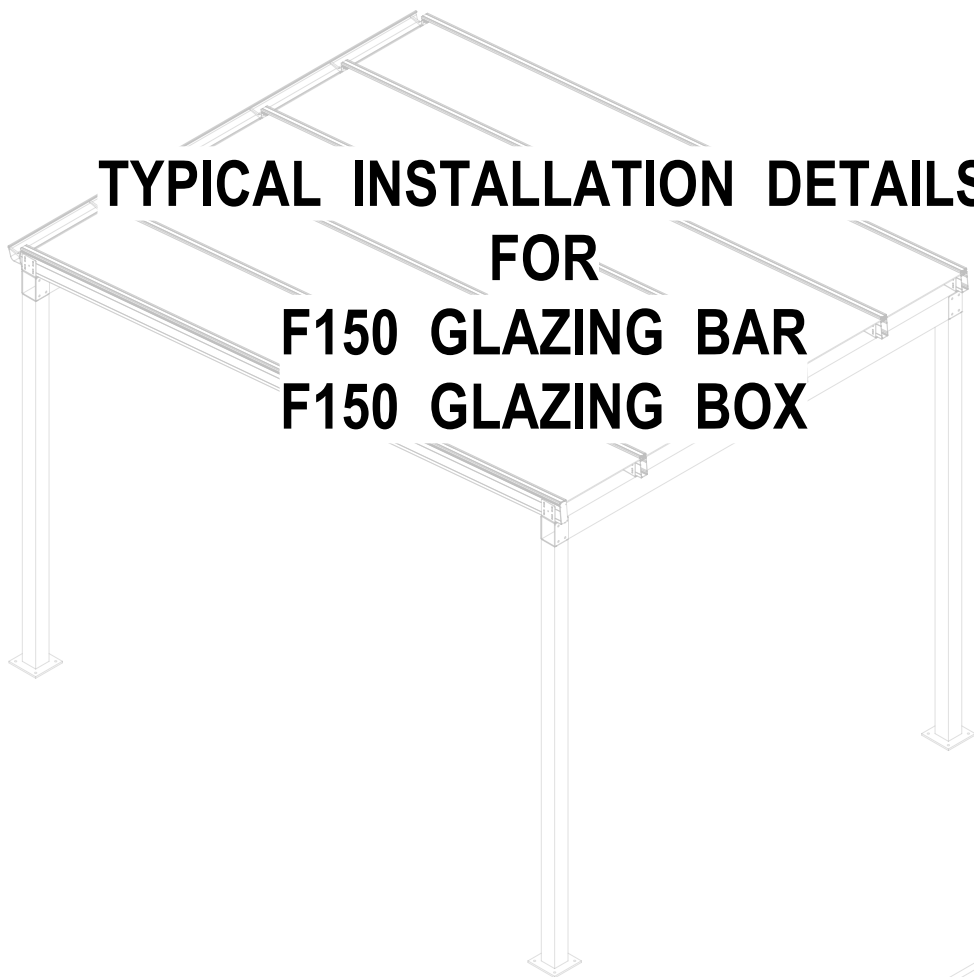
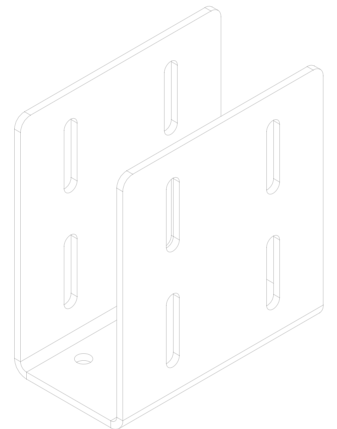


UNIVERSAL GLAZING SYSTEMS



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



29 Grivelle Street, Kumeu,
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Drawing List

Drawing No:	Drawing Name:	Revision:	Rev. Date:
UGS A001	Drawing List		
UGS A002	Drawing List		
UGS A200	Component Part - F150 Glazing Bar		
UGS A201	Component Part - F150 Glazing Box		
UGS A202	Component Part - F150 Hanger Bracket		
UGS A203	Component Part - F150 Internal Bracket		
UGS A204	Component Part - F150 Saddle Bracket, 100mm		
UGS A205	Component Part - F150 Saddle Bracket, 75mm		
UGS A206	Component Part - F150 Saddle Bracket, 50mm		
UGS BM-00	Block Masonry Details		
UGS BM-01	Transverse Apron - Block Masonry (F150 G/Bar)		
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)		
UGS BV-00	Brick Veneer Details		
UGS BV-01	Transverse Apron - Brick Veneer (F150 G/Bar)		
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)		
UGS FS-00	Fibre Cement Sheet Details		
UGS FS-01	Transverse Apron - Fibre Cement Sheet, Cavity (F150 G/Bar)		
UGS FS-02	Parallel Apron - Fibre Cement Sheet, Cavity (F150 G/Bar)		
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)		
UGS FS-09	Parallel Apron - Fibre Cement Sheet, Direct Fix (F150 G/Box)		
UGS FS-10	Transverse Apron - Fibre Cement Sheet, Direct Fix (F150 G/Box)		
UGS R0-00	Roof Details - Eaves, Ridge, Valley		
UGS RE-01	Roof Eaves Detail (F150 G/Bar)		
UGS RE-02	Roof Eaves Detail (F150 G/Box) w/ hanger bracket		
UGS RE-03	Roof Eaves Detail (F150 G/Box) w/ internal bracket		
UGS RR-01	Roof Ridge Detail - (F150 G/Bar)		
UGS RR-02	Roof Ridge Detail - (F150 G/Box) w/ hanger bracket		
UGS RR-03	Roof Ridge Detail - (F150 G/Box) w/ internal bracket		
UGS RV-01	Roof Valley Gutter Detail - (F150 G/Bar)		
UGS RV-02	Roof Valley Gutter Detail - (F150 G/Box) w/ saddle bracket		
UGS RV-03	Roof Valley Gutter Detail - (F150 G/Box) w/ hanger bracket		
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		

ISSUED - 26-JAN-23



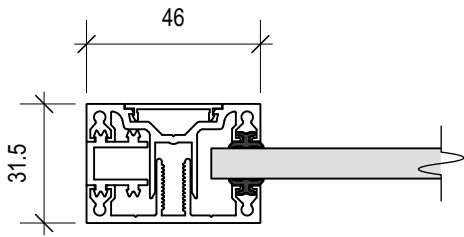
**UNIVERSAL
GLAZING SYSTEMS**

29 Grivelle Street, Kumeu,
Auckland 0810, New Zealand

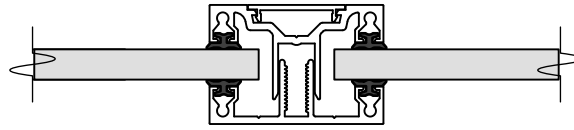
t: 021 2209517
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ISSUE	DATE	REVISION
DRAWING NAME: Drawing List		
DATE :		26-Jan-23
SCALE @ A4:		N/A
DWG:		A002
REVISION		

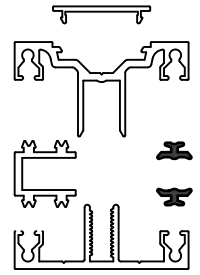
General Notes: 1 - All dimensions are in millimeters.(mm) 2 - Liaise with engineer where required.
3 - All structural supports required to support system are to comply with NZBC and New Zealand Building Act.



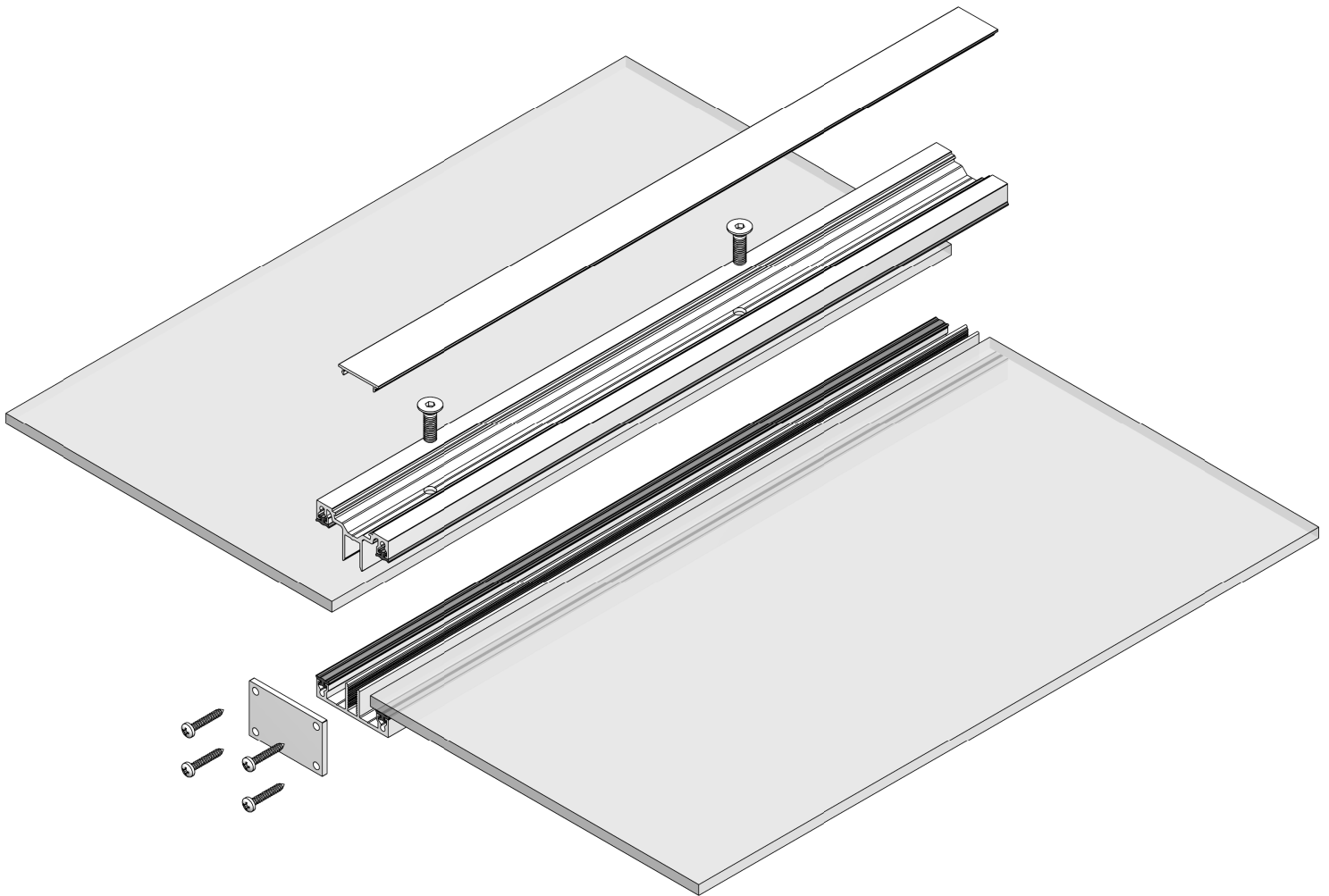
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INTERMEDIATE SECTION



EXPLODED VIEW



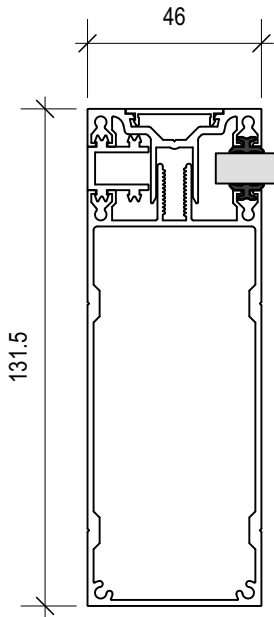
29 Grivelle Street, Kumeu,
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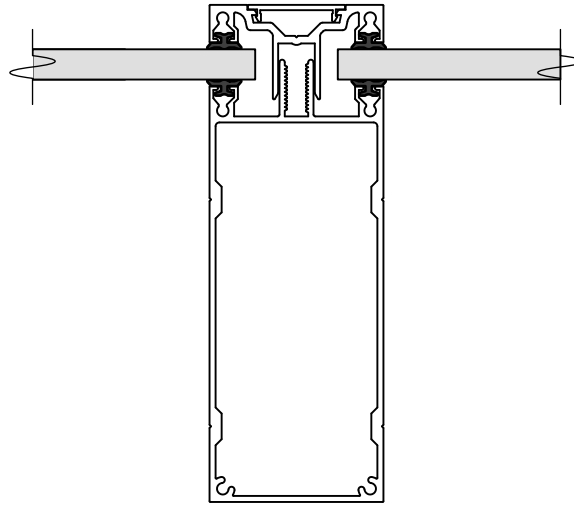
ISSUE	DATE	REVISION
DRAWING NAME:		
Component Part - F150 Glazing Bar		DATE : 14-Dec-22
		SCALE @ A4: 1:2
		DWG: A200
REVISION		

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.

