:5
		DWG: WBC-01
REVISION		

General Notes: 1 - All dimensions are in millimeters.(mm) 2 - Liaise with engineer where required.
3 - All structural supports required to support system are to comply with NZBC and New Zealand Building Act.

	SITUATION 1	SITUATION 2	SITUATION 3
	1. Low, medium, high wind zones: roof pitch $\geq 10^\circ$	1. Very high wind zones: all roof pitches 2. Low, medium, high wind zones: roof pitch $\leq 10^\circ$	1. Extra high wind zones: all roof pitches
X	MIN. 130mm (Excluding any soft edge or turn-down to roofing)	MIN. 200mm (Excluding any soft edge or turn-down to roofing)	MIN. 200mm
V	MIN. 75mm	Min. 75mm	Min. 90mm
1. Flashing widths based on NZBC, clause E2/AS1, table 7. 2. All flashings to be installed in accordance w/ "New Zealand Metal Roofing Manufacturers Association". 3. All UGS profiles to have end plates installed where required.			



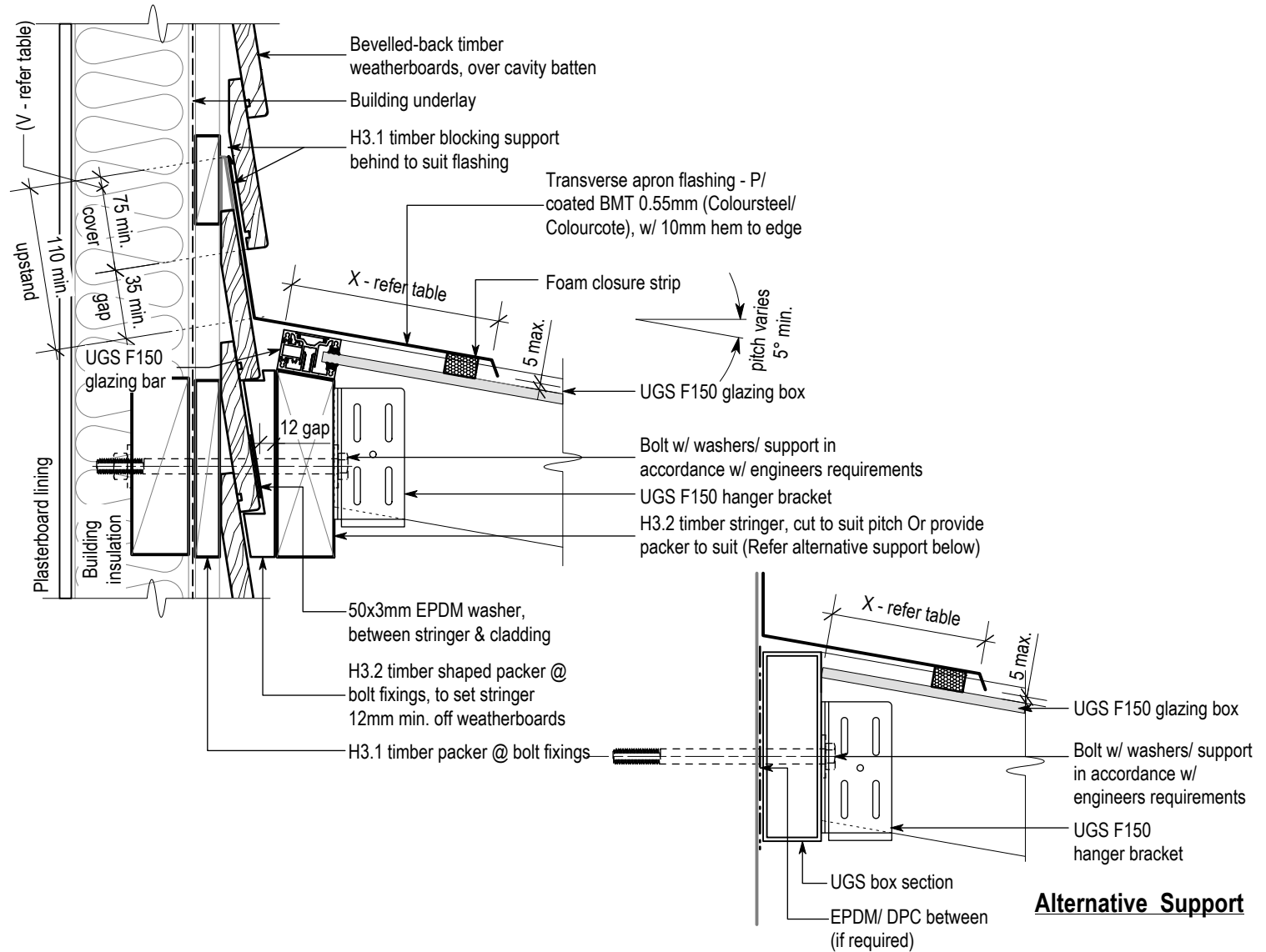
ISSUED - 26-JAN-23

ISSUE	DATE	REVISION
DRAWING NAME:		
Parallel Apron - BB Weatherbds, Cavity (F150 G/Bar) Retro		DATE : 26-Jan-23
		SCALE @ A4: 1:5
		DWG: WBC-02
REVISION		

General Notes: 1 - All dimensions are in millimeters.(mm) 2 - Liaise with engineer where required.
3 - All structural supports required to support system are to comply with NZBC and New Zealand Building Act.

	SITUATION 1	SITUATION 2	SITUATION 3
	1. Low, medium, high wind zones: roof pitch $\geq 10^\circ$	1. Very high wind zones: all roof pitches 2. Low, medium, high wind zones: roof pitch $\leq 10^\circ$	1. Extra high wind zones: all roof pitches
X	MIN. 130mm (Excluding any soft edge or turn-down to roofing)	MIN. 200mm (Excluding any soft edge or turn-down to roofing)	MIN. 200mm
V	MIN. 75mm	Min. 75mm	Min. 90mm

1. Flashing widths based on NZBC, clause E2/AS1, table 7.
2. All flashings to be installed in accordance w/ "New Zealand Metal Roofing Manufacturers Association".
3. All UGS profiles to have end plates installed where required.



ISSUED - 26-JAN-23



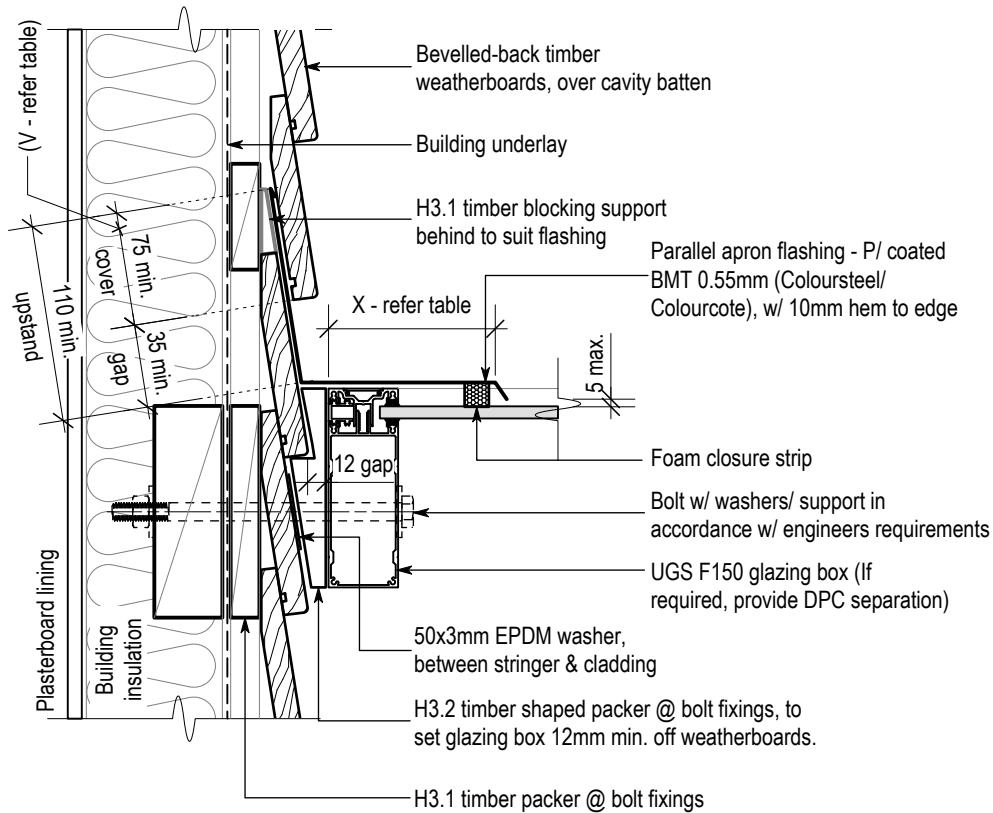
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ISSUE	DATE	REVISION
DRAWING NAME:		
Transverse Apron - BB Weatherbds, Cavity (F150 G/Box) Retro		
DATE :	26-Jan-23	
SCALE @ A4:	1:5	
DWG:	WBC-03	
REVISION		

General Notes: 1 - All dimensions are in millimeters.(mm) 2 - Liaise with engineer where required.
3 - All structural supports required to support system are to comply with NZBC and New Zealand Building Act.

	SITUATION 1	SITUATION 2	SITUATION 3
	1. Low, medium, high wind zones: roof pitch $\geq 10^\circ$	1. Very high wind zones: all roof pitches 2. Low, medium, high wind zones: roof pitch $\leq 10^\circ$	1. Extra high wind zones: all roof pitches
X	MIN. 130mm (Excluding any soft edge or turn-down to roofing)	MIN. 200mm (Excluding any soft edge or turn-down to roofing)	MIN. 200mm
V	MIN. 75mm	Min. 75mm	Min. 90mm
1. Flashing widths based on NZBC, clause E2/AS1, table 7. 2. All flashings to be installed in accordance w/ "New Zealand Metal Roofing Manufacturers Association". 3. All UGS profiles to have end plates installed where required.			