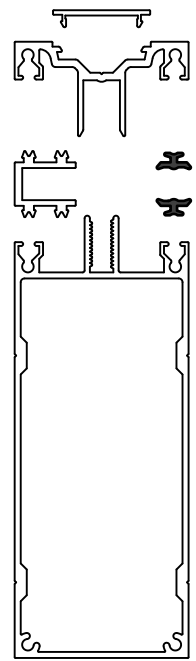
ISSUED - 26-JAN-23



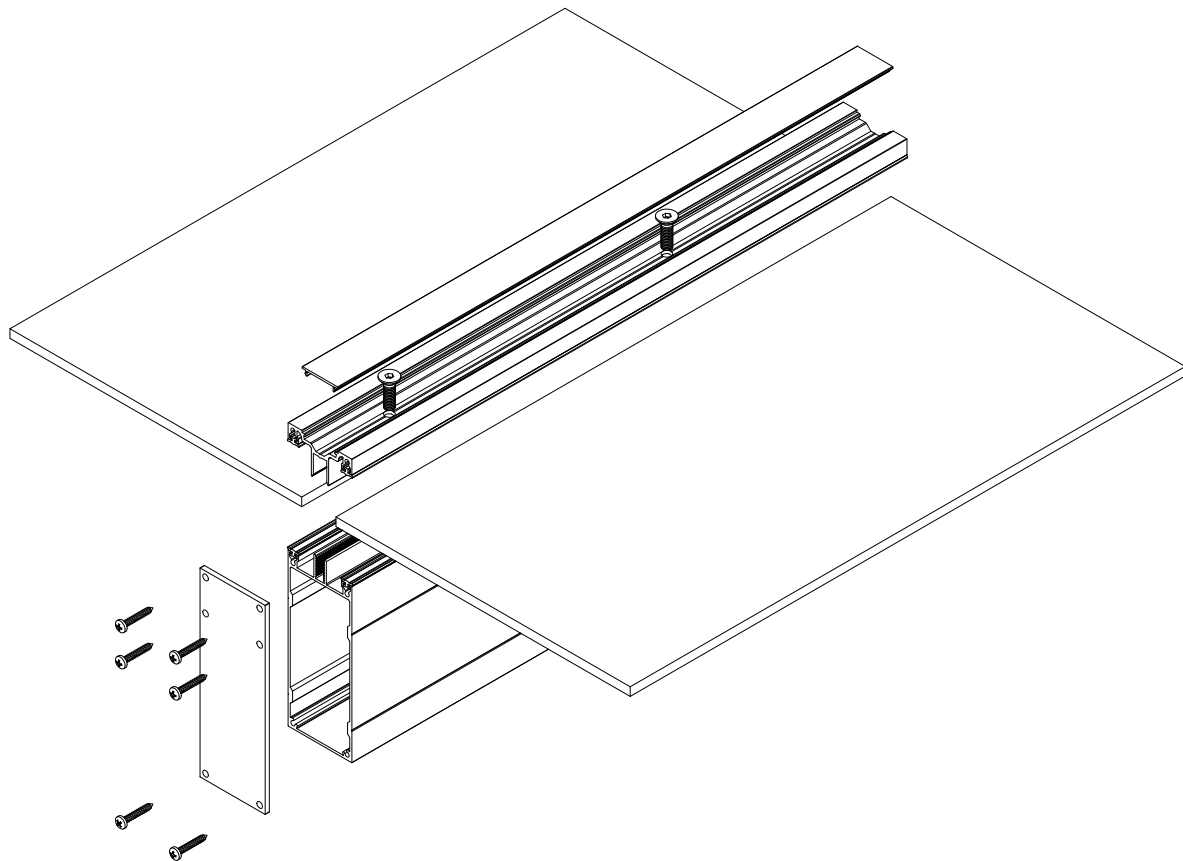
END SECTION



INTERMEDIATE SECTION



EXPLODED VIEW



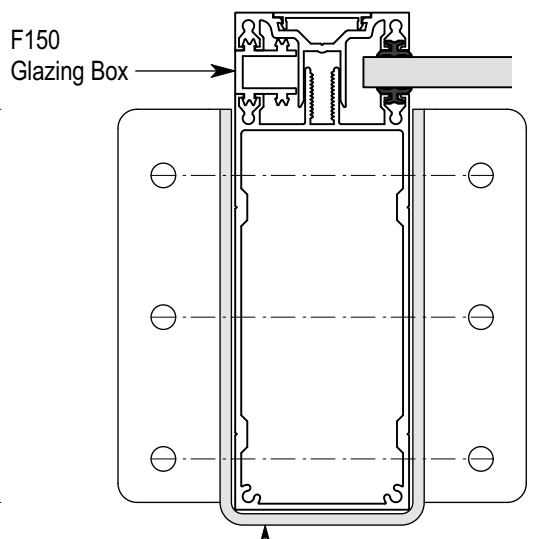
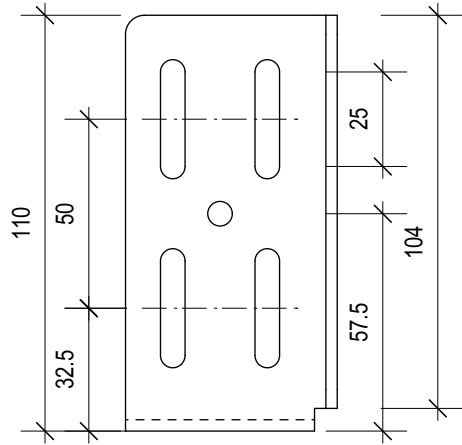
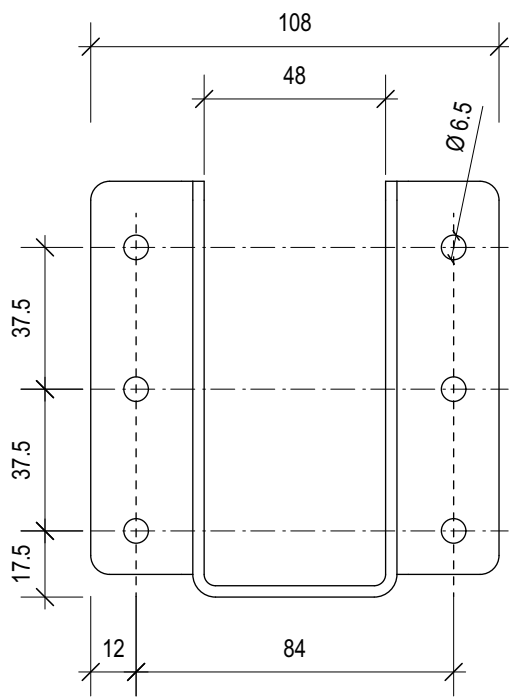
29 Grivelle Street, Kumeu,
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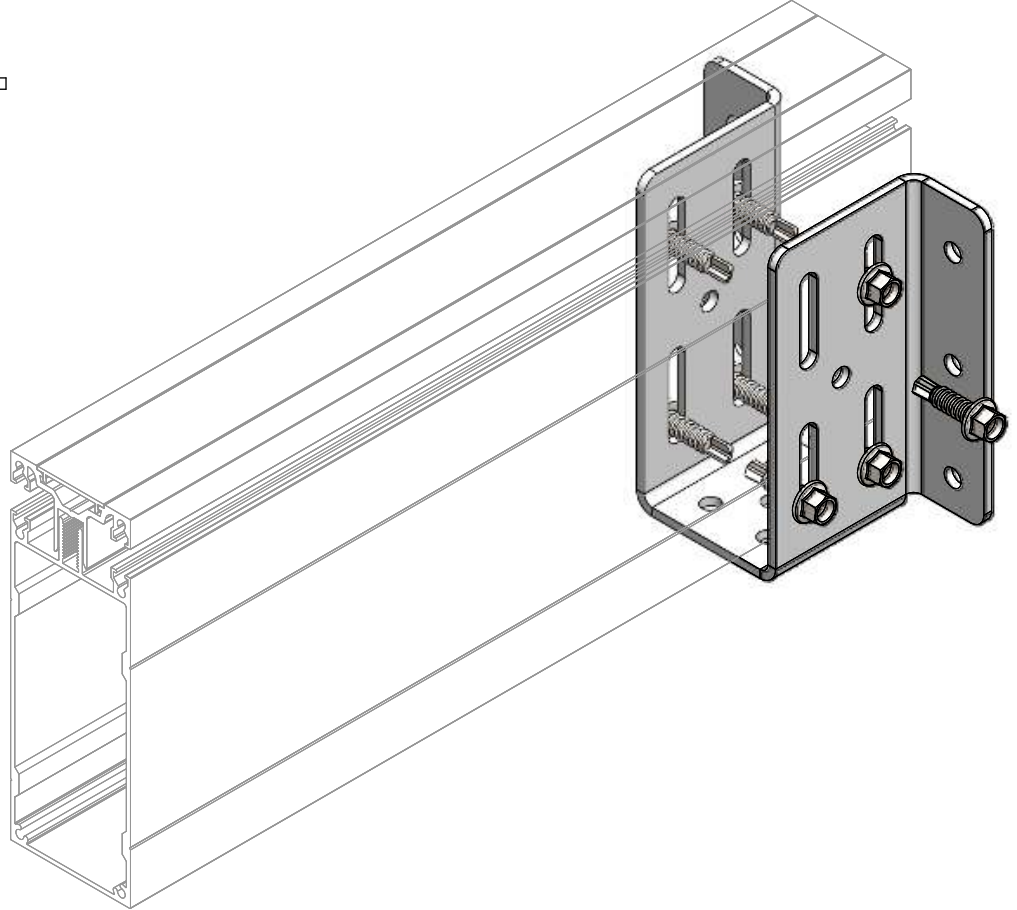
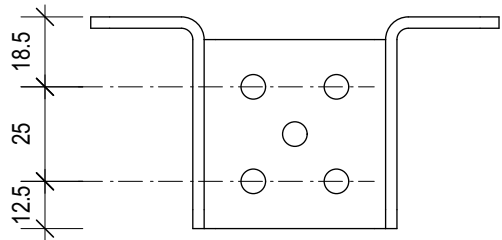
ISSUE	DATE	REVISION
DRAWING NAME:		
Component Part - F150 Glazing Box		DATE : 14-Dec-22
		SCALE @ A4: 1:2
		DWG: A201
REVISION		

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



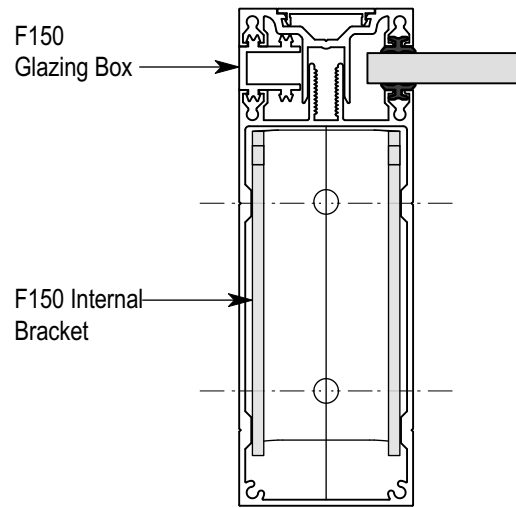
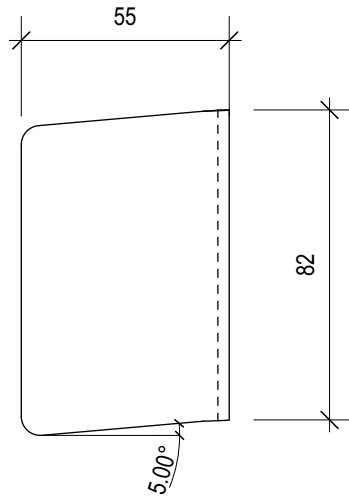
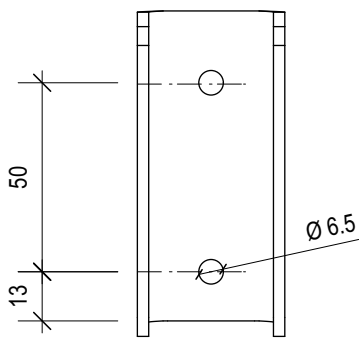
29 Grivelle Street, Kumeu,
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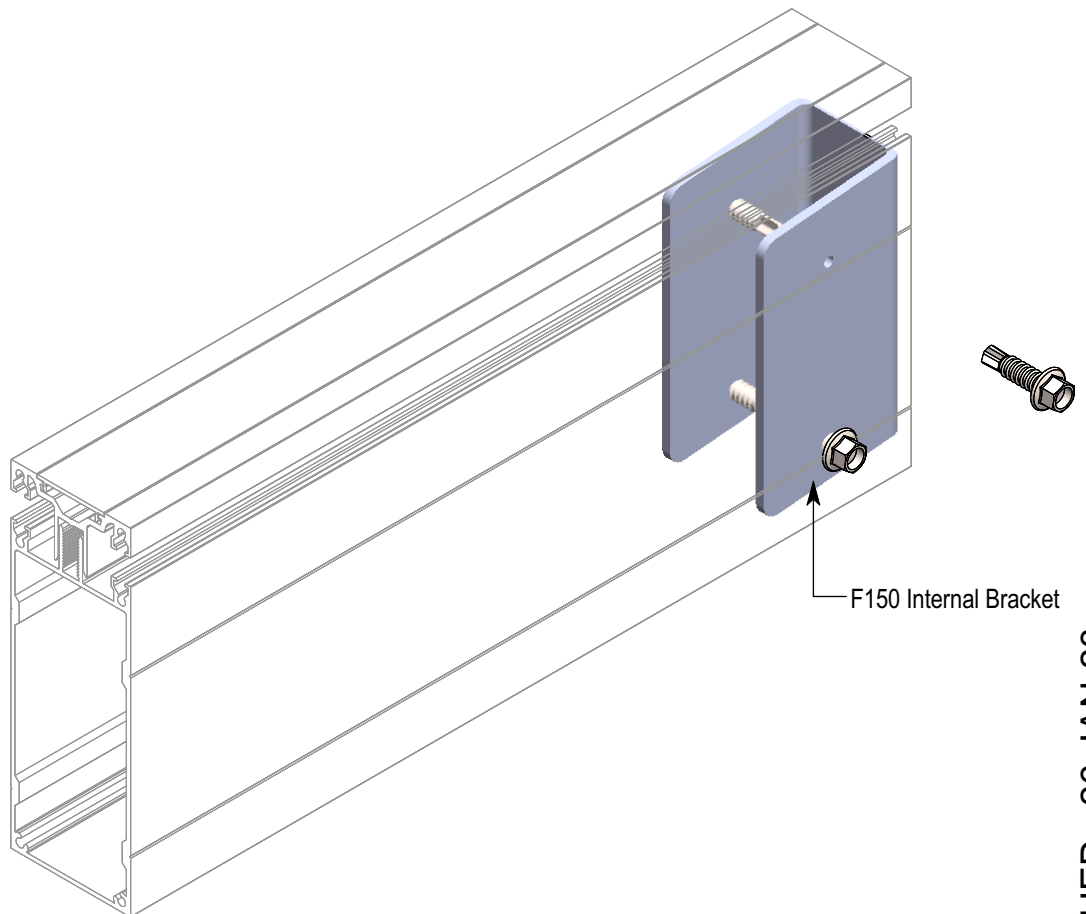
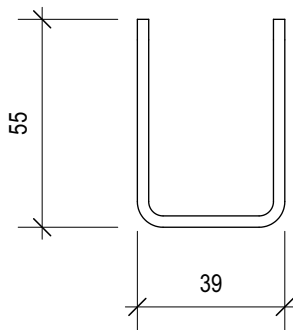
ISSUE	DATE	REVISION
DRAWING NAME:		
Component Part - F150 Hanger Bracket		DATE : 14-Dec-22
		SCALE @ A4: 1:2
		DWG: A202
REVISION		

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.

ISSUED - 26-JAN-23



End View Section



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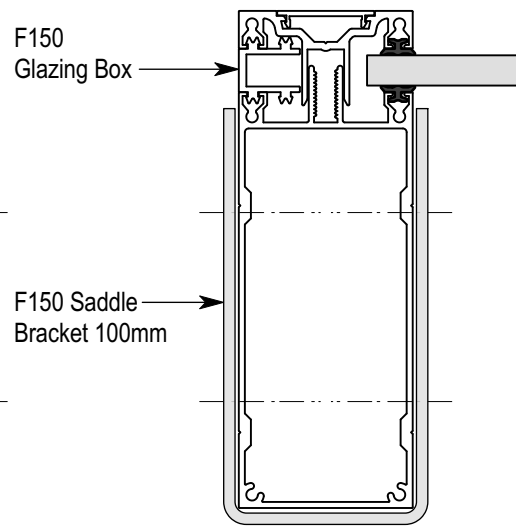
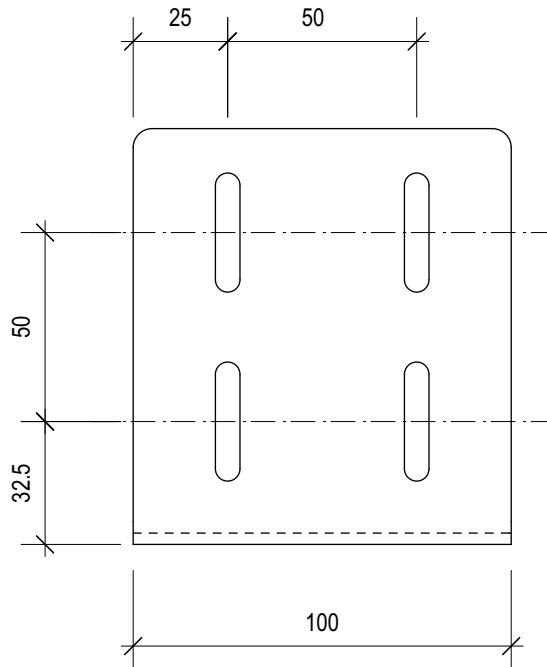
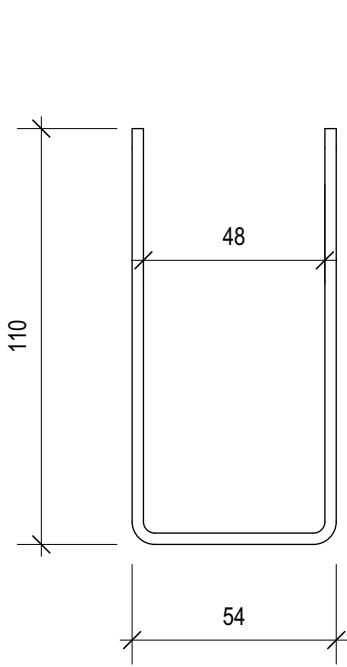