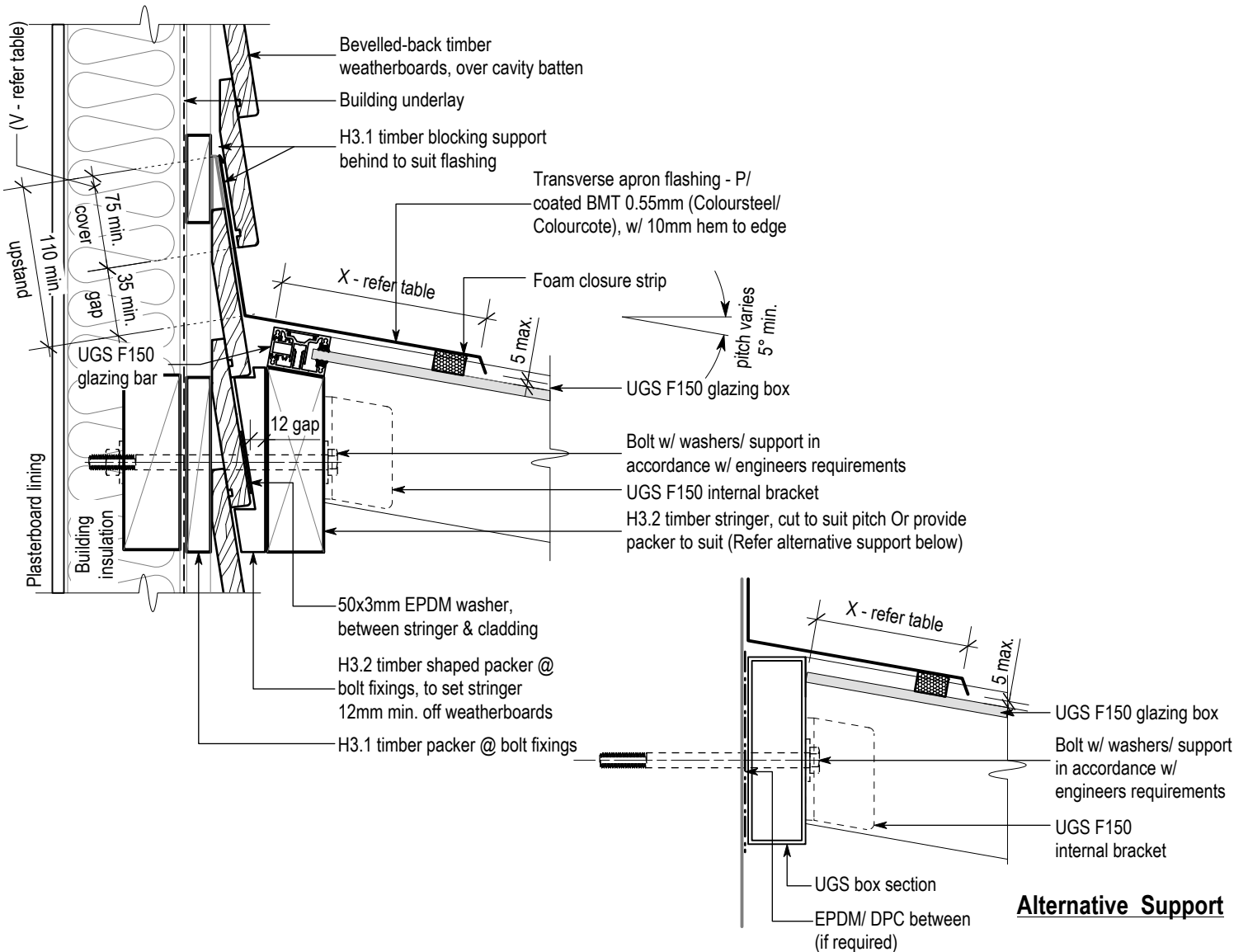
ISSUED - 26-JAN-23

ISSUE	DATE	REVISION
DRAWING NAME:		
Parallel Apron - BB Weatherbds, Cavity (F150 G/Box) Retro		DATE: 26-Jan-23
		SCALE @ A4: 1:5
		DWG: WBC-04
REVISION		

General Notes: 1 - All dimensions are in millimeters.(mm) 2 - Liaise with engineer where required.
3 - All structural supports required to support system are to comply with NZBC and New Zealand Building Act.

SITUATION 1	SITUATION 2	SITUATION 3
1. Low, medium, high wind zones: roof pitch $\geq 10^\circ$	1. Very high wind zones: all roof pitches 2. Low, medium, high wind zones: roof pitch $\leq 10^\circ$	1. Extra high wind zones: all roof pitches
X MIN. 130mm (Excluding any soft edge or turn-down to roofing)	MIN. 200mm (Excluding any soft edge or turn-down to roofing)	MIN. 200mm
V MIN. 75mm	Min. 75mm	Min. 90mm

1. Flashing widths based on NZBC, clause E2/AS1, table 7.
2. All flashings to be installed in accordance w/ "New Zealand Metal Roofing Manufacturers Association".
3. All UGS profiles to have end plates installed where required.



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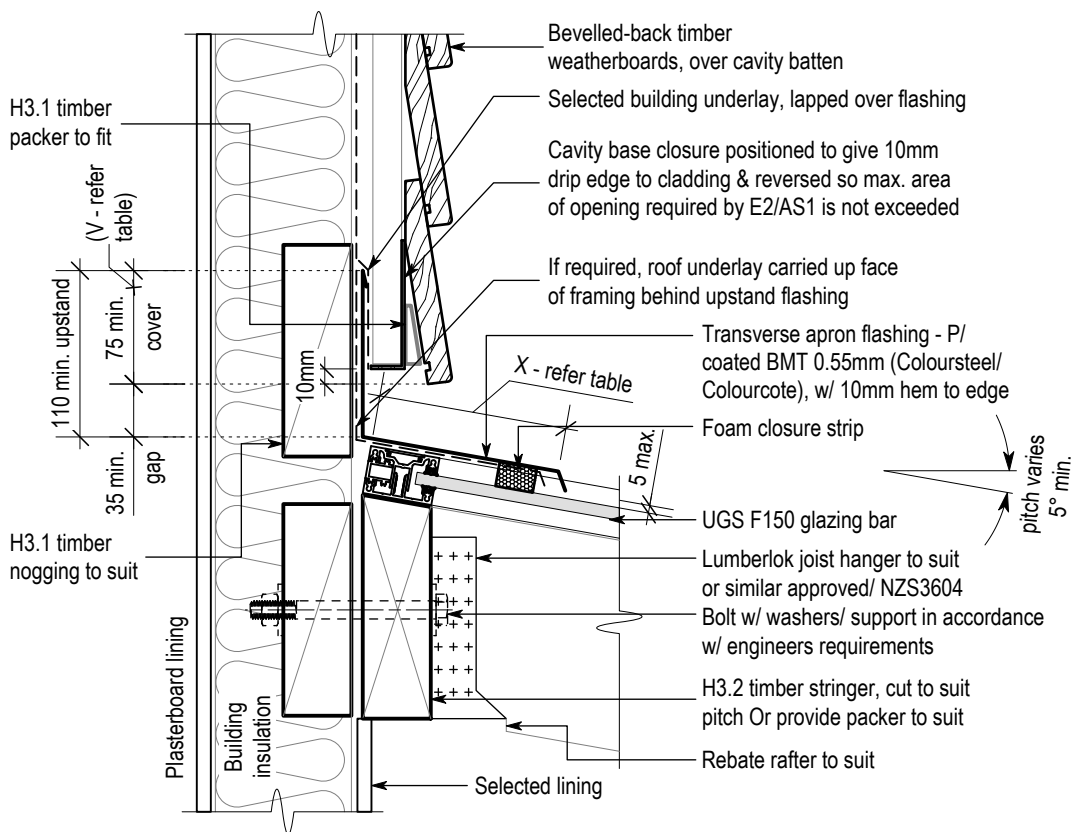


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ISSUE	DATE	REVISION
DRAWING NAME:		
Transverse Apron - BB Weatherbds, Cavity (F150 G/Box) Retro		
DATE :	26-Jan-23	
SCALE @ A4:	1:5	
DWG:	WBC-05	
REVISION		

General Notes: 1 - All dimensions are in millimeters.(mm) 2 - Liaise with engineer where required.
 3 - All structural supports required to support system are to comply with NZBC and New Zealand Building Act.

	SITUATION 1	SITUATION 2	SITUATION 3
	1. Low, medium, high wind zones: roof pitch $\geq 10^\circ$	1. Very high wind zones: all roof pitches 2. Low, medium, high wind zones: roof pitch $\leq 10^\circ$	1. Extra high wind zones: all roof pitches
X	MIN. 130mm (Excluding any soft edge or turn-down to roofing)	MIN. 200mm (Excluding any soft edge or turn-down to roofing)	MIN. 200mm
V	MIN. 75mm	Min. 75mm	Min. 90mm
1. Flashing widths based on NZBC, clause E2/AS1, table 7. 2. All flashings to be installed in accordance w/ "New Zealand Metal Roofing Manufacturers Association". 3. All UGS profiles to have end plates installed where required.			