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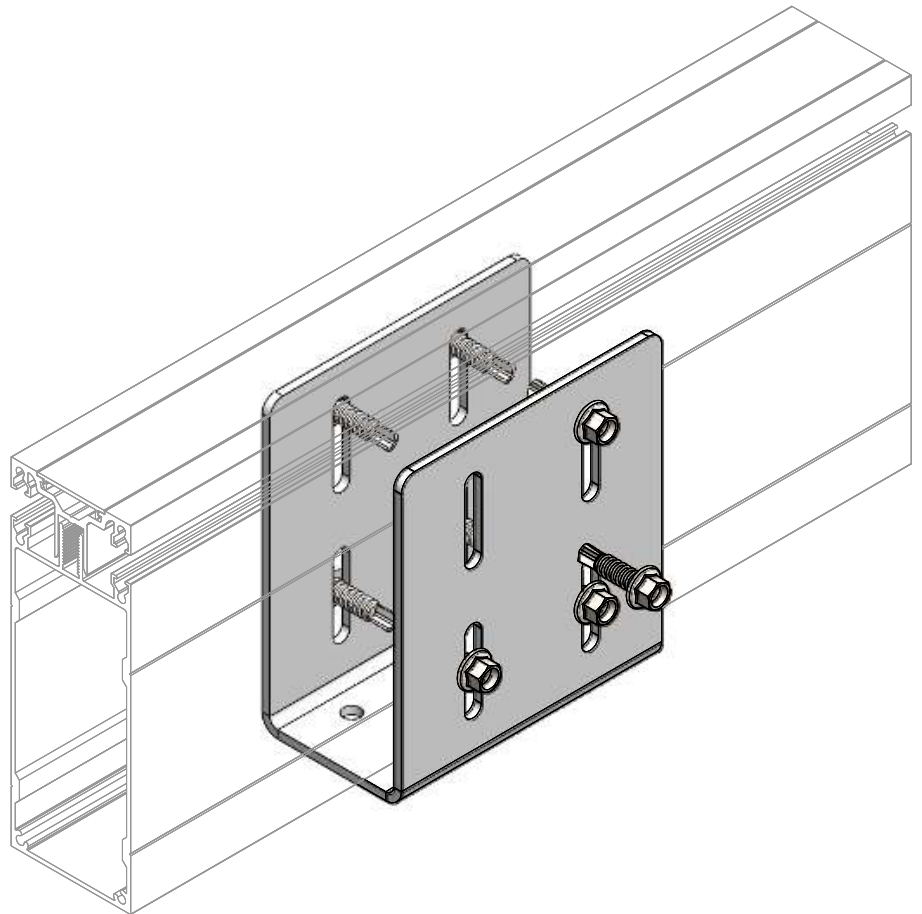
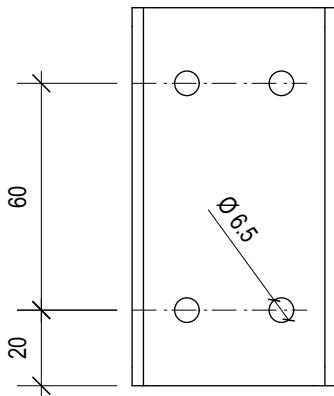
t: 021 2209517
e: mike@ugs.co.nz
w: www.ugs.co.nz

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



ISSUED - 26-JAN-23

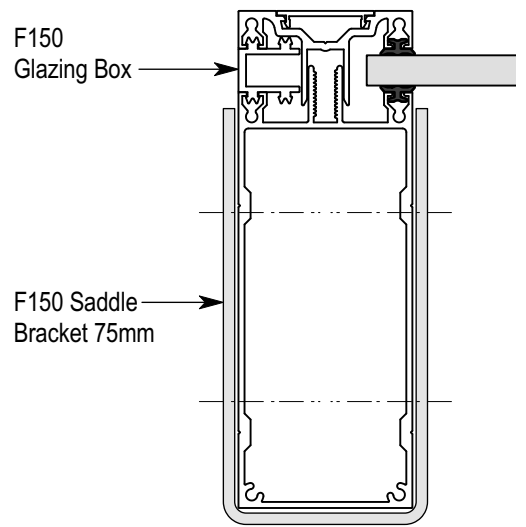
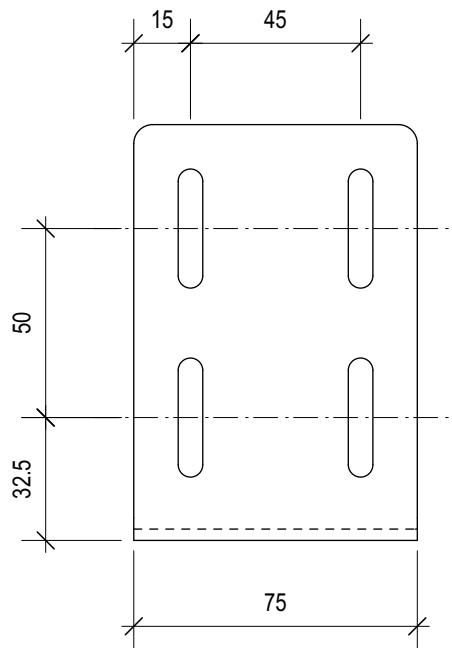
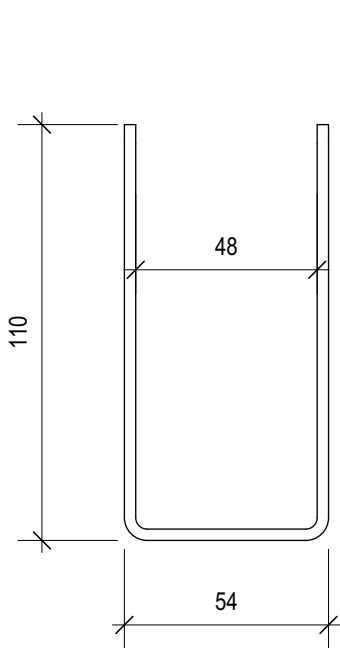


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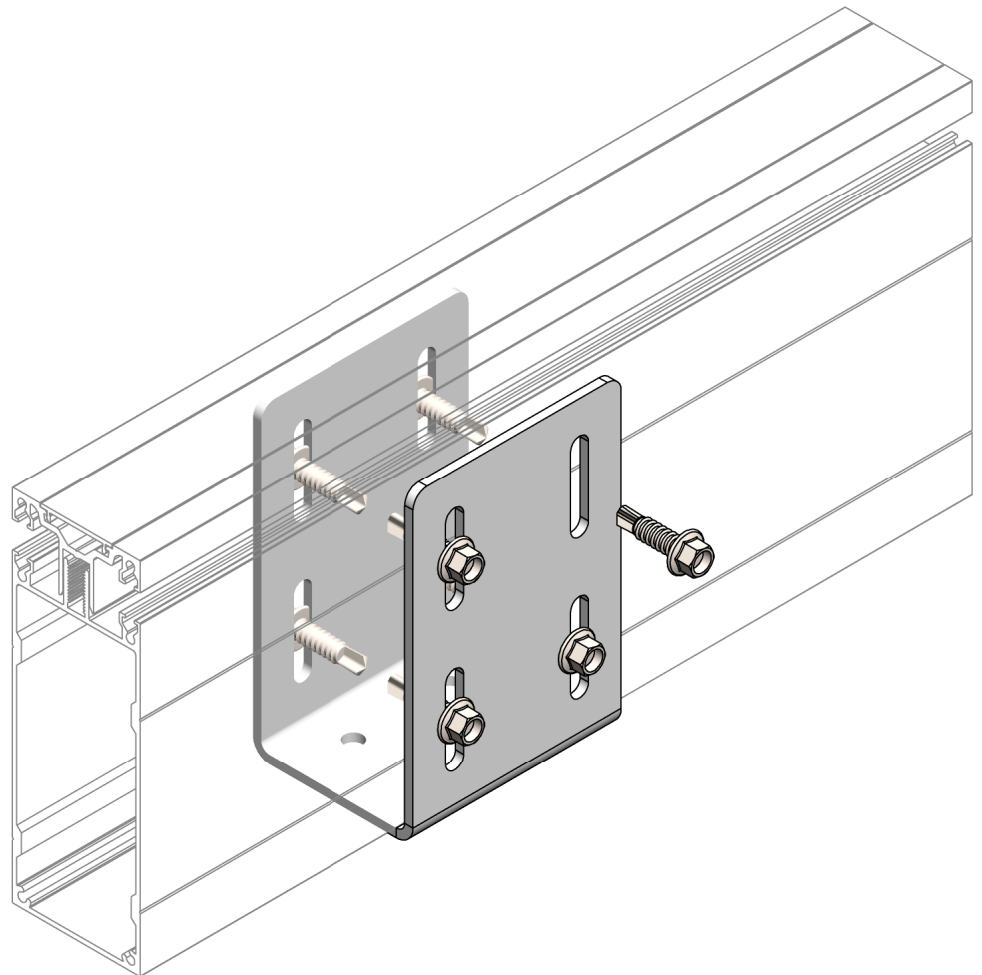
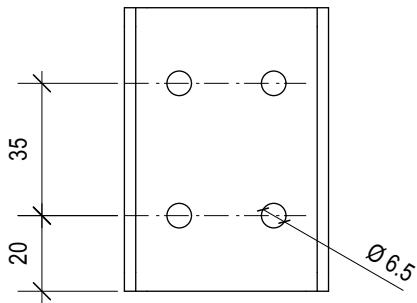
t: 021 2209517
e: mike@ugs.co.nz
w: www.ugs.co.nz

ISSUE	DATE	REVISION
DRAWING NAME:		
Component Part - F150 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

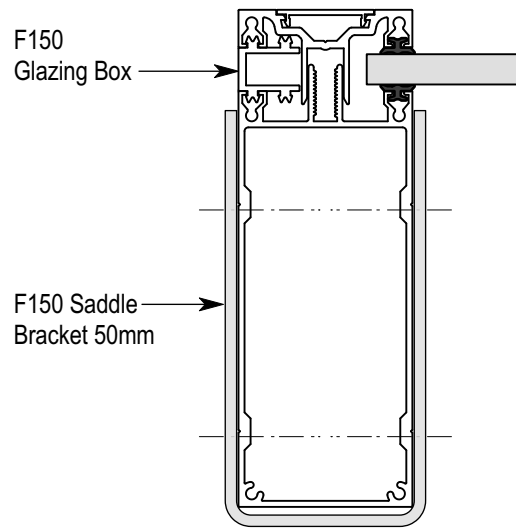
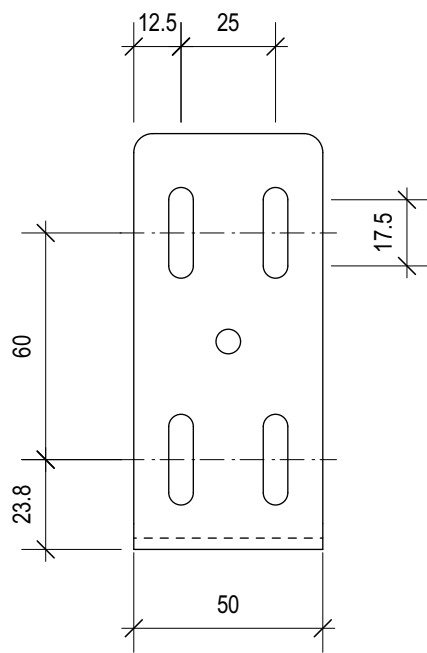
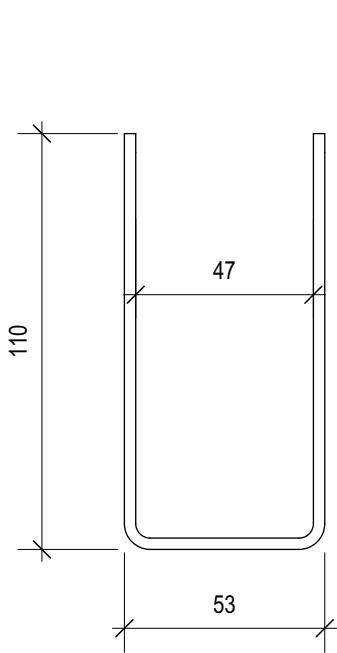


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Auckland 0810, New Zealand

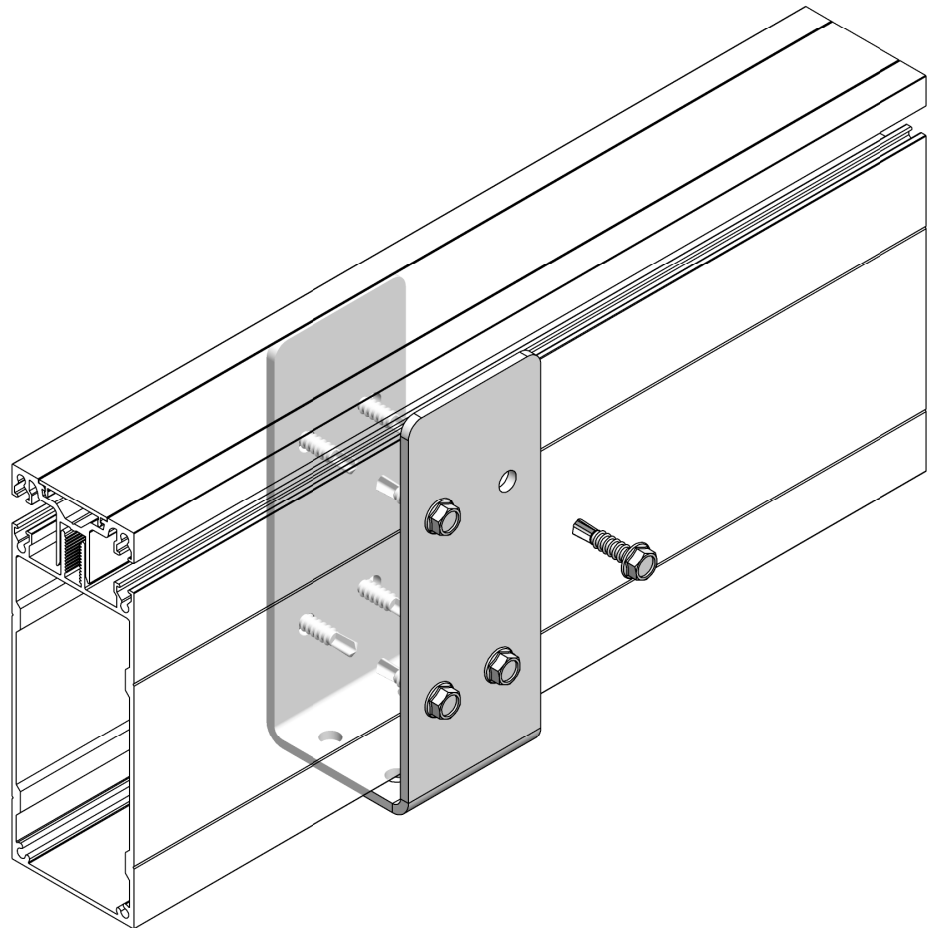
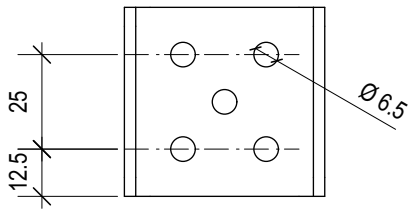
t: 021 2209517
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ISSUE	DATE	REVISION
DRAWING NAME:		
Component Part - F150 Saddle Bracket, 75mm		DATE : 14-Dec-22
		SCALE @ A4: 1:2
		DWG: A205
REVISION		