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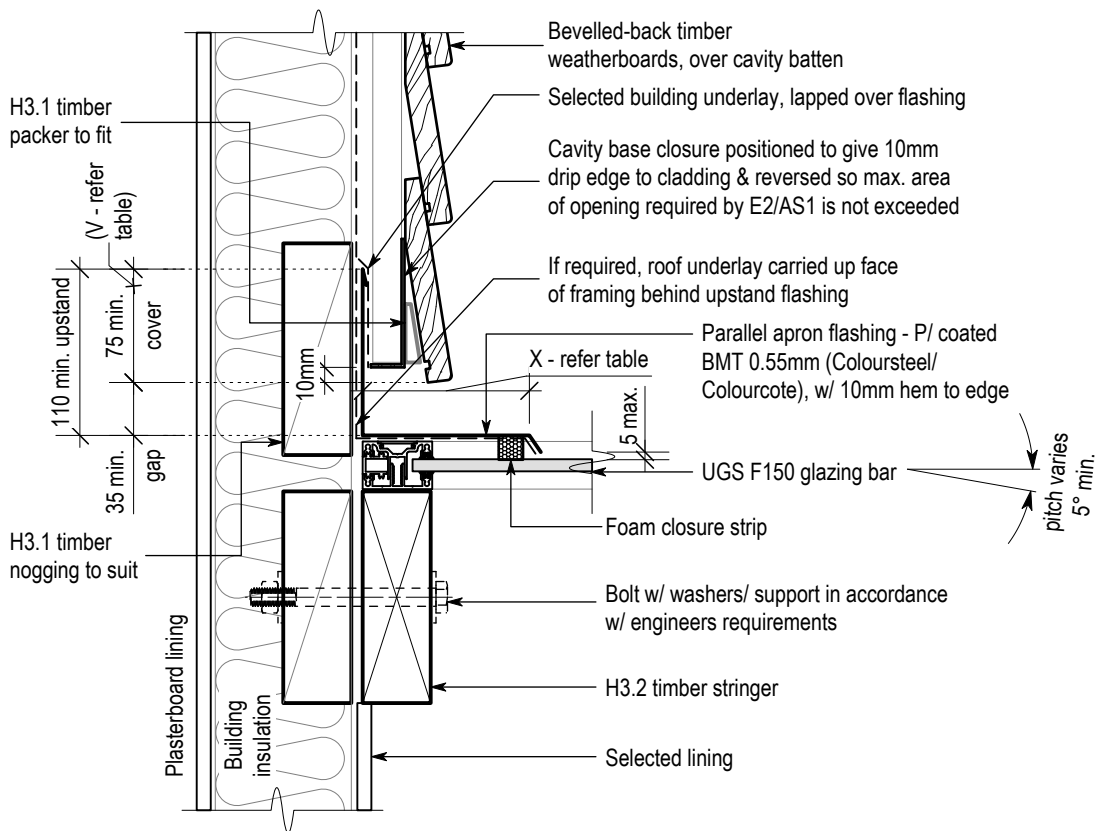
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ISSUE	DATE	REVISION
DRAWING NAME:		
Transverse Apron - BB Weatherbds, Cavity (F150 G/Bar) New		DATE : 26-Jan-23
		SCALE @ A4: 1:5
		DWG: WBC-06
REVISION		

General Notes: 1 - All dimensions are in millimeters.(mm) 2 - Liaise with engineer where required.
3 - All structural supports required to support system are to comply with NZBC and New Zealand Building Act.

	SITUATION 1	SITUATION 2	SITUATION 3
	1. Low, medium, high wind zones: roof pitch $\geq 10^\circ$	1. Very high wind zones: all roof pitches 2. Low, medium, high wind zones: roof pitch $\leq 10^\circ$	1. Extra high wind zones: all roof pitches
X	MIN. 130mm (Excluding any soft edge or turn-down to roofing)	MIN. 200mm (Excluding any soft edge or turn-down to roofing)	MIN. 200mm
V	MIN. 75mm	Min. 75mm	Min. 90mm

1. Flashing widths based on NZBC, clause E2/AS1, table 7.
2. All flashings to be installed in accordance w/ "New Zealand Metal Roofing Manufacturers Association".
3. All UGS profiles to have end plates installed where required.

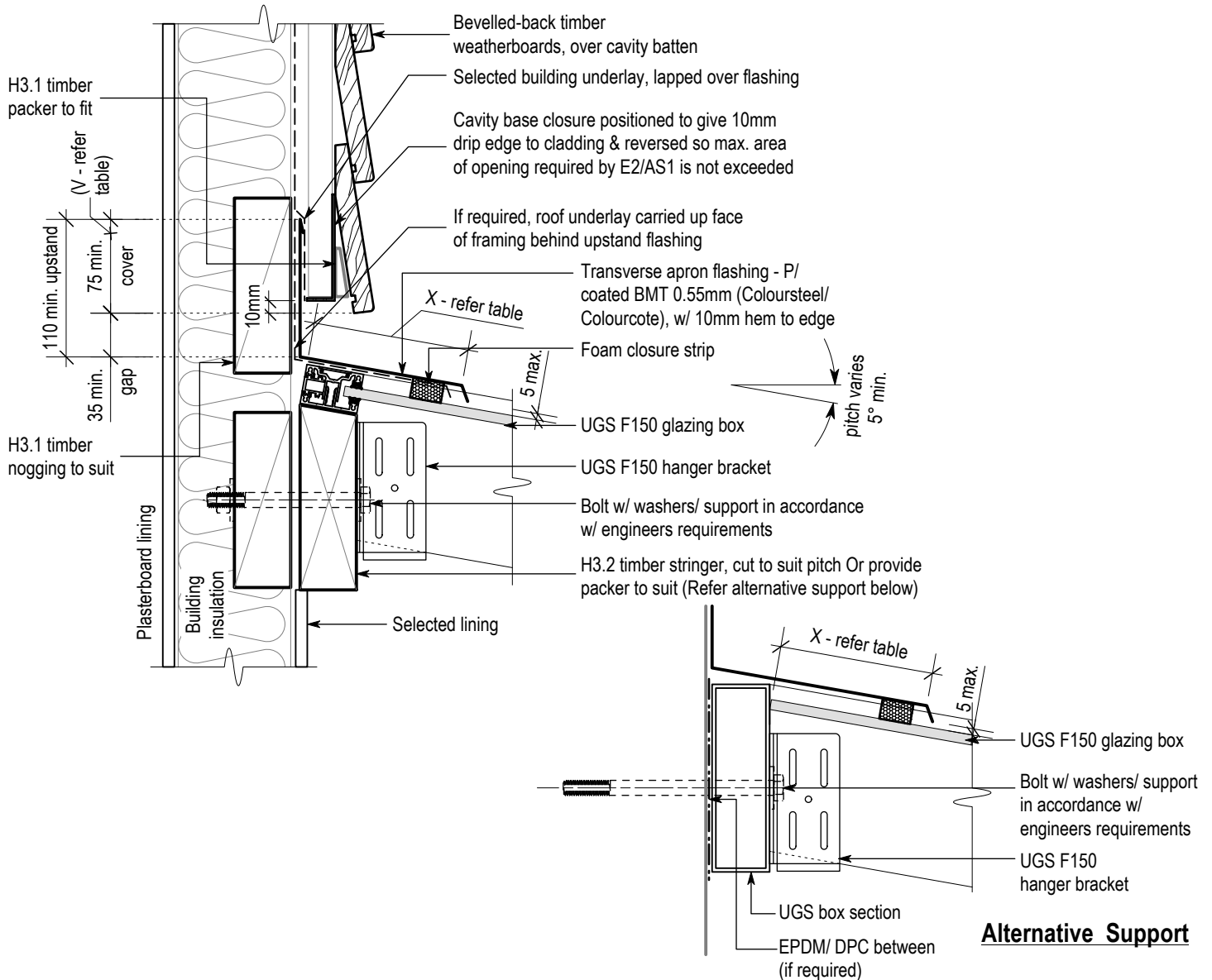


ISSUE	DATE	REVISION
DRAWING NAME:		
Parallel Apron - BB Weatherbds, Cavity (F150 G/Bar) New		DATE : 26-Jan-23
		SCALE @ A4: 1:5
		DWG: WBC-07
		REVISION

General Notes: 1 - All dimensions are in millimeters.(mm) 2 - Liaise with engineer where required.
3 - All structural supports required to support system are to comply with NZBC and New Zealand Building Act.

SITUATION 1	SITUATION 2	SITUATION 3
1. Low, medium, high wind zones: roof pitch $\geq 10^\circ$	1. Very high wind zones: all roof pitches 2. Low, medium, high wind zones: roof pitch $\leq 10^\circ$	1. Extra high wind zones: all roof pitches
X MIN. 130mm (Excluding any soft edge or turn-down to roofing)	MIN. 200mm (Excluding any soft edge or turn-down to roofing)	MIN. 200mm
V MIN. 75mm	Min. 75mm	Min. 90mm

1. Flashing widths based on NZBC, clause E2/AS1, table 7.
2. All flashings to be installed in accordance w/ "New Zealand Metal Roofing Manufacturers Association".
3. All UGS profiles to have end plates installed where required.



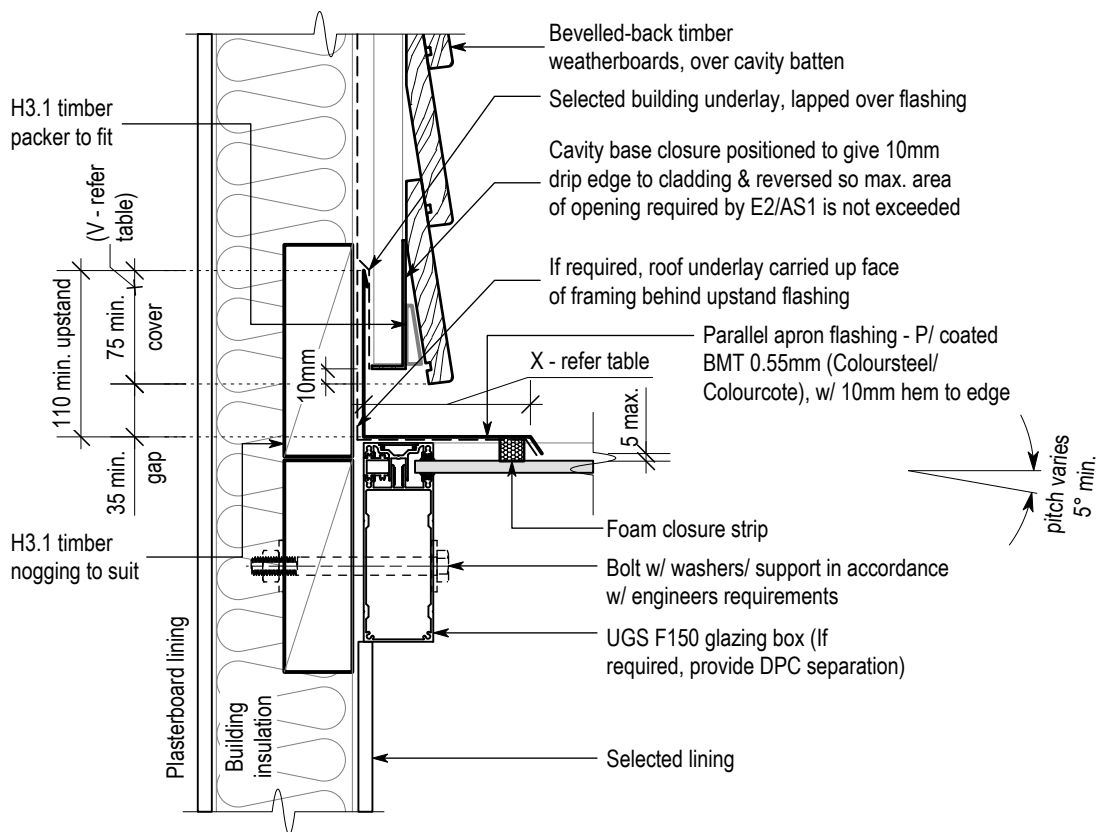
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ISSUE	DATE	REVISION
DRAWING NAME:		
Transverse Apron - BB Weatherbds, Cavity (F150 G/Box) New		DATE : 26-Jan-23
		SCALE @ A4: 1:5
		DWG: WBC-08
		REVISION

General Notes: 1 - All dimensions are in millimeters.(mm) 2 - Liaise with engineer where required.
3 - All structural supports required to support system are to comply with NZBC and New Zealand Building Act.

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	SITUATION 1	SITUATION 2	SITUATION 3
	1. Low, medium, high wind zones: roof pitch $\geq 10^\circ$	1. Very high wind zones: all roof pitches 2. Low, medium, high wind zones: roof pitch $\leq 10^\circ$	1. Extra high wind zones: all roof pitches
X	MIN. 130mm (Excluding any soft edge or turn-down to roofing)	MIN. 200mm (Excluding any soft edge or turn-down to roofing)	MIN. 200mm
V	MIN. 75mm	Min. 75mm	Min. 90mm
1. Flashing widths based on NZBC, clause E2/AS1, table 7. 2. All flashings to be installed in accordance w/ "New Zealand Metal Roofing Manufacturers Association". 3. All UGS profiles to have end plates installed where required.			

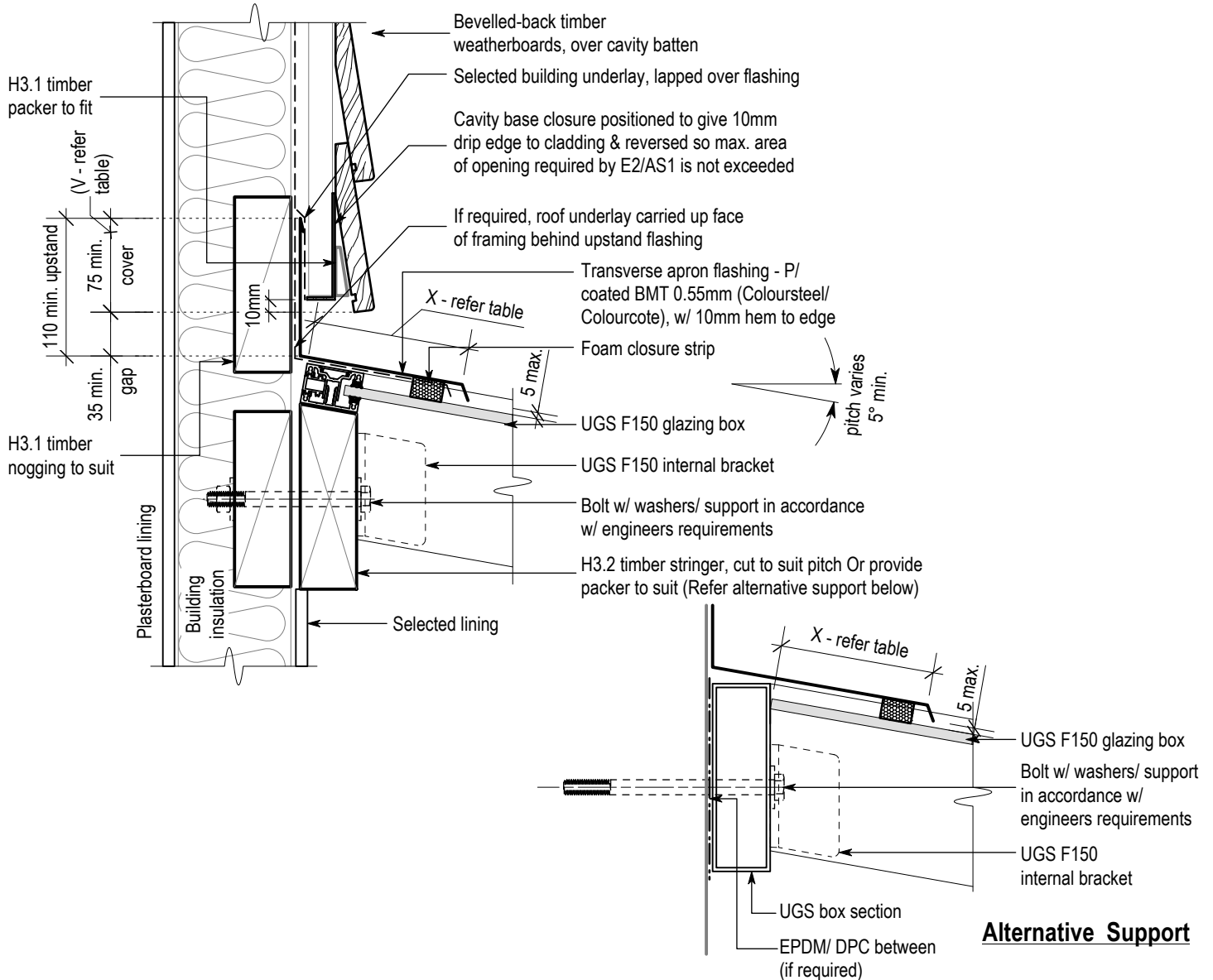


ISSUE	DATE	REVISION
DRAWING NAME:		
Parallel Apron - BB Weatherbds, Cavity (F150 G/Box) New		DATE : 26-Jan-23
		SCALE @ A4: 1:5
		DWG: WBC-09
REVISION		

General Notes: 1 - All dimensions are in millimeters.(mm) 2 - Liaise with engineer where required.
3 - All structural supports required to support system are to comply with NZBC and New Zealand Building Act.

	SITUATION 1	SITUATION 2	SITUATION 3
	1. Low, medium, high wind zones: roof pitch $\geq 10^\circ$	1. Very high wind zones: all roof pitches 2. Low, medium, high wind zones: roof pitch $\leq 10^\circ$	1. Extra high wind zones: all roof pitches
X	MIN. 130mm (Excluding any soft edge or turn-down to roofing)	MIN. 200mm (Excluding any soft edge or turn-down to roofing)	MIN. 200mm
V	MIN. 75mm	Min. 75mm	Min. 90mm

1. Flashing widths based on NZBC, clause E2/AS1, table 7.
2. All flashings to be installed in accordance w/ "New Zealand Metal Roofing Manufacturers Association".
3. All UGS profiles to have end plates installed where required.



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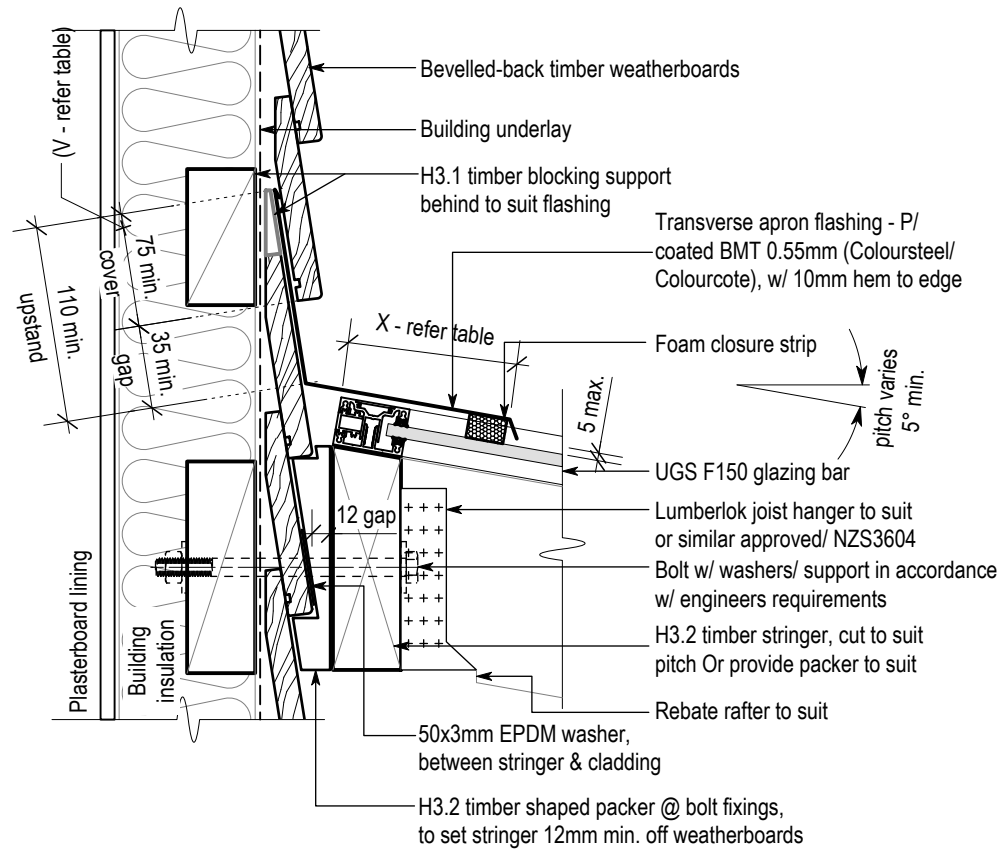
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ISSUE	DATE	REVISION
DRAWING NAME:		
Transverse Apron - BB Weatherbds, Cavity (F150 G/Box) New		DATE : 26-Jan-23
		SCALE @ A4: 1:5
		DWG: WBC-10
REVISION		

General Notes: 1 - All dimensions are in millimeters.(mm) 2 - Liaise with engineer where required.
3 - All structural supports required to support system are to comply with NZBC and New Zealand Building Act.