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



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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

ISSUED - 26-JAN-23



UNIVERSAL
GLAZING SYSTEMS

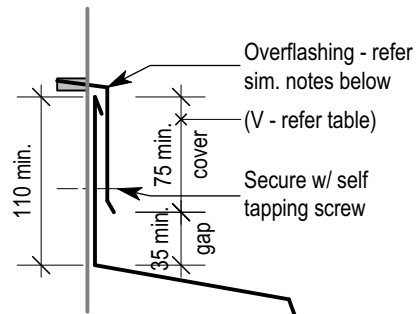
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e: mike@ugs.co.nz
w: www.ugs.co.nz

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Auckland 0810, New Zealand

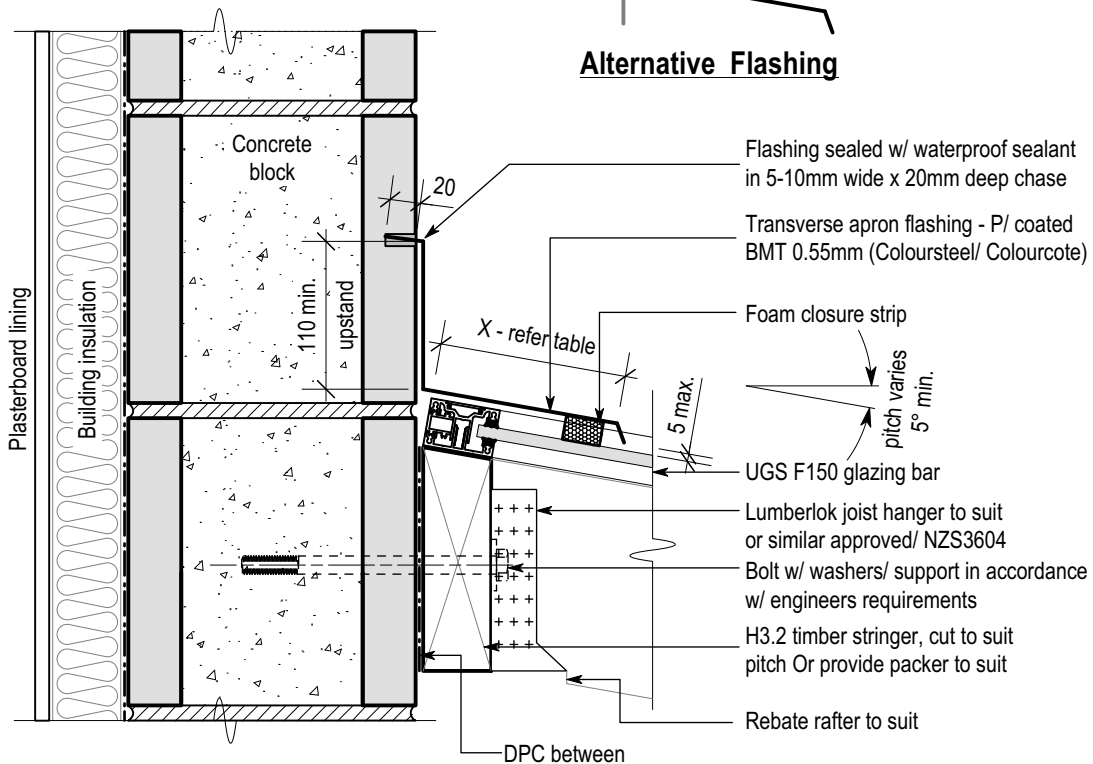
ISSUE	DATE	REVISION
DRAWING NAME:		
Block Masonry Details		DATE : 20-Jan-23
		SCALE @ A4:
		DWG: BM-00
		REVISION

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



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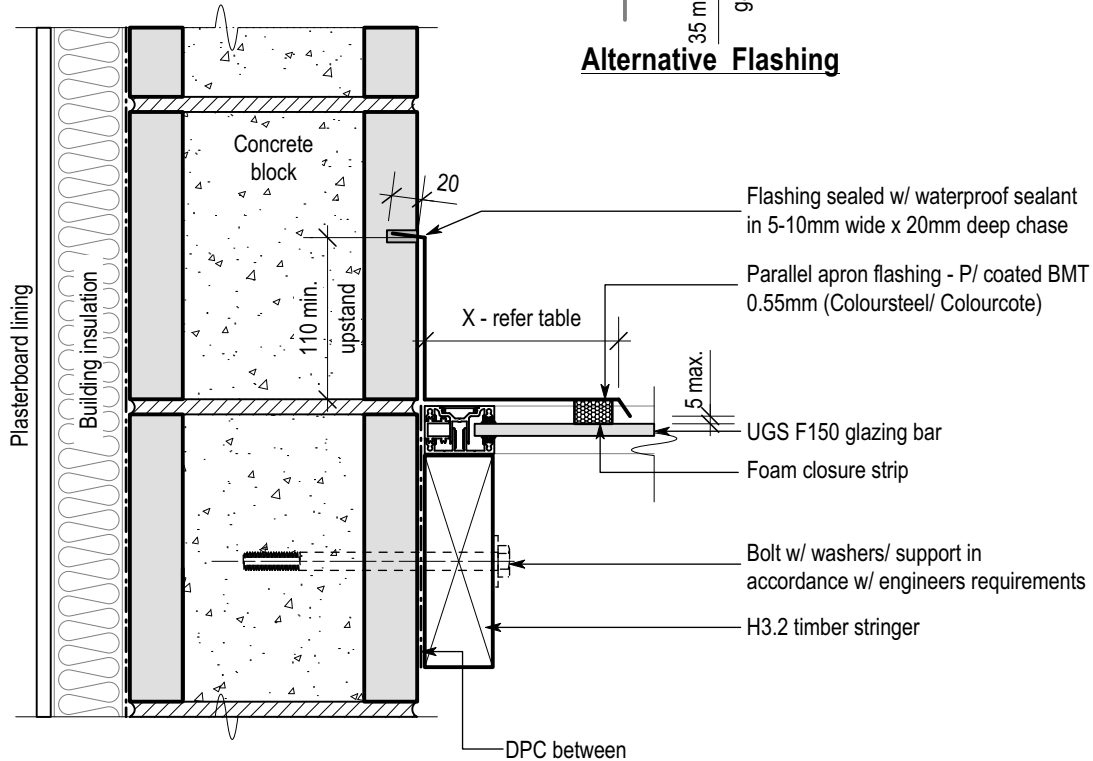
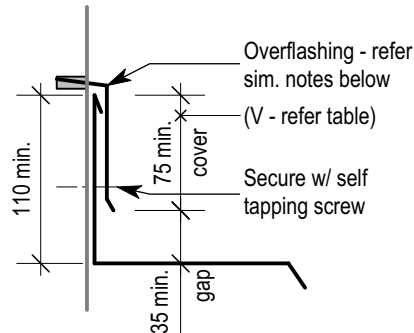
t: 021 2209517
e:mike@ugs.co.nz
w: www.ugs.co.nz

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.



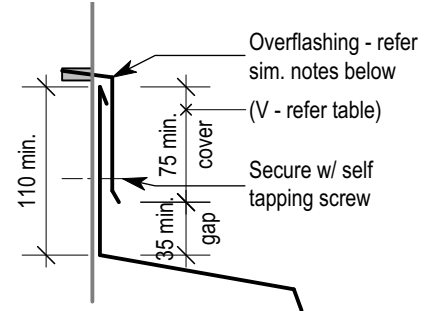
ISSUED - 26-JAN-23

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

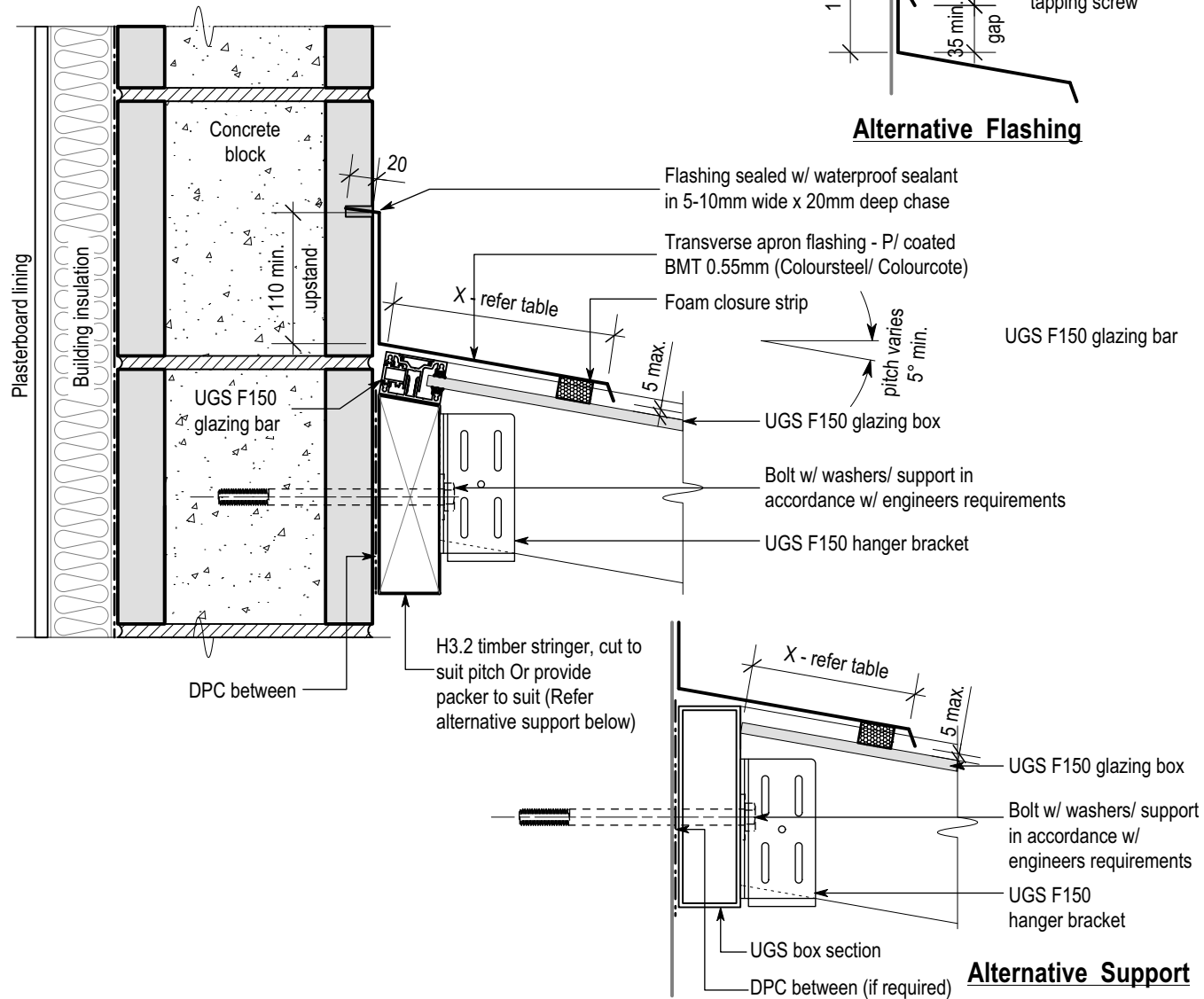
General Notes: 1 - All dimensions are in millimeters.(mm) 2 - Liaise with engineer where required.
3 - All structural supports required to support system are to comply with NZBC and New Zealand Building Act.

	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.



Alternative Flashing



Alternative Support

ISSUED - 26-JAN-23



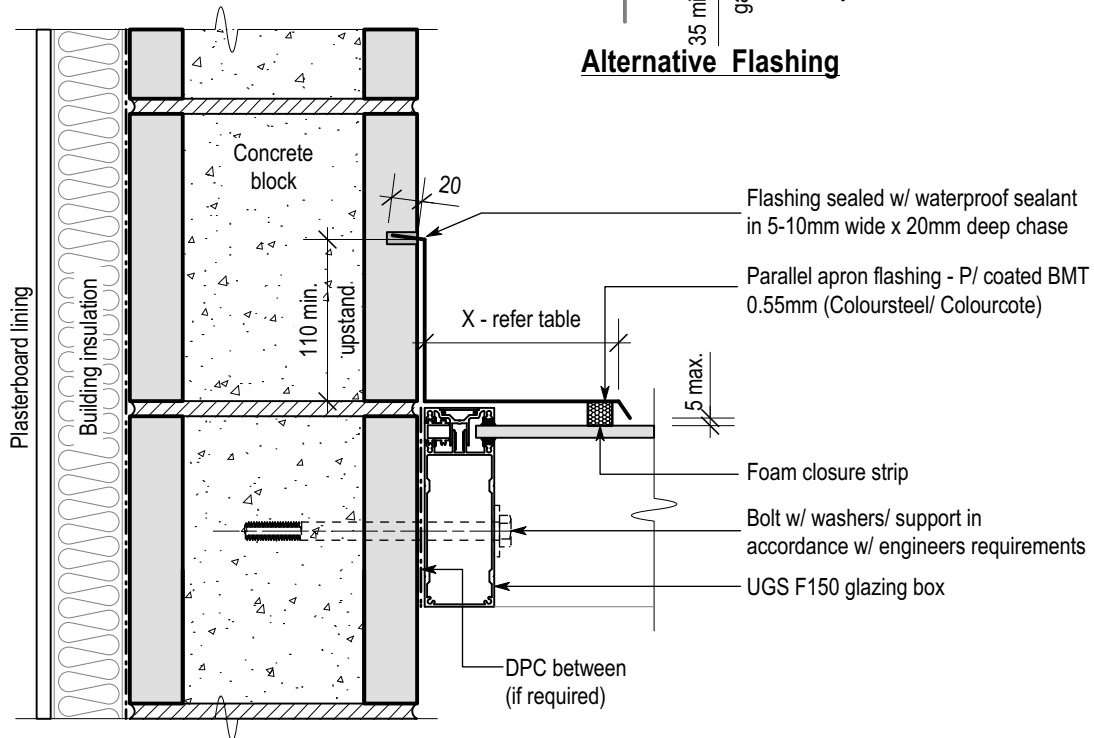
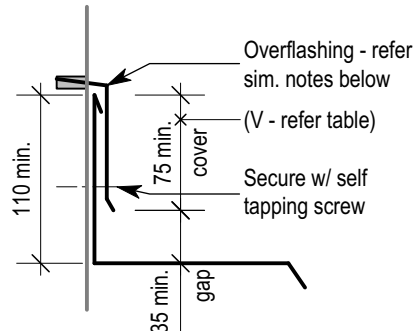
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ISSUE	DATE	REVISION
DRAWING NAME:		
Transverse Apron - Block Masonry (F150 G/Box)		
DATE :	14-Dec-22	
SCALE @ A4:	1:5	
DWG:	BM-03	
REVISION		

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.