	SITUATION 1	SITUATION 2	SITUATION 3
	1. Low, medium, high wind zones: roof pitch $\geq 10^\circ$	1. Very high wind zones: all roof pitches 2. Low, medium, high wind zones: roof pitch $\leq 10^\circ$	1. Extra high wind zones: all roof pitches
X	MIN. 130mm (Excluding any soft edge or turn-down to roofing)	MIN. 200mm (Excluding any soft edge or turn-down to roofing)	MIN. 200mm
V	MIN. 75mm	Min. 75mm	Min. 90mm

1. Flashing widths based on NZBC, clause E2/AS1, table 7.
2. All flashings to be installed in accordance w/ "New Zealand Metal Roofing Manufacturers Association".
3. All UGS profiles to have end plates installed where required.



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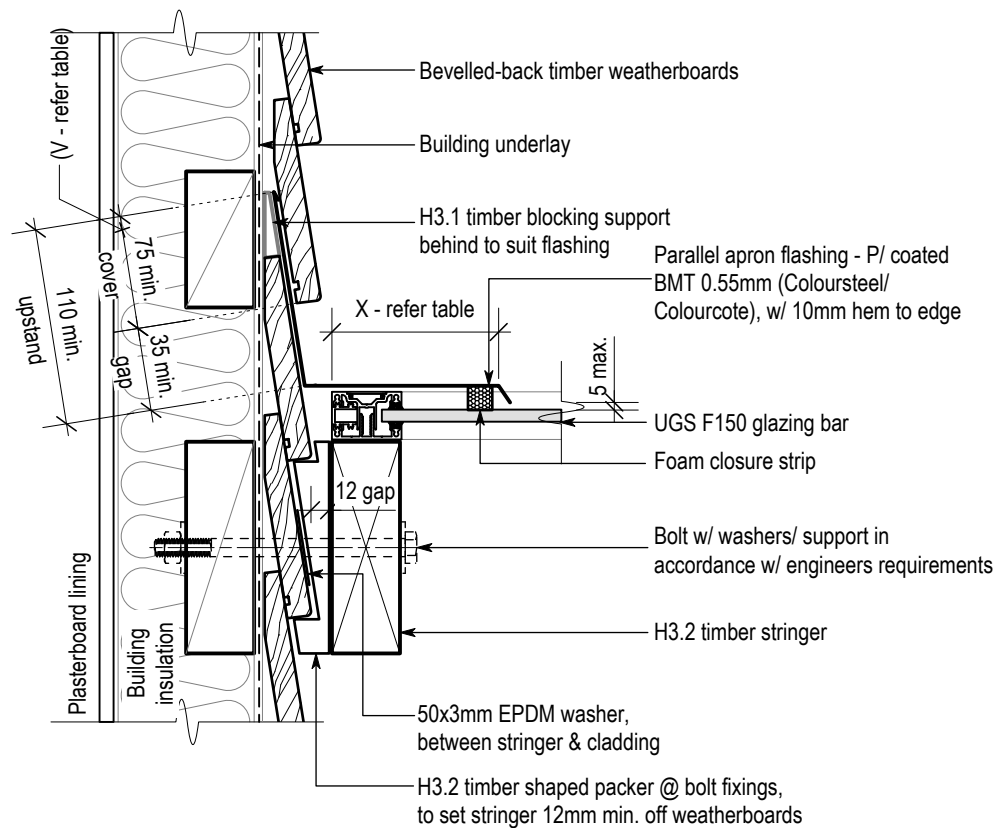
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ISSUE	DATE	REVISION
DRAWING NAME:		
Transverse Apron - BB Weatherbds, Direct Fix (F150 G/Bar) Retro		DATE : 26-Jan-23
		SCALE @ A4: 1:5
		DWG: WBD-01
REVISION		

General Notes: 1 - All dimensions are in millimeters.(mm) 2 - Liaise with engineer where required.
3 - All structural supports required to support system are to comply with NZBC and New Zealand Building Act.

	SITUATION 1	SITUATION 2	SITUATION 3
	1. Low, medium, high wind zones: roof pitch $\geq 10^\circ$	1. Very high wind zones: all roof pitches 2. Low, medium, high wind zones: roof pitch $\leq 10^\circ$	1. Extra high wind zones: all roof pitches
X	MIN. 130mm (Excluding any soft edge or turn-down to roofing)	MIN. 200mm (Excluding any soft edge or turn-down to roofing)	MIN. 200mm
V	MIN. 75mm	Min. 75mm	Min. 90mm
1. Flashing widths based on NZBC, clause E2/AS1, table 7. 2. All flashings to be installed in accordance w/ "New Zealand Metal Roofing Manufacturers Association". 3. All UGS profiles to have end plates installed where required.			



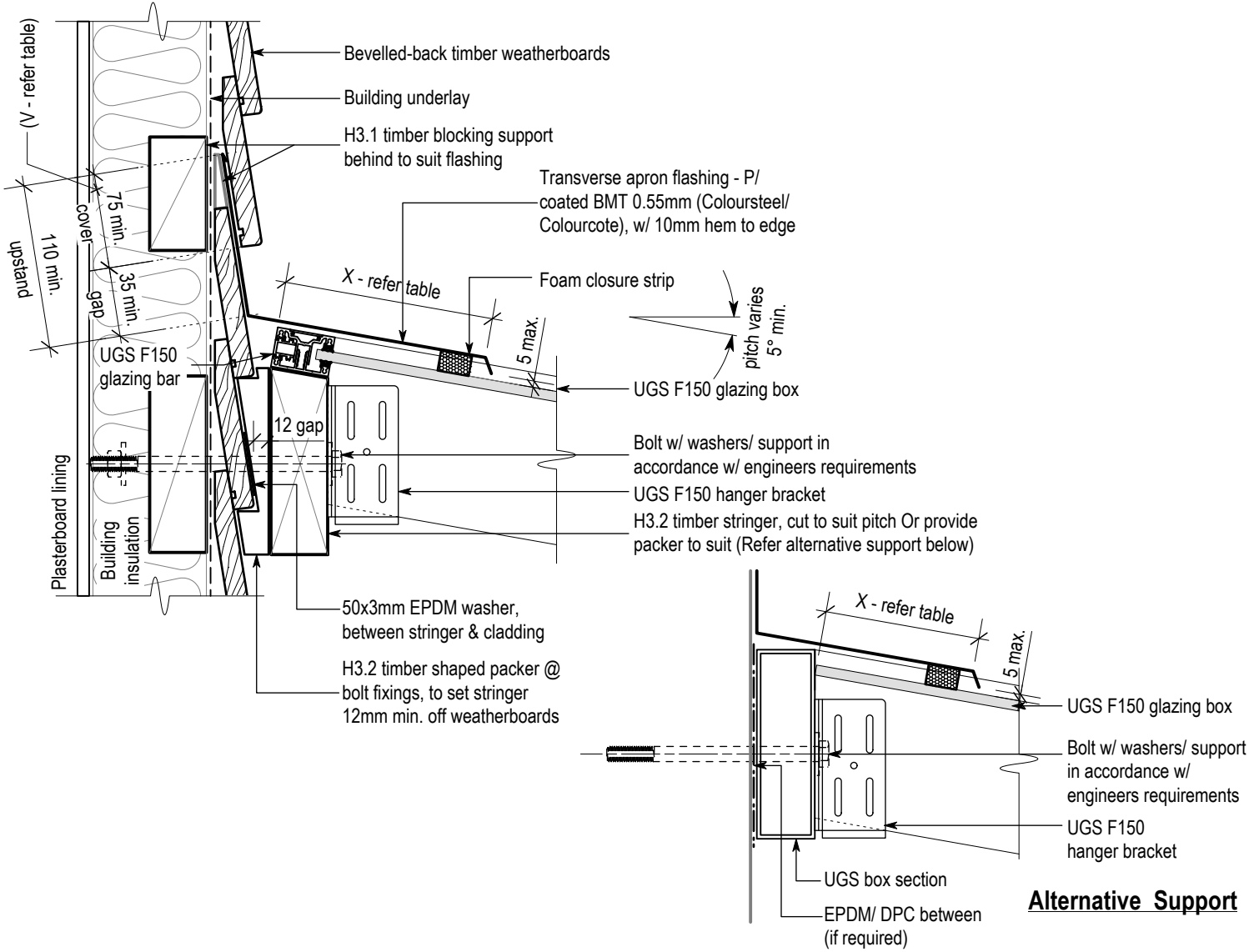
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ISSUE	DATE	REVISION
DRAWING NAME:		
Parallel Apron - BB Weatherbds, Direct Fix (F150 G/Bar) Retro		DATE : 26-Jan-23
		SCALE @ A4: 1:5
		DWG: WBD-02
		REVISION

General Notes: 1 - All dimensions are in millimeters.(mm) 2 - Liaise with engineer where required.
3 - All structural supports required to support system are to comply with NZBC and New Zealand Building Act.

	SITUATION 1	SITUATION 2	SITUATION 3
	1. Low, medium, high wind zones: roof pitch $\geq 10^\circ$	1. Very high wind zones: all roof pitches 2. Low, medium, high wind zones: roof pitch $\leq 10^\circ$	1. Extra high wind zones: all roof pitches
X	MIN. 130mm (Excluding any soft edge or turn-down to roofing)	MIN. 200mm (Excluding any soft edge or turn-down to roofing)	MIN. 200mm
V	MIN. 75mm	Min. 75mm	Min. 90mm

1. Flashing widths based on NZBC, clause E2/AS1, table 7.
2. All flashings to be installed in accordance w/ "New Zealand Metal Roofing Manufacturers Association".
3. All UGS profiles to have end plates installed where required.