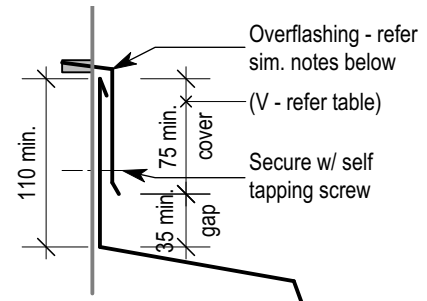
ISSUED - 26-JAN-23

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

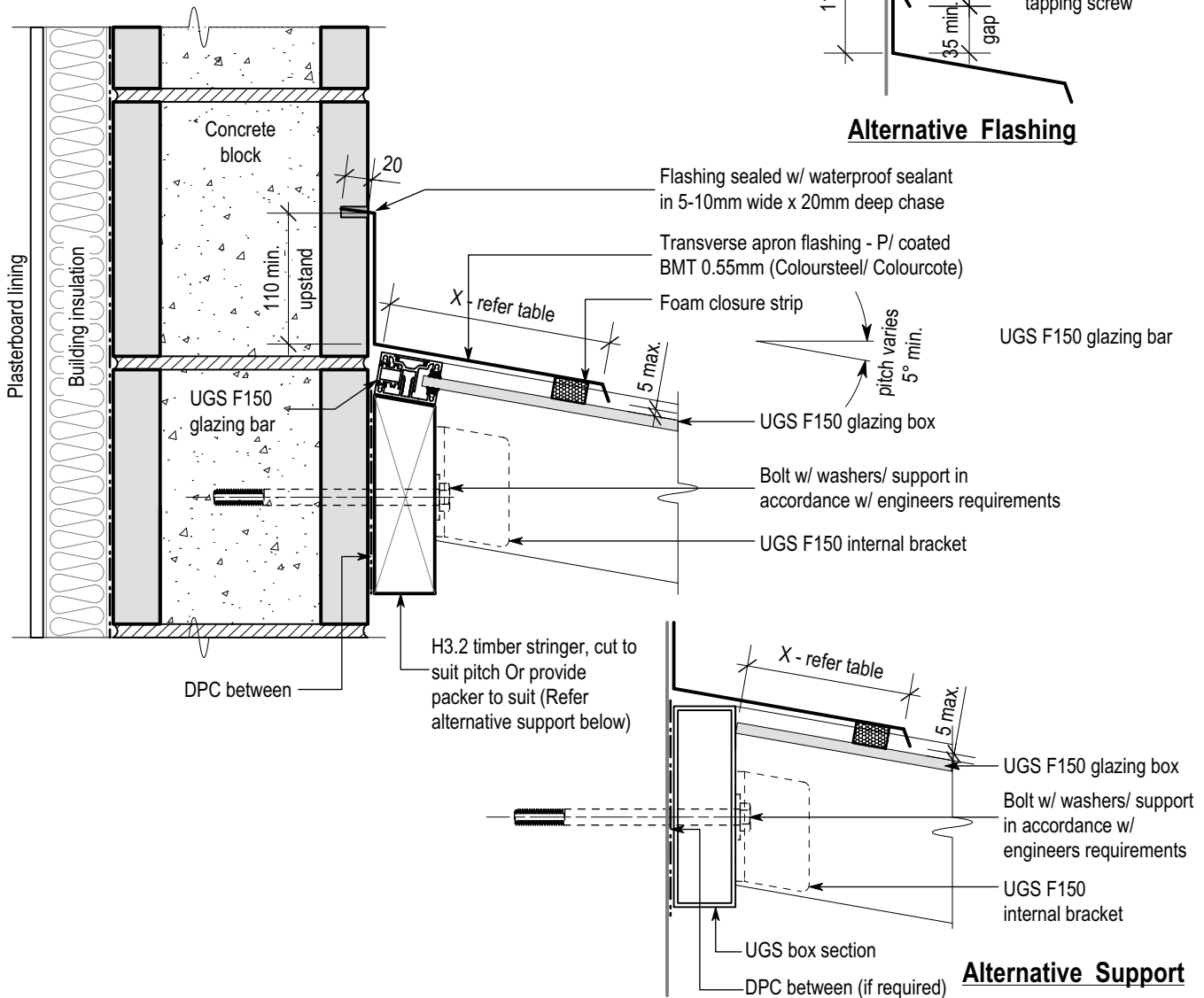
General Notes: 1 - All dimensions are in millimeters.(mm) 2 - Liaise with engineer where required.
 3 - All structural supports required to support system are to comply with NZBC and New Zealand Building Act.

	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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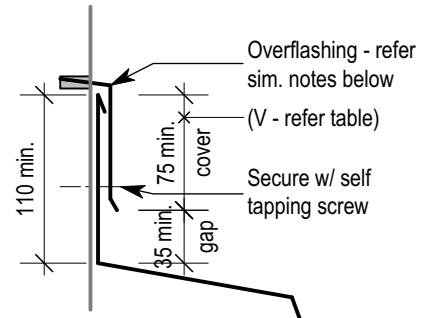
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w: www.ugs.co.nz

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

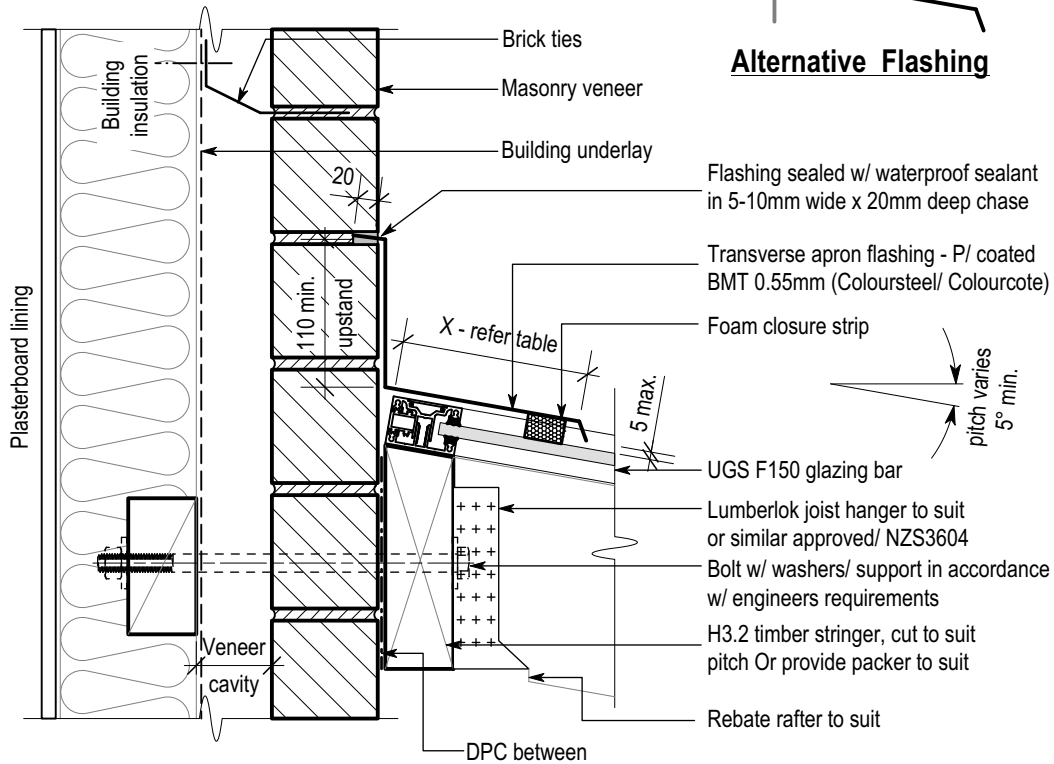
General Notes: 1 - All dimensions are in millimeters.(mm) 2 - Liaise with engineer where required.
3 - All structural supports required to support system are to comply with NZBC and New Zealand Building Act.

	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



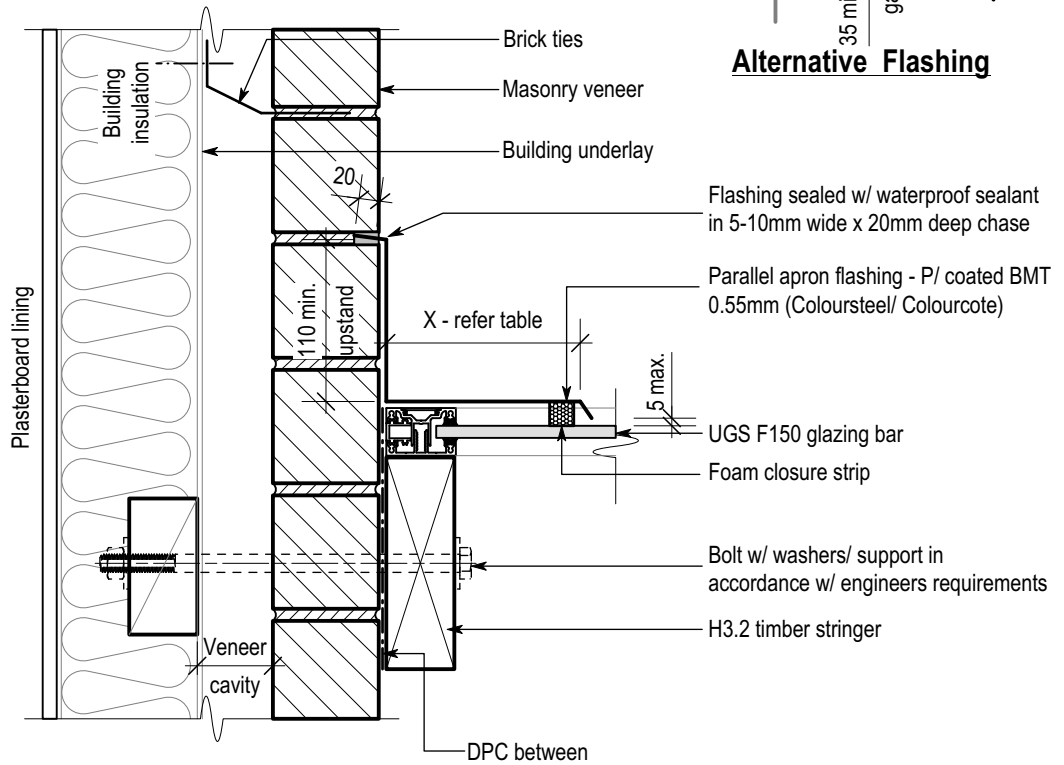
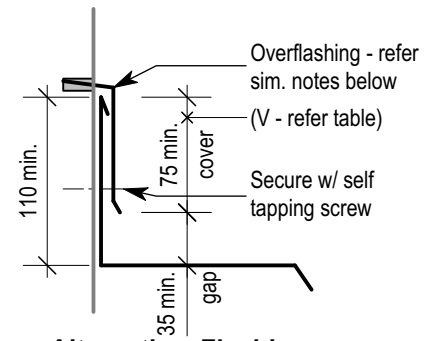
ISSUED - 26-JAN-23

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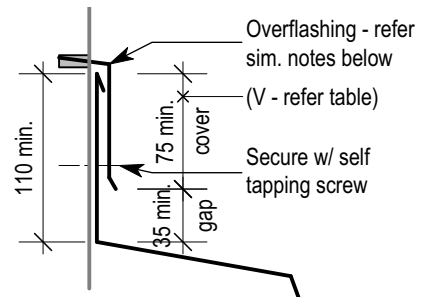
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ISSUE	DATE	REVISION
DRAWING NAME:		
Parallel Apron - Brick Veneer (F150 G/Bar)		
DATE :	14-Dec-22	
SCALE @ A4:	1:5	
DWG:	BV-02	
REVISION		

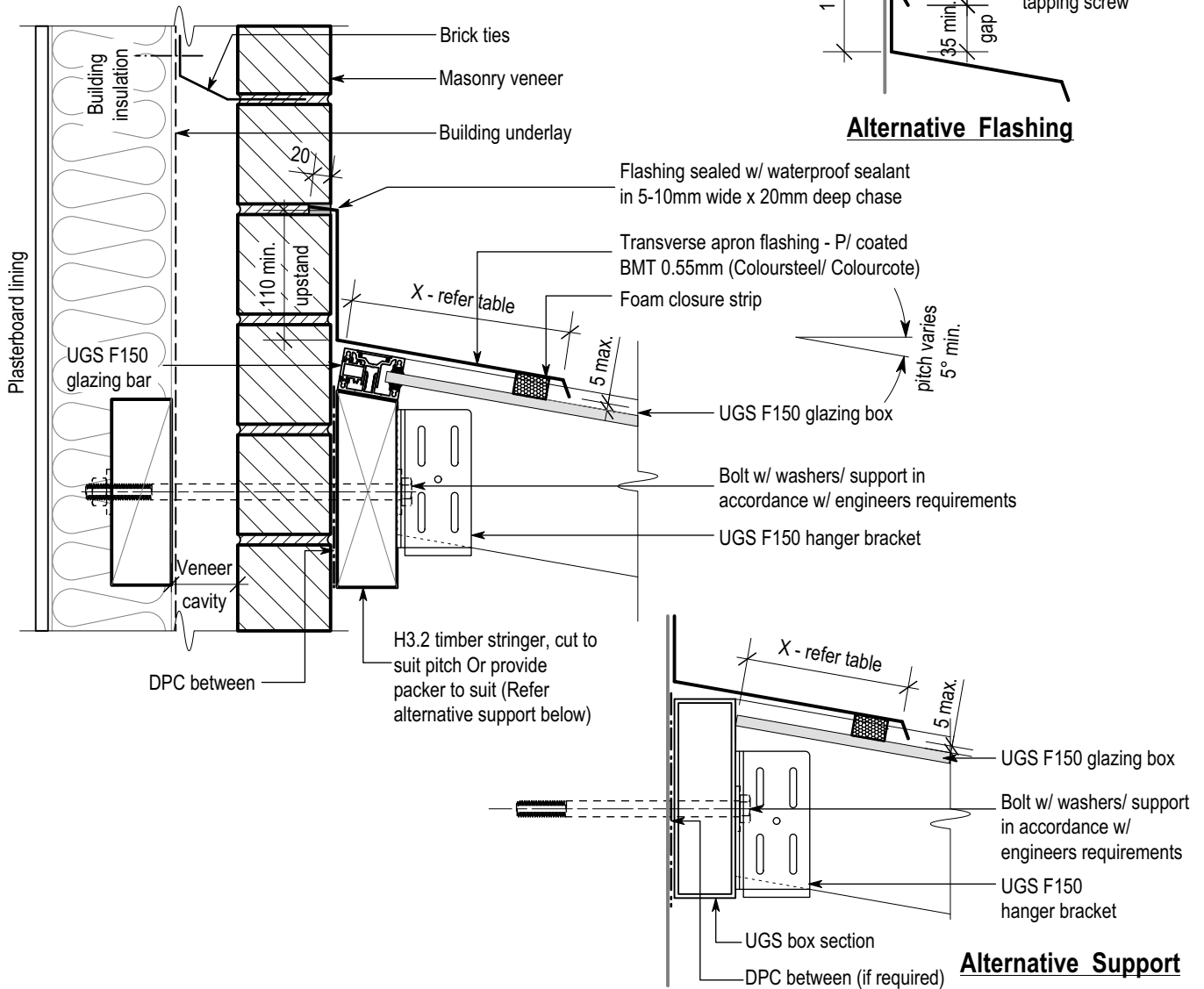
General Notes: 1 - All dimensions are in millimeters.(mm) 2 - Liaise with engineer where required.
3 - All structural supports required to support system are to comply with NZBC and New Zealand Building Act.

	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



Alternative Support

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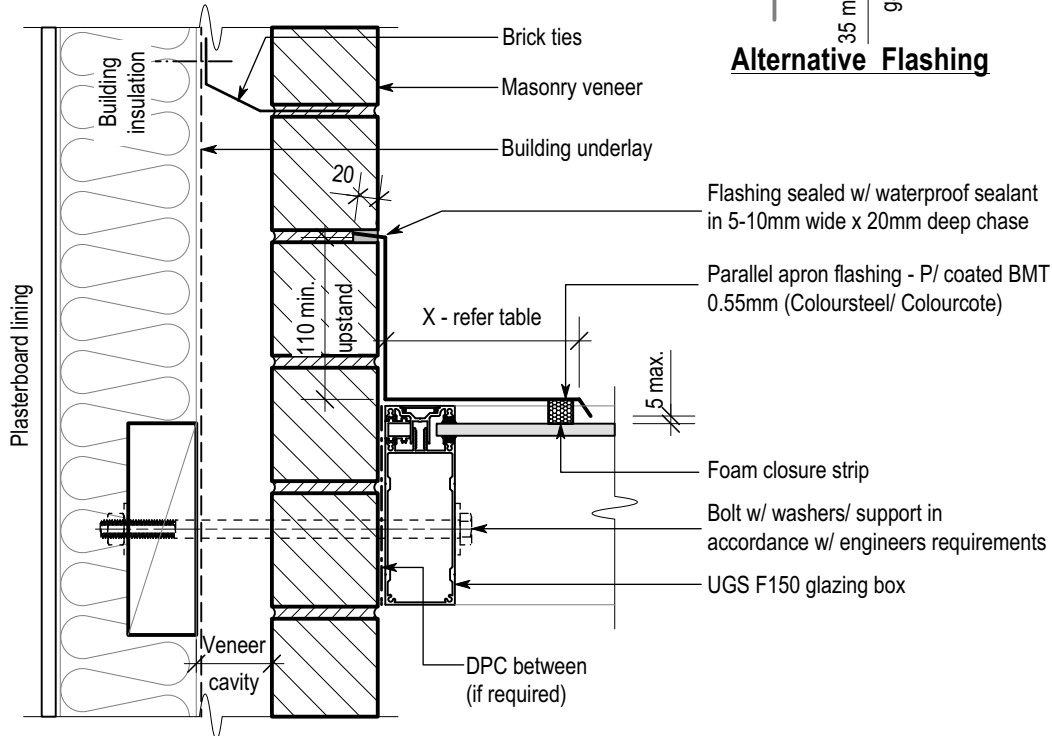
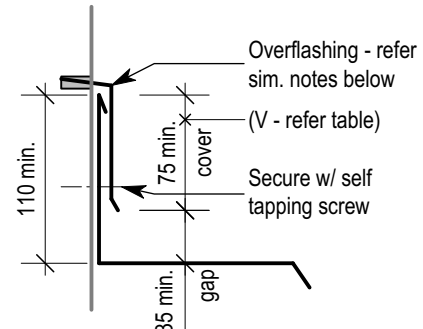
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ISSUE	DATE	REVISION
DRAWING NAME:		
Transverse Apron - Brick Vener (F150 G/Box)		
DATE :	14-Dec-22	
SCALE @ A4:	1:5	
DWG:	BV-03	
REVISION		

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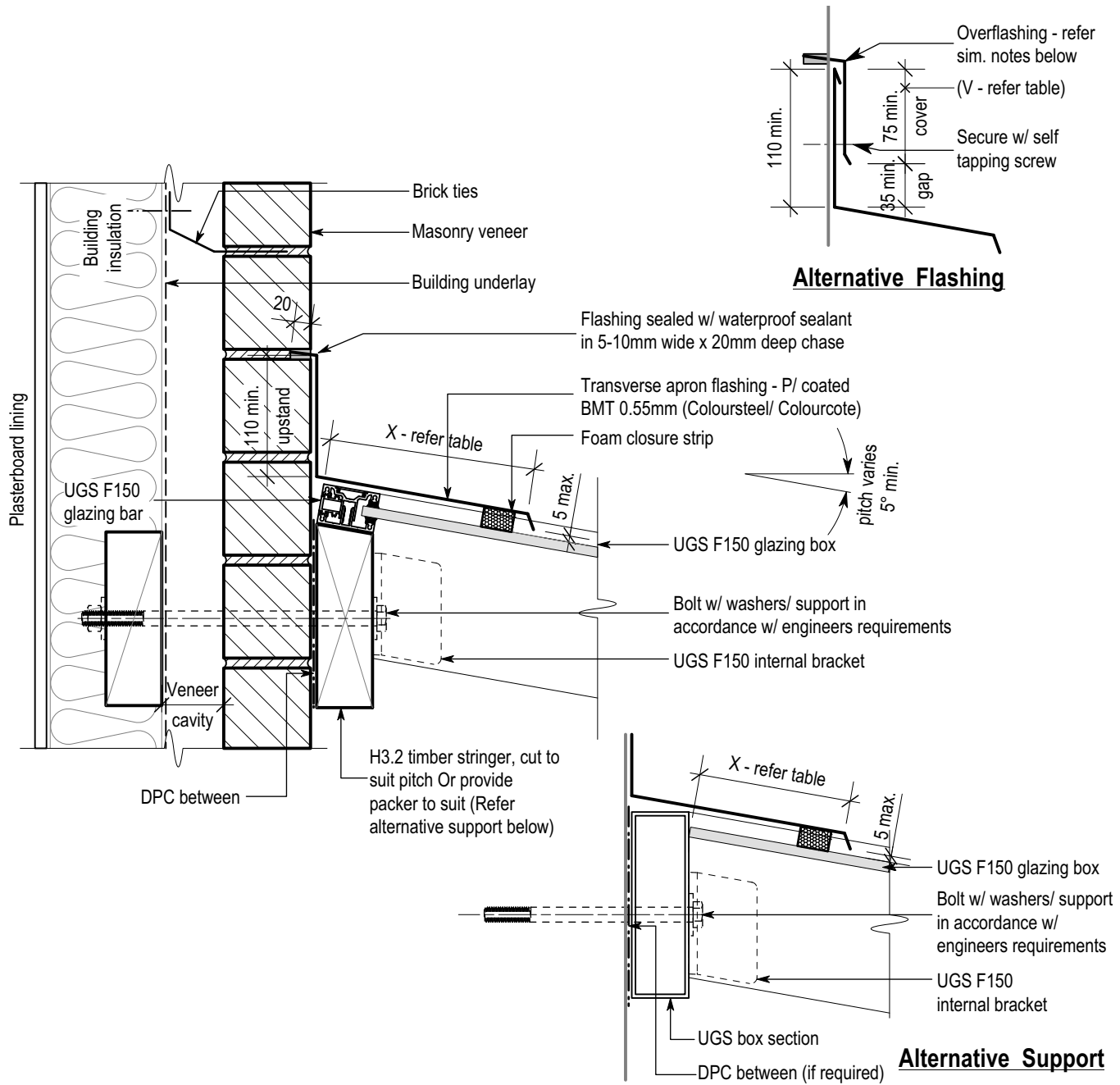
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ISSUE	DATE	REVISION
DRAWING NAME:		
Parallel Apron - Brick Veneer (F150 G/Box)		DATE : 14-Dec-22
		SCALE @ A4: 1:5
		DWG: BV-04
REVISION		

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.
2. All flashings to be installed in accordance w/ "New Zealand Metal Roofing Manufacturers Association".
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ISSUE	DATE	REVISION
DRAWING NAME:		
Transverse Apron - Brick Veneer (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



UNIVERSAL
GLAZING SYSTEMS

29 Grivelle Street, Kumeu,
Auckland 0810, New Zealand

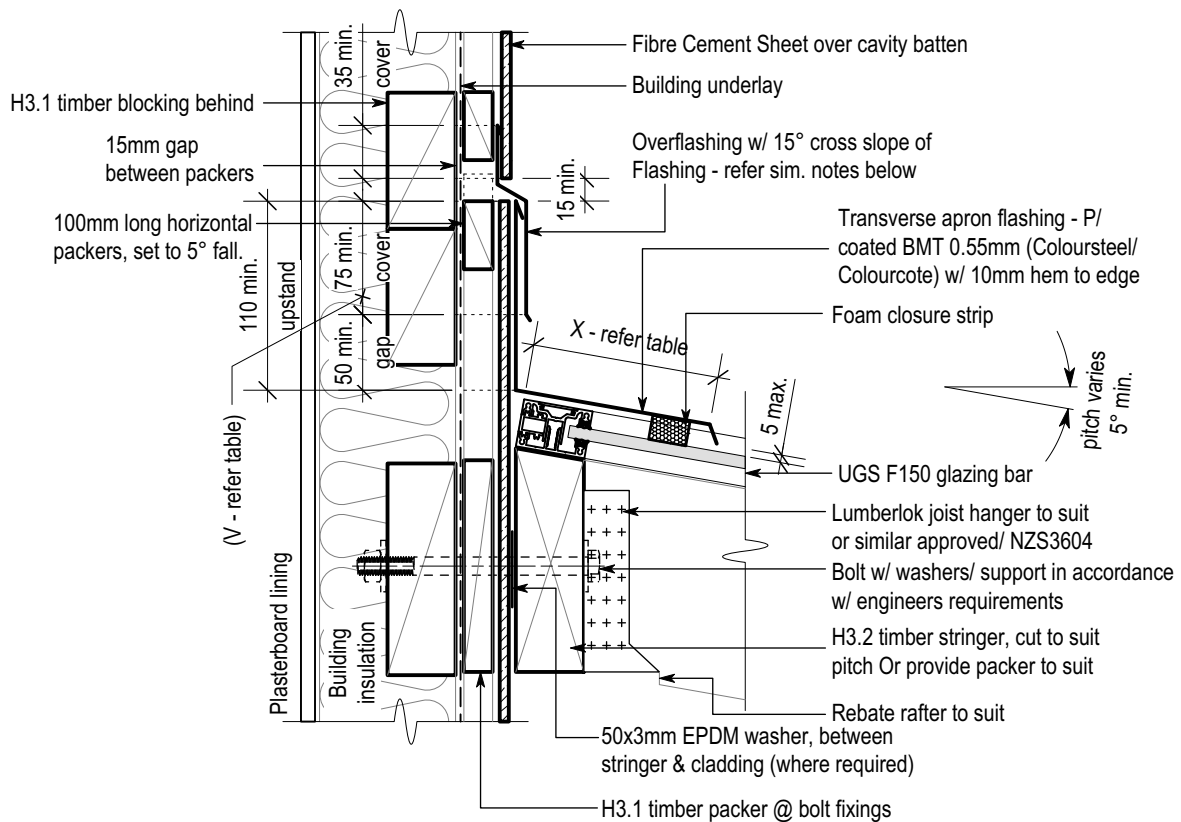
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ISSUE	DATE	REVISION
DRAWING NAME:		
Fibre Cement Sheet Details		DATE : 20-Jan-23
		SCALE @ A4:
		DWG: FS-00
		REVISION

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

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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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Auckland 0810, New Zealand

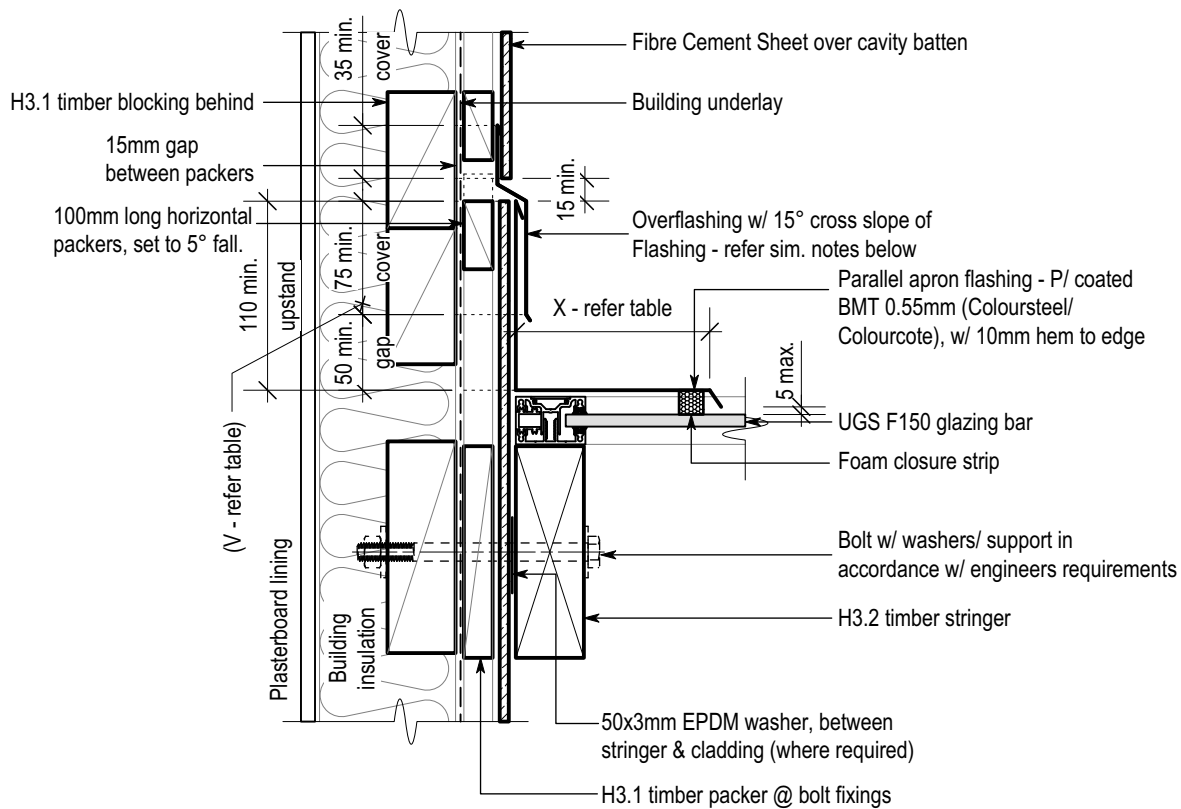
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ISSUE	DATE	REVISION
DRAWING NAME:		
Transverse Apron - Fibre Cement Sheet, Cavity (F150 G/Bar)		DATE : 14-Dec-22
		SCALE @ A4: 1:5
		DWG: FS-01
REVISION		

General Notes: 1 - All dimensions are in millimeters.(mm) 2 - Liaise with engineer where required.
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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
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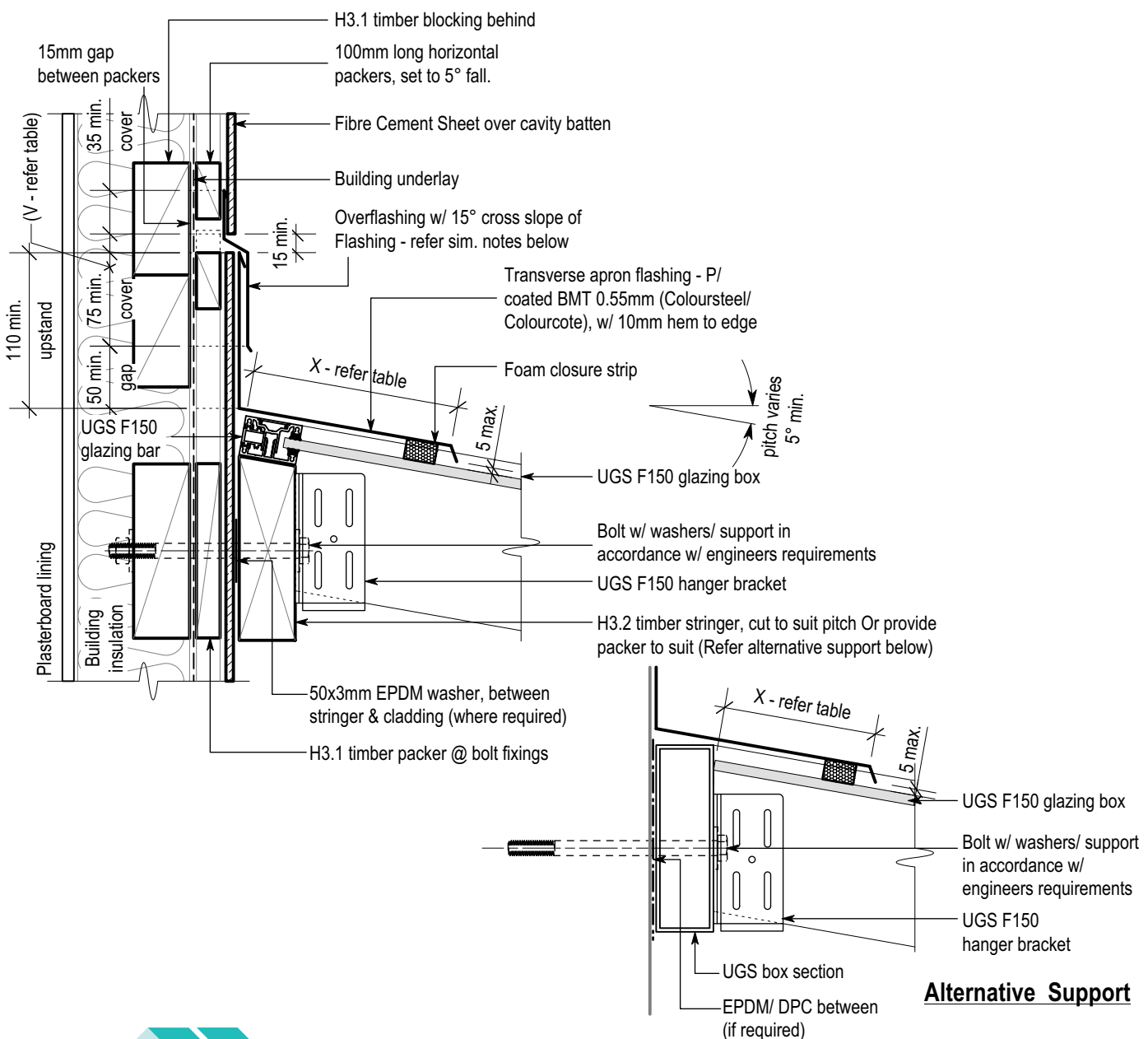
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ISSUE	DATE	REVISION
DRAWING NAME:		
Parallel Apron - Fibre Cement Sheet, Cavity (F150 G/Bar)		DATE : 14-Dec-22
		SCALE @ A4: 1:5
		DWG: FS-02
REVISION		