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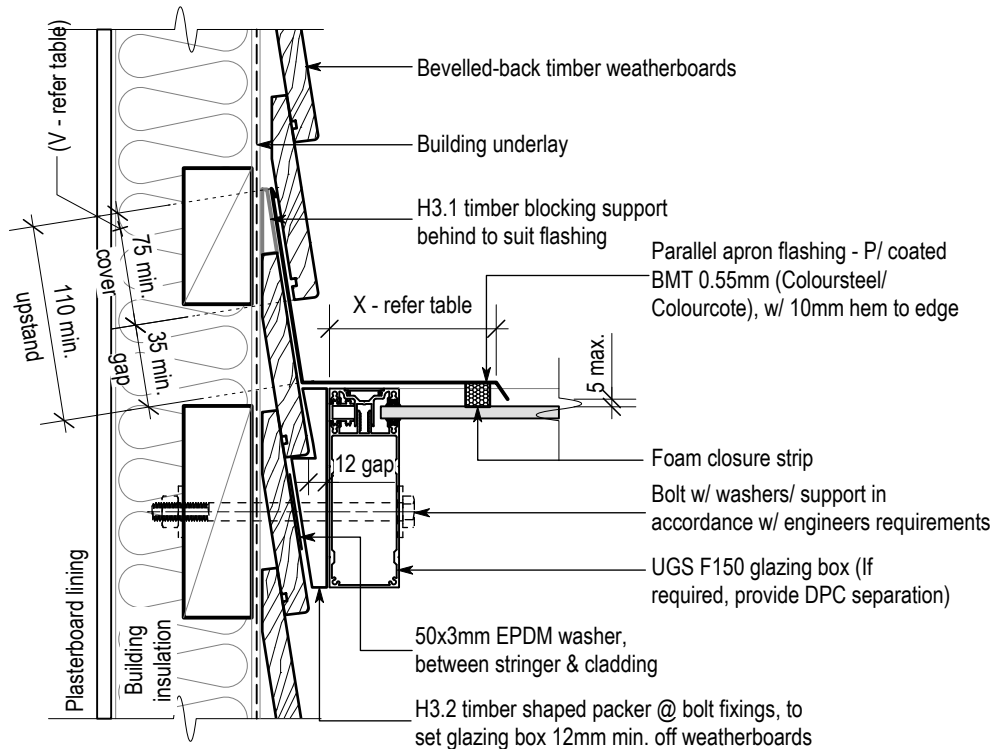
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ISSUE	DATE	REVISION
DRAWING NAME:		
Transverse Apron - BB Weatherbds, Direct Fix (F150 G/Box) Retro		
DATE :	26-Jan-23	
SCALE @ A4:	1:5	
DWG:	WBD-03	
REVISION		

General Notes: 1 - All dimensions are in millimeters.(mm) 2 - Liaise with engineer where required.
3 - All structural supports required to support system are to comply with NZBC and New Zealand Building Act.

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	SITUATION 1	SITUATION 2	SITUATION 3
	1. Low, medium, high wind zones: roof pitch $\geq 10^\circ$	1. Very high wind zones: all roof pitches 2. Low, medium, high wind zones: roof pitch $\leq 10^\circ$	1. Extra high wind zones: all roof pitches
X	MIN. 130mm (Excluding any soft edge or turn-down to roofing)	MIN. 200mm (Excluding any soft edge or turn-down to roofing)	MIN. 200mm
V	MIN. 75mm	Min. 75mm	Min. 90mm
1. Flashing widths based on NZBC, clause E2/AS1, table 7. 2. All flashings to be installed in accordance w/ "New Zealand Metal Roofing Manufacturers Association". 3. All UGS profiles to have end plates installed where required.			



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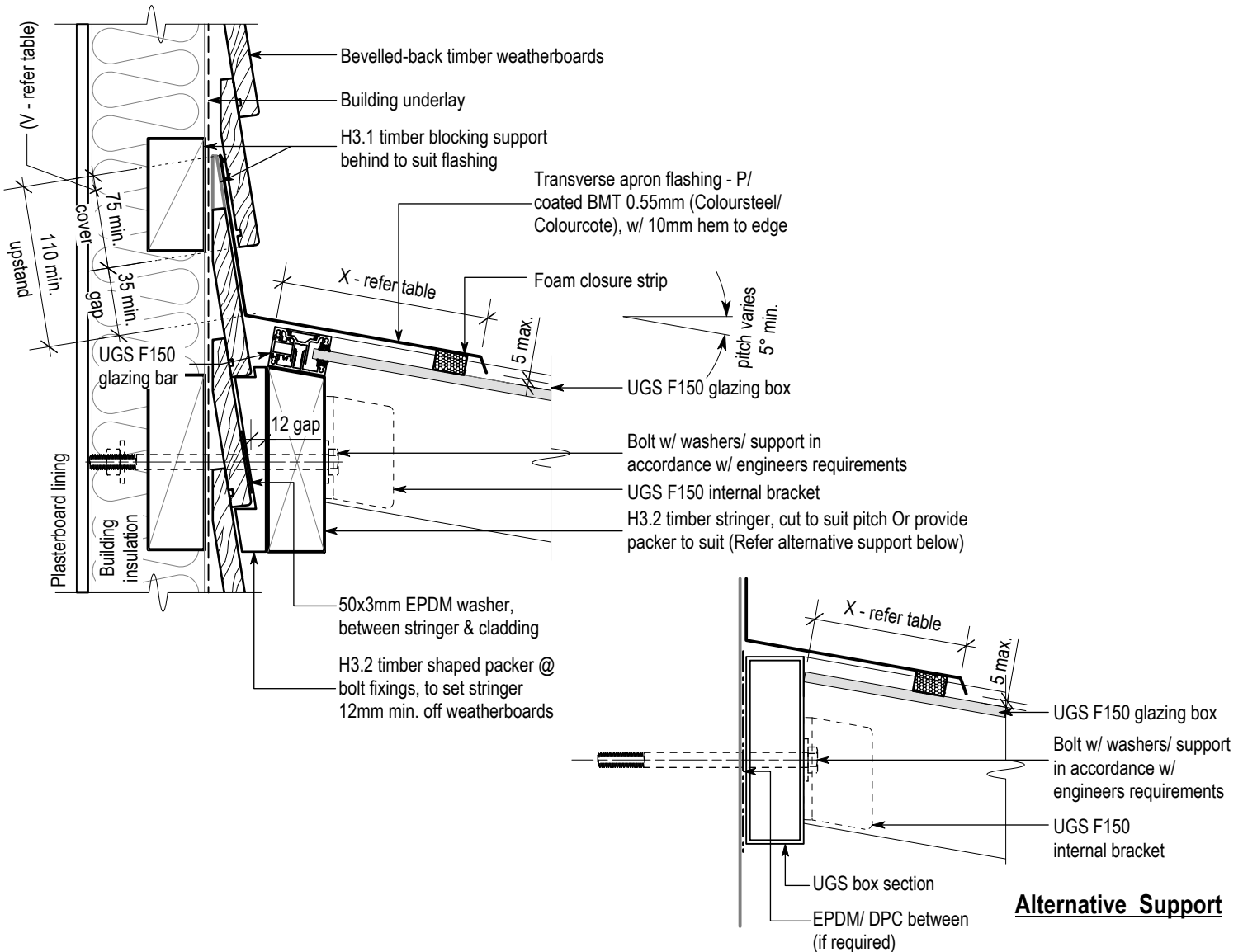
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ISSUE	DATE	REVISION
DRAWING NAME:		
Parallel Apron - BB Weatherbds, Direct Fix (F150 G/Box) Retro		DATE : 26-Jan-23
		SCALE @ A4: 1:5
		DWG: WBD-04
REVISION		

General Notes: 1 - All dimensions are in millimeters.(mm) 2 - Liaise with engineer where required.
3 - All structural supports required to support system are to comply with NZBC and New Zealand Building Act.

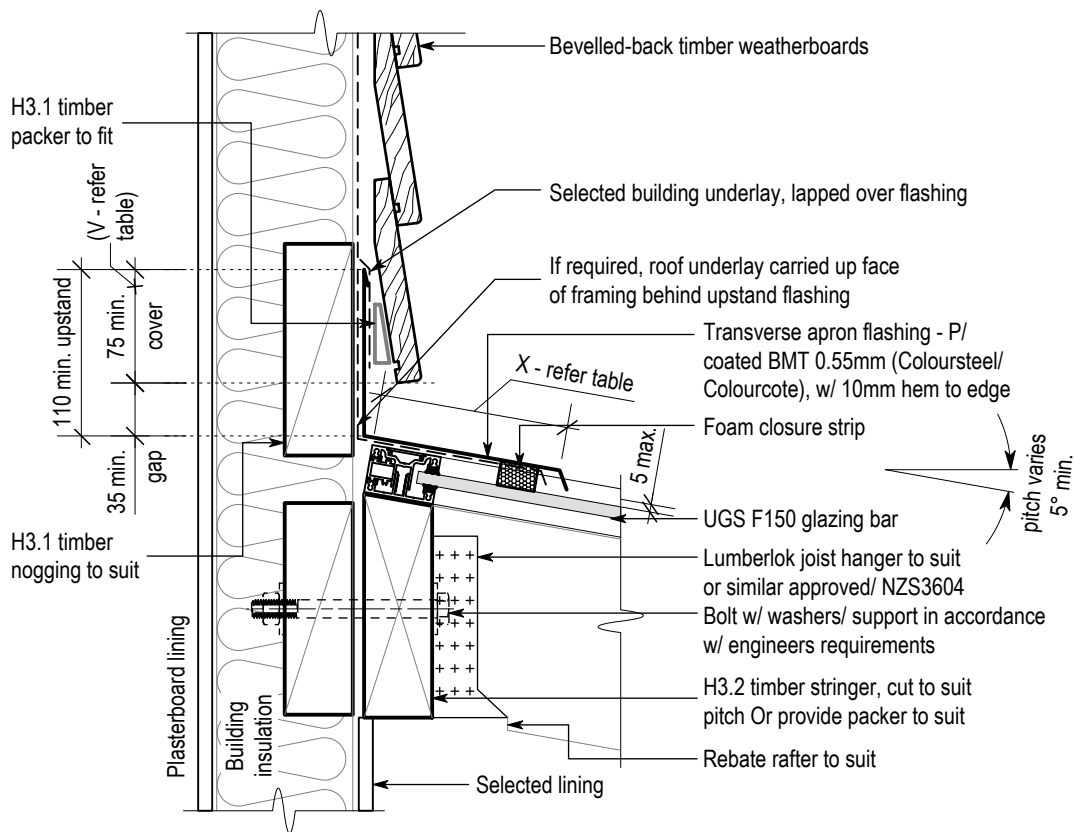
SITUATION 1	SITUATION 2	SITUATION 3
1. Low, medium, high wind zones: roof pitch $\geq 10^\circ$	1. Very high wind zones: all roof pitches 2. Low, medium, high wind zones: roof pitch $\leq 10^\circ$	1. Extra high wind zones: all roof pitches
X MIN. 130mm (Excluding any soft edge or turn-down to roofing)	MIN. 200mm (Excluding any soft edge or turn-down to roofing)	MIN. 200mm
V MIN. 75mm	Min. 75mm	Min. 90mm