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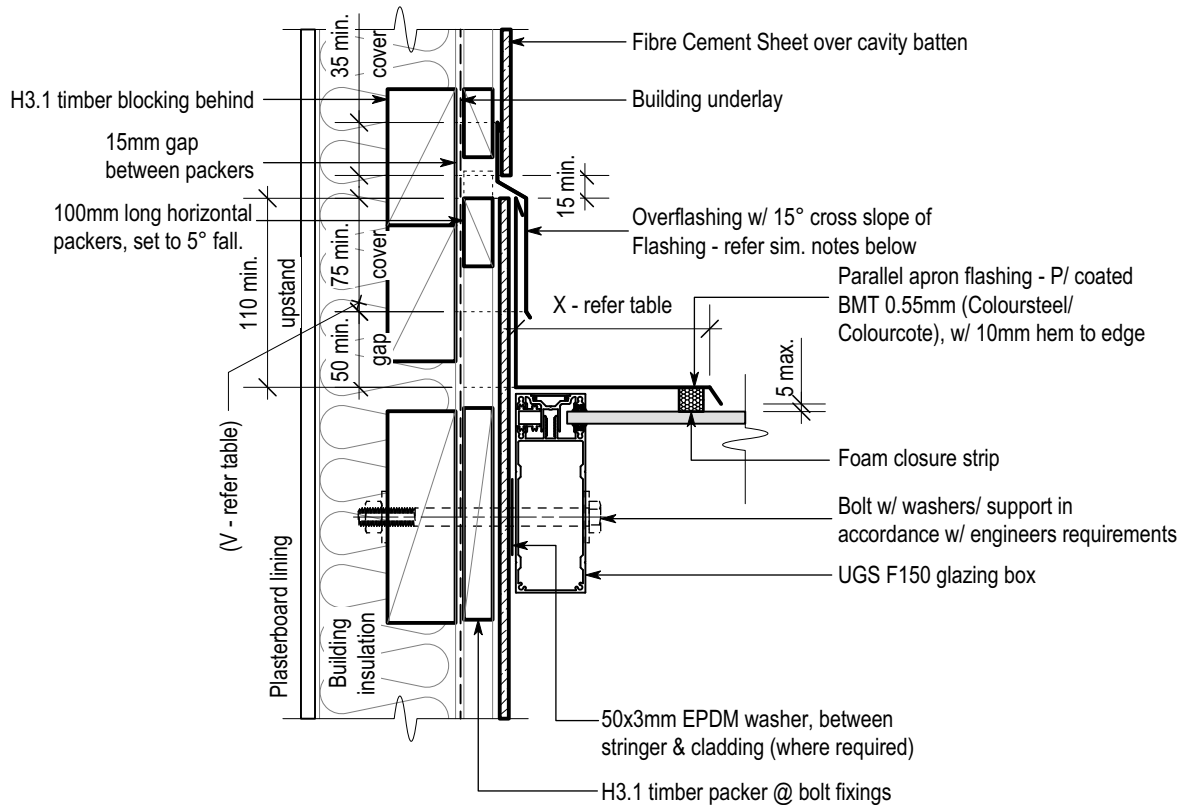
ISSUE	DATE	REVISION
DRAWING NAME:		
Transverse Apron - Fibre Cement Sheet, Cavity (F150 G/Box)		DATE : 14-Dec-22
		SCALE @ A4: 1:5
		DWG: FS-03
REVISION		

General Notes: 1 - All dimensions are in millimeters.(mm) 2 - Liaise with engineer where required.
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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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2. All flashings to be installed in accordance w/ "New Zealand Metal Roofing Manufacturers Association".
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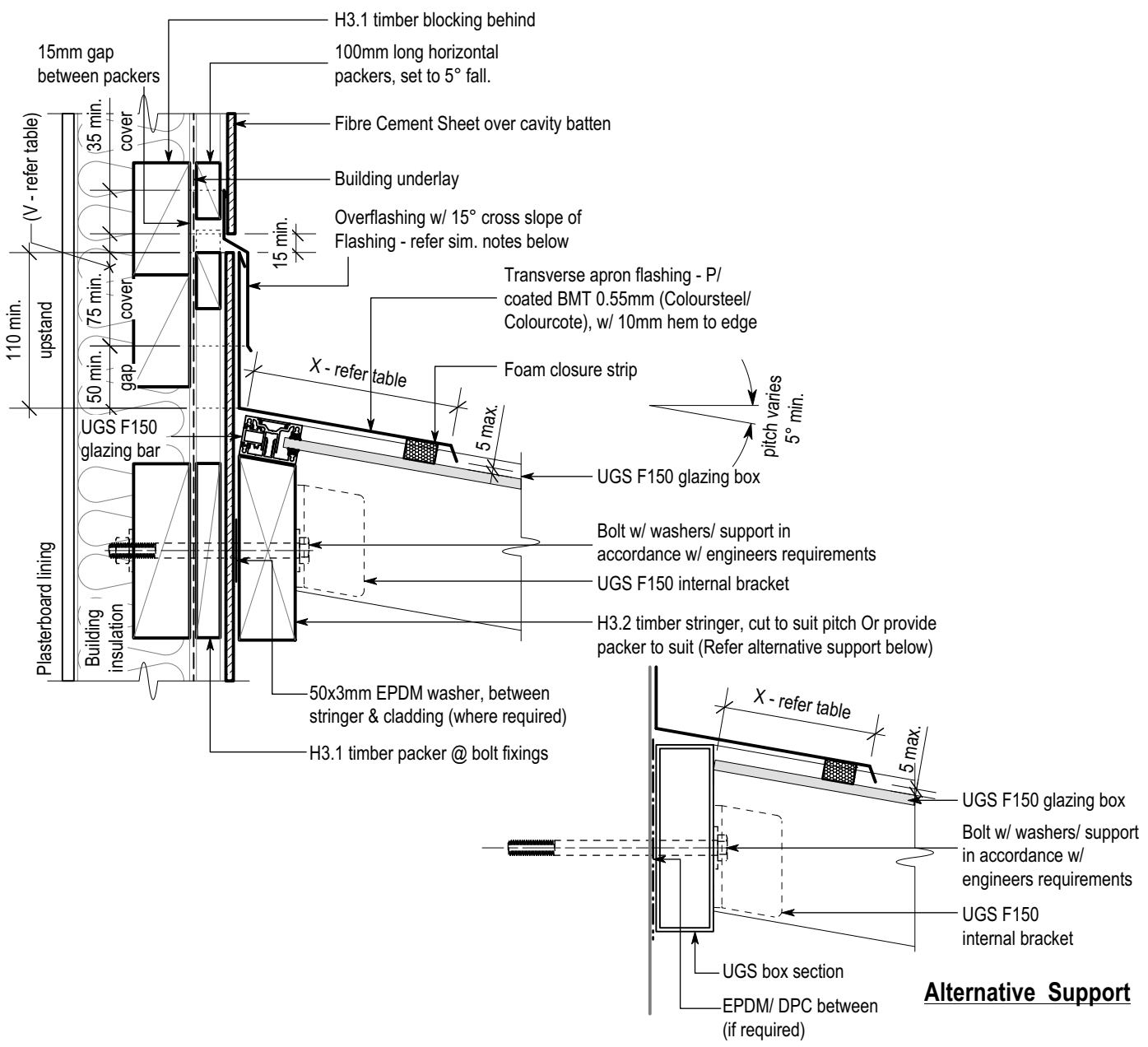
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ISSUE	DATE	REVISION
DRAWING NAME:		
Parallel Apron - Fibre Cement Sheet, Cavity (F150 G/Box)		DATE : 14-Dec-22
		SCALE @ A4: 1:5
		DWG: FS-04
REVISION		

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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ISSUE	DATE	REVISION

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

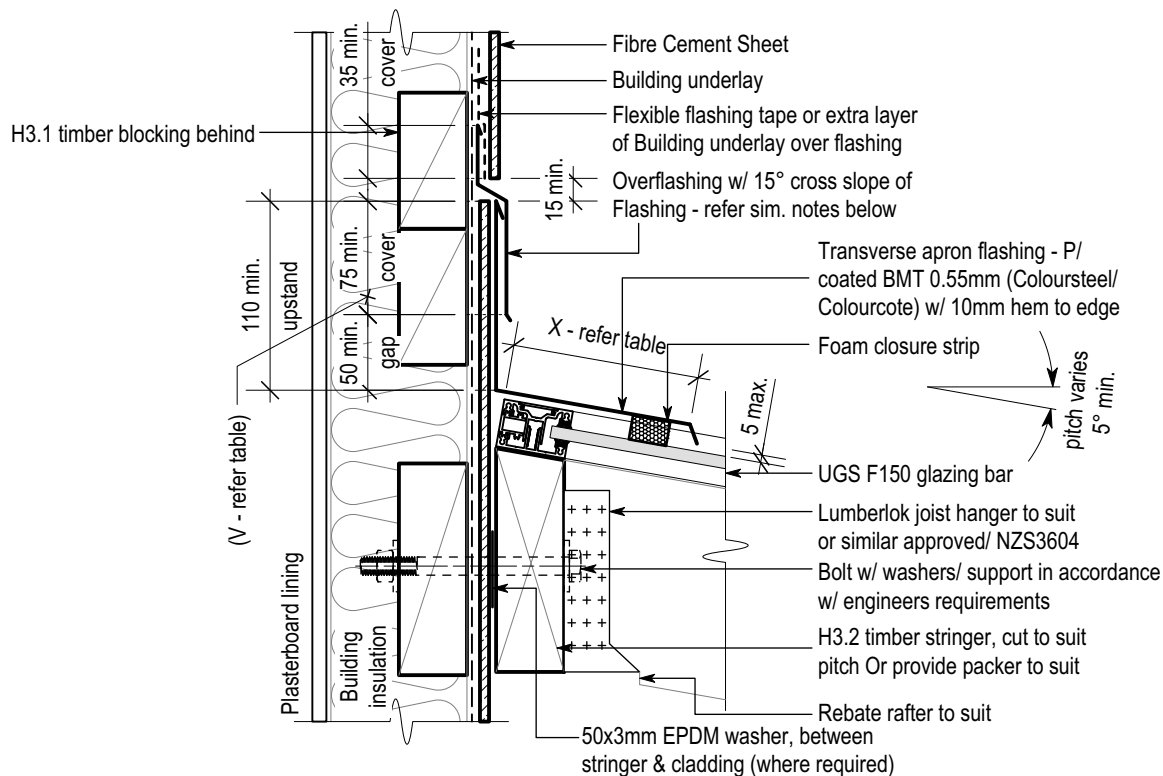
DATE :	14-Dec-22
SCALE @ A4:	1:5
DWG:	FS-05
REVISION	

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.

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

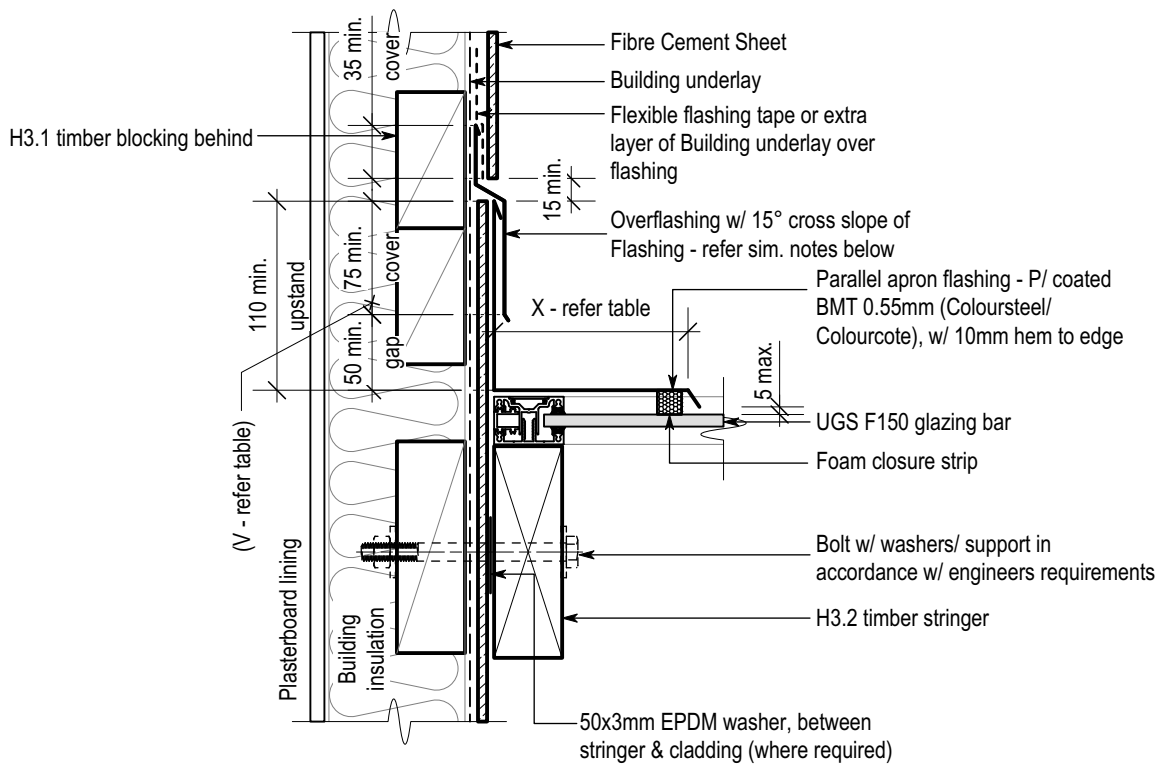
1. Flashing widths based on NZBC, clause E2/AS1, table 7.
2. All flashings to be installed in accordance w/ "New Zealand Metal Roofing Manufacturers Association".
3. All UGS profiles to have end plates installed where required.



ISSUE	DATE	REVISION
DRAWING NAME:		
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.			