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2. All flashings to be installed in accordance w/ "New Zealand Metal Roofing Manufacturers Association".
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	SITUATION 1	SITUATION 2	SITUATION 3
	1. Low, medium, high wind zones: roof pitch $\geq 10^\circ$	1. Very high wind zones: all roof pitches 2. Low, medium, high wind zones: roof pitch $\leq 10^\circ$	1. Extra high wind zones: all roof pitches
X	MIN. 130mm (Excluding any soft edge or turn-down to roofing)	MIN. 200mm (Excluding any soft edge or turn-down to roofing)	MIN. 200mm
V	MIN. 75mm	Min. 75mm	Min. 90mm

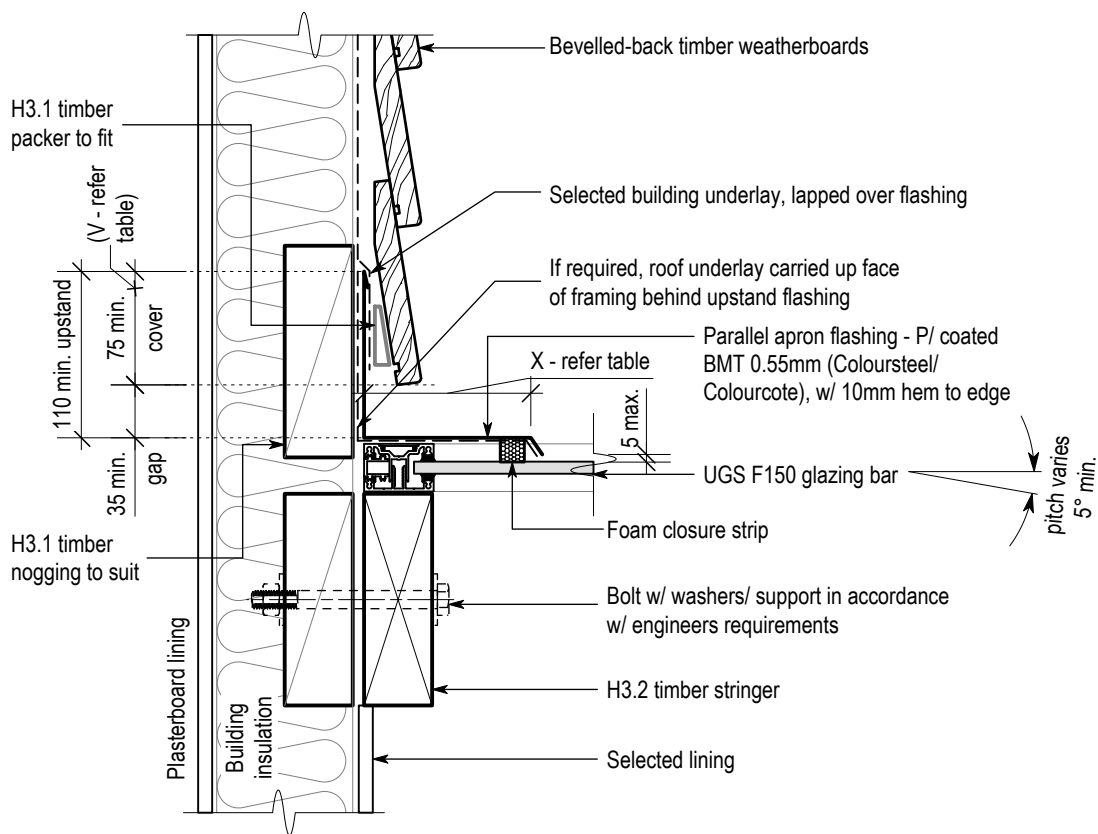
1. Flashing widths based on NZBC, clause E2/AS1, table 7.
2. All flashings to be installed in accordance w/ "New Zealand Metal Roofing Manufacturers Association".
3. All UGS profiles to have end plates installed where required.



ISSUE	DATE	REVISION
DRAWING NAME:		
Transverse Apron - BB Weatherbds, Direct Fix (F150 G/Bar) New		
DATE :	26-Jan-23	
SCALE @ A4:	1:5	
DWG:	WBD-06	
REVISION		

General Notes: 1 - All dimensions are in millimeters.(mm) 2 - Liaise with engineer where required.
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	SITUATION 1	SITUATION 2	SITUATION 3
	1. Low, medium, high wind zones: roof pitch $\geq 10^\circ$	1. Very high wind zones: all roof pitches 2. Low, medium, high wind zones: roof pitch $\leq 10^\circ$	1. Extra high wind zones: all roof pitches
X	MIN. 130mm (Excluding any soft edge or turn-down to roofing)	MIN. 200mm (Excluding any soft edge or turn-down to roofing)	MIN. 200mm
V	MIN. 75mm	Min. 75mm	Min. 90mm
1. Flashing widths based on NZBC, clause E2/AS1, table 7. 2. All flashings to be installed in accordance w/ "New Zealand Metal Roofing Manufacturers Association". 3. All UGS profiles to have end plates installed where required.			



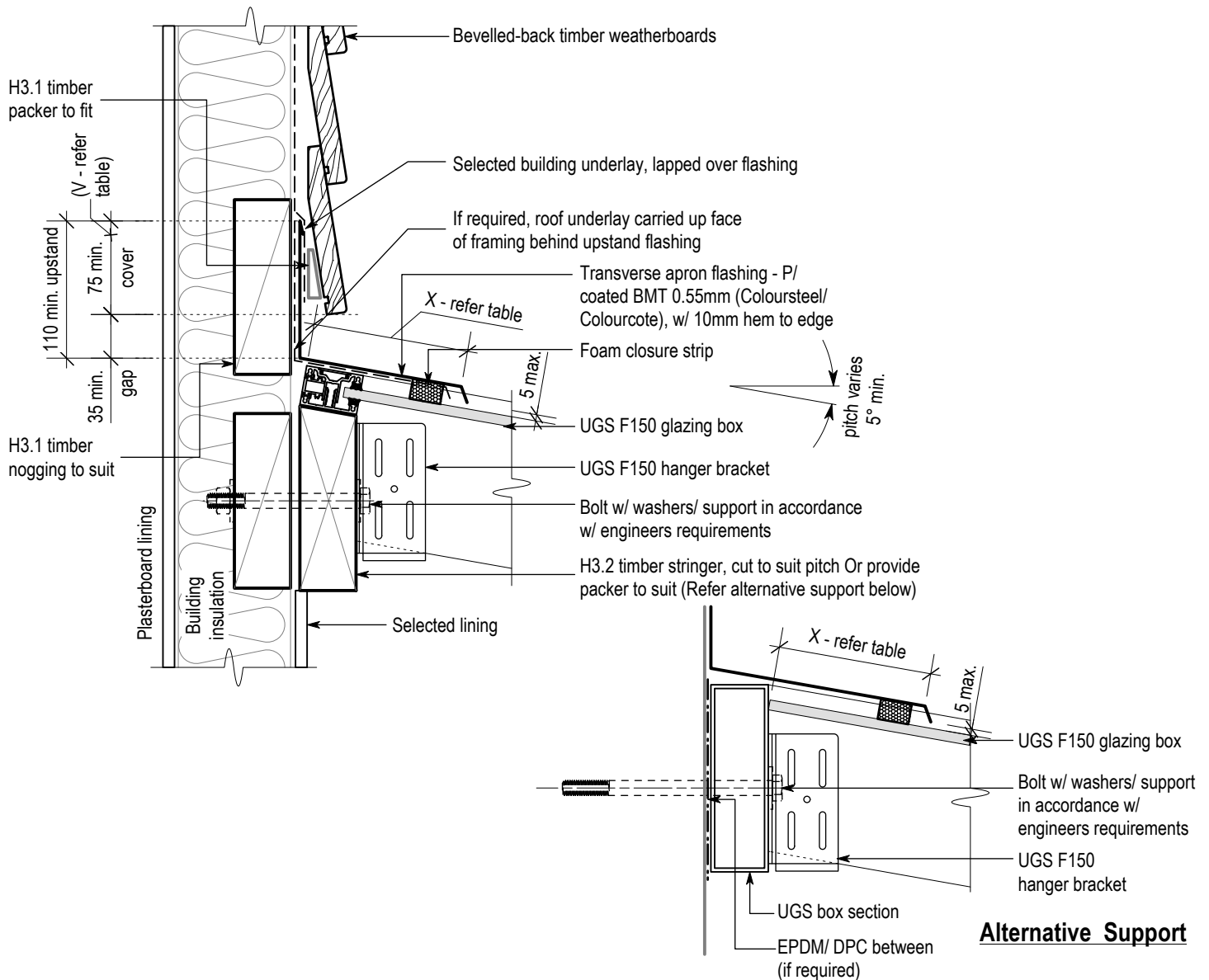
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ISSUE	DATE	REVISION
DRAWING NAME:		
Parallel Apron - BB Weatherbds, Direct Fix (F150 G/Bar) New		
DATE :	26-Jan-23	
SCALE @ A4:	1:5	
DWG:	WBD-07	
REVISION		

General Notes: 1 - All dimensions are in millimeters.(mm) 2 - Liaise with engineer where required.
3 - All structural supports required to support system are to comply with NZBC and New Zealand Building Act.

SITUATION 1	SITUATION 2	SITUATION 3
1. Low, medium, high wind zones: roof pitch $\geq 10^\circ$	1. Very high wind zones: all roof pitches 2. Low, medium, high wind zones: roof pitch $\leq 10^\circ$	1. Extra high wind zones: all roof pitches
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V MIN. 75mm	Min. 75mm	Min. 90mm

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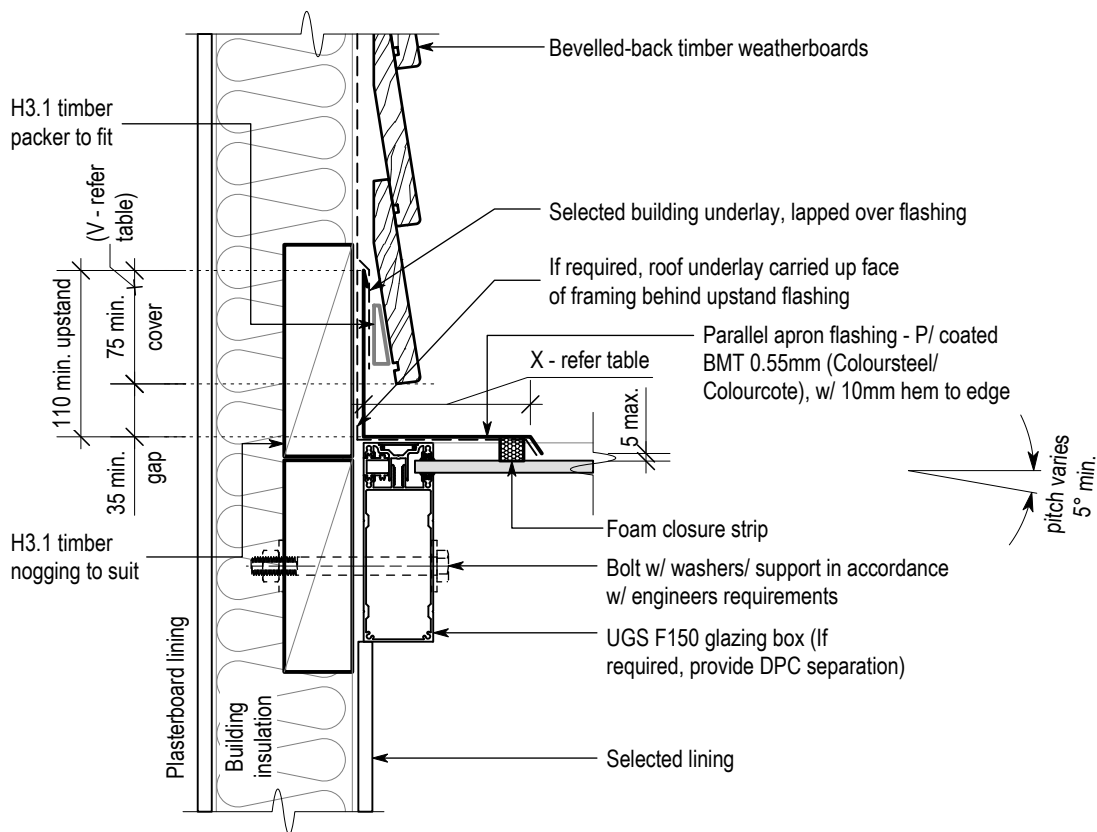


ISSUE	DATE	REVISION
DRAWING NAME:		
Transverse Apron - BB Weatherbds, Direct Fix (F150 G/Box) New		
DATE :	26-Jan-23	
SCALE @ A4:	1:5	
DWG:	WBD-08	
REVISION		

General Notes: 1 - All dimensions are in millimeters.(mm) 2 - Liaise with engineer where required.
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	SITUATION 1	SITUATION 2	SITUATION 3
	1. Low, medium, high wind zones: roof pitch $\geq 10^\circ$	1. Very high wind zones: all roof pitches 2. Low, medium, high wind zones: roof pitch $\leq 10^\circ$	1. Extra high wind zones: all roof pitches
X	MIN. 130mm (Excluding any soft edge or turn-down to roofing)	MIN. 200mm (Excluding any soft edge or turn-down to roofing)	MIN. 200mm
V	MIN. 75mm	Min. 75mm	Min. 90mm

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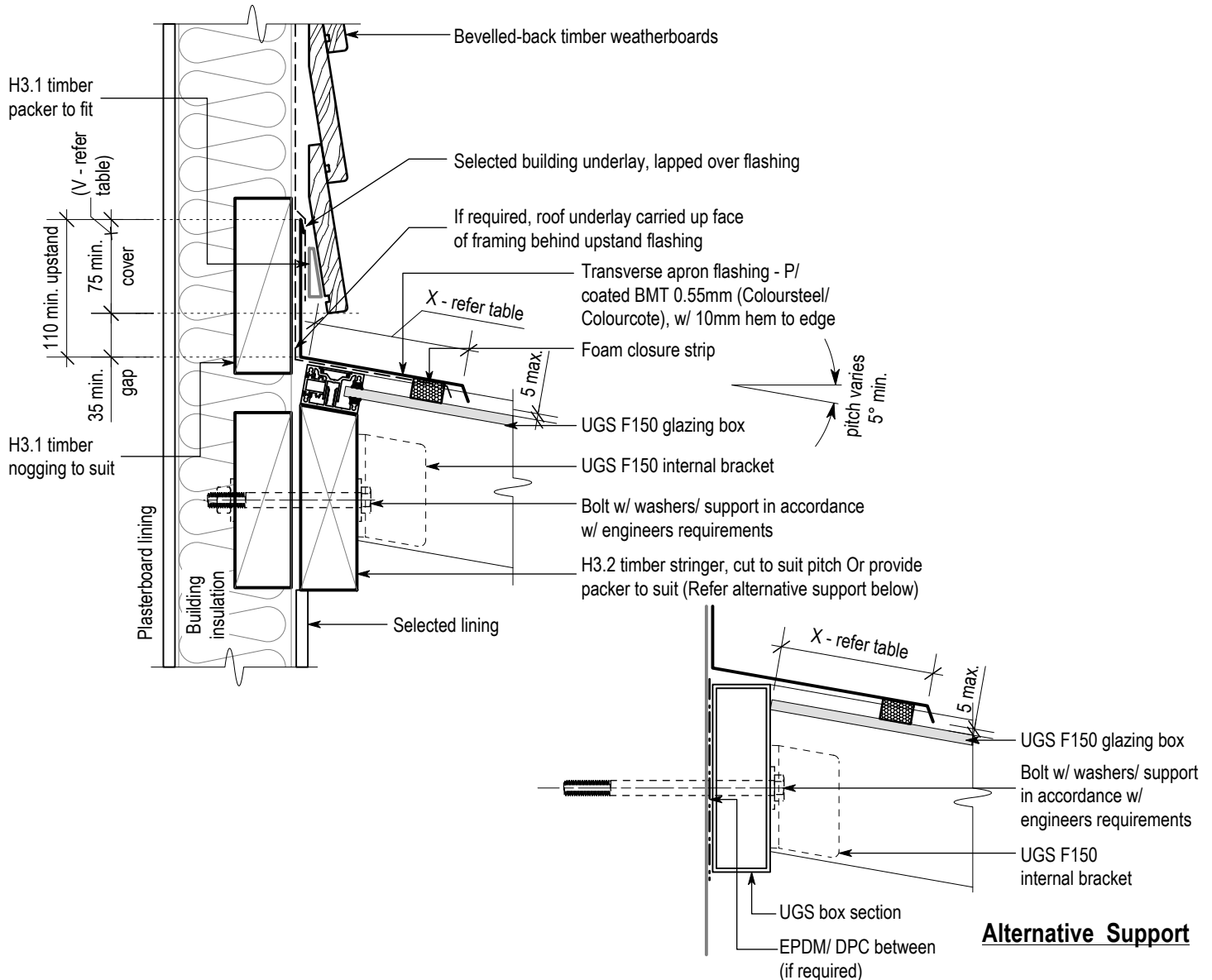


ISSUE	DATE	REVISION
DRAWING NAME:		
Parallel Apron - BB Weatherbds, Direct Fix (F150 G/Box) New		DATE: 26-Jan-23
		SCALE @ A4: 1:5
		DWG: WBD-09
REVISION		

General Notes: 1 - All dimensions are in millimeters.(mm) 2 - Liaise with engineer where required.
3 - All structural supports required to support system are to comply with NZBC and New Zealand Building Act.

	SITUATION 1	SITUATION 2	SITUATION 3
	1. Low, medium, high wind zones: roof pitch $\geq 10^\circ$	1. Very high wind zones: all roof pitches 2. Low, medium, high wind zones: roof pitch $\leq 10^\circ$	1. Extra high wind zones: all roof pitches
X	MIN. 130mm (Excluding any soft edge or turn-down to roofing)	MIN. 200mm (Excluding any soft edge or turn-down to roofing)	MIN. 200mm
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ISSUE	DATE	REVISION
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Transverse Apron - BB Weatherbds, Direct Fix (F150 G/Box) New		
DATE :	26-Jan-23	
SCALE @ A4:	1:5	
DWG:	WBD-10	
REVISION		

General Notes: 1 - All dimensions are in millimeters.(mm) 2 - Liaise with engineer where required.
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