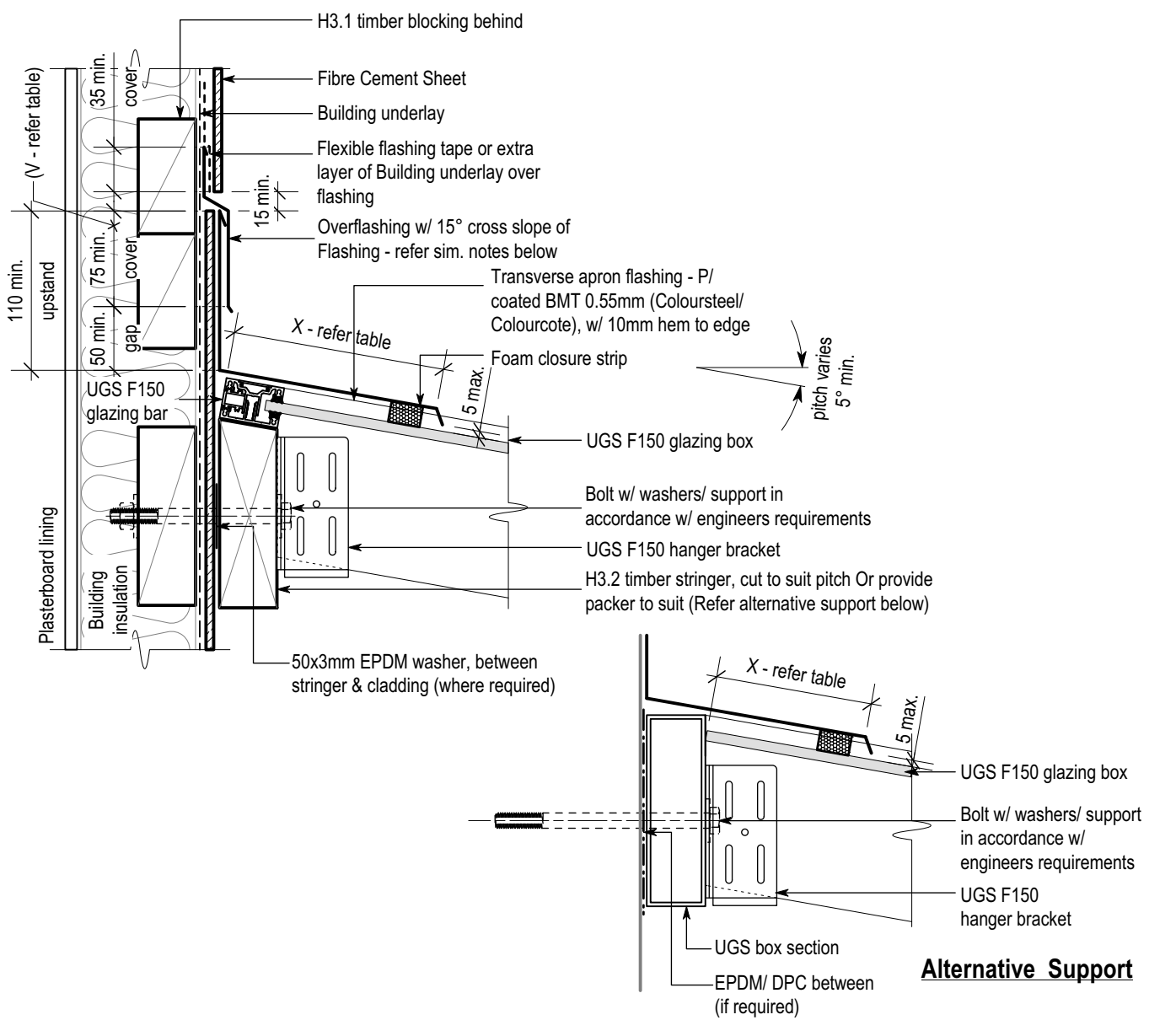


ISSUE	DATE	REVISION
DRAWING NAME:		
Parallel Apron - Fibre Cement Sheet, Direct Fix (F150 G/Bar)		DATE : 14-Dec-22
		SCALE @ A4: 1:5
		DWG: FS-07
REVISION		

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

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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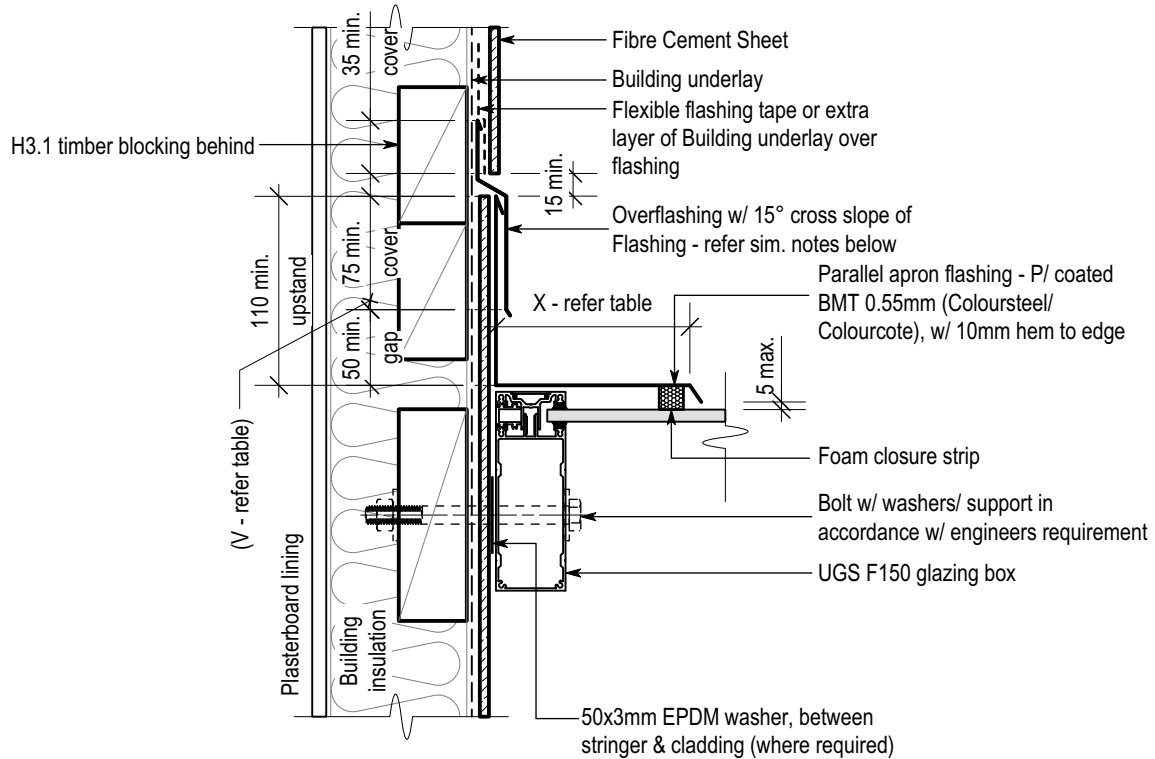
ISSUE	DATE	REVISION
DRAWING NAME:		
Transverse Apron - Fibre Cement Sheet, Direct Fix (F150 G/Box)		
DATE :	14-Dec-22	
SCALE @ A4:	1:5	
DWG:	FS-08	
REVISION		

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.

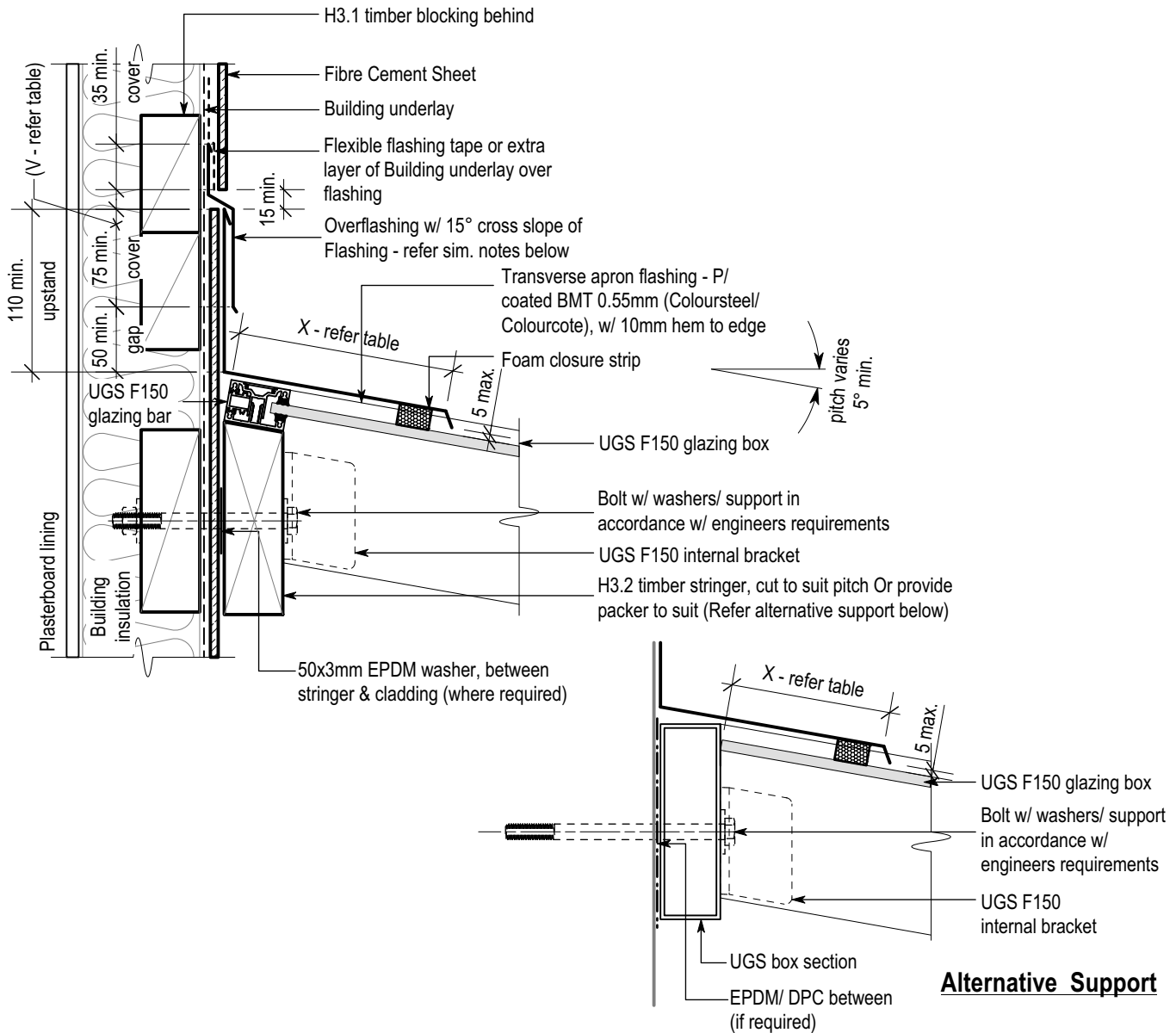


ISSUE	DATE	REVISION
DRAWING NAME:		
Parallel Apron - Fibre Cement Sheet, Direct Fix (F150 G/Box)		DATE : 14-Dec-22
		SCALE @ A4: 1:5
		DWG: FS-09
REVISION		

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.



UNIVERSAL GLAZING SYSTEMS

ROOF DETAILS - EAVES, RIDGE, VALLEY

ISSUED - 26-JAN-23



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GLAZING SYSTEMS

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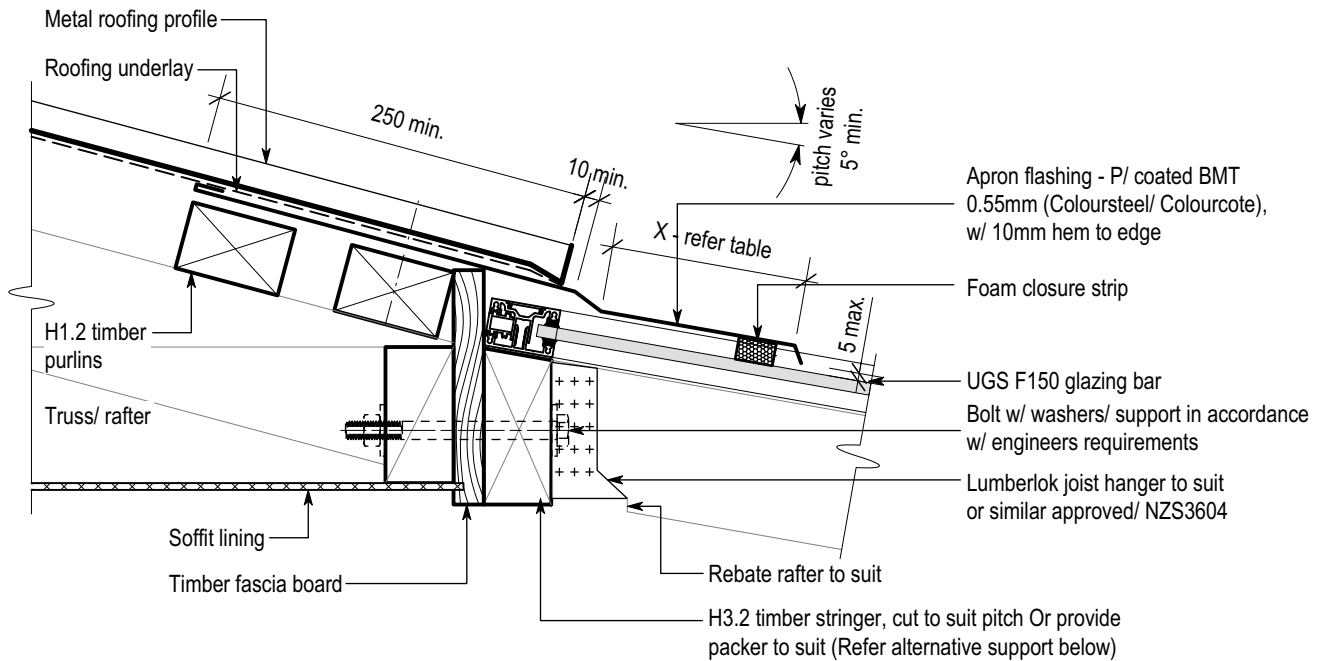
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ISSUE	DATE	REVISION
DRAWING NAME:		
Roof Details - Eaves, Ridge, Valley		DATE : 20-Jan-23
		SCALE @ A4:
		DWG: R0-00
		REVISION

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.

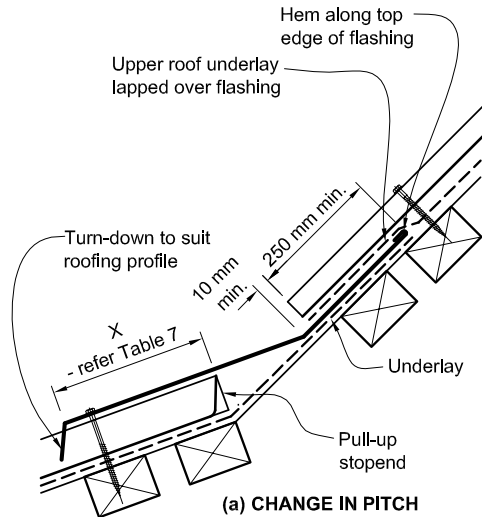
	SITUATION 1	SITUATION 2	SITUATION 3
	1. Low, medium, high wind zones: roof pitch $\geq 10^\circ$	1. Very high wind zones: all roof pitches 2. Low, medium, high wind zones: roof pitch $\leq 10^\circ$	1. Extra high wind zones: all roof pitches
X	MIN. 130mm (Excluding any soft edge or turn-down to roofing)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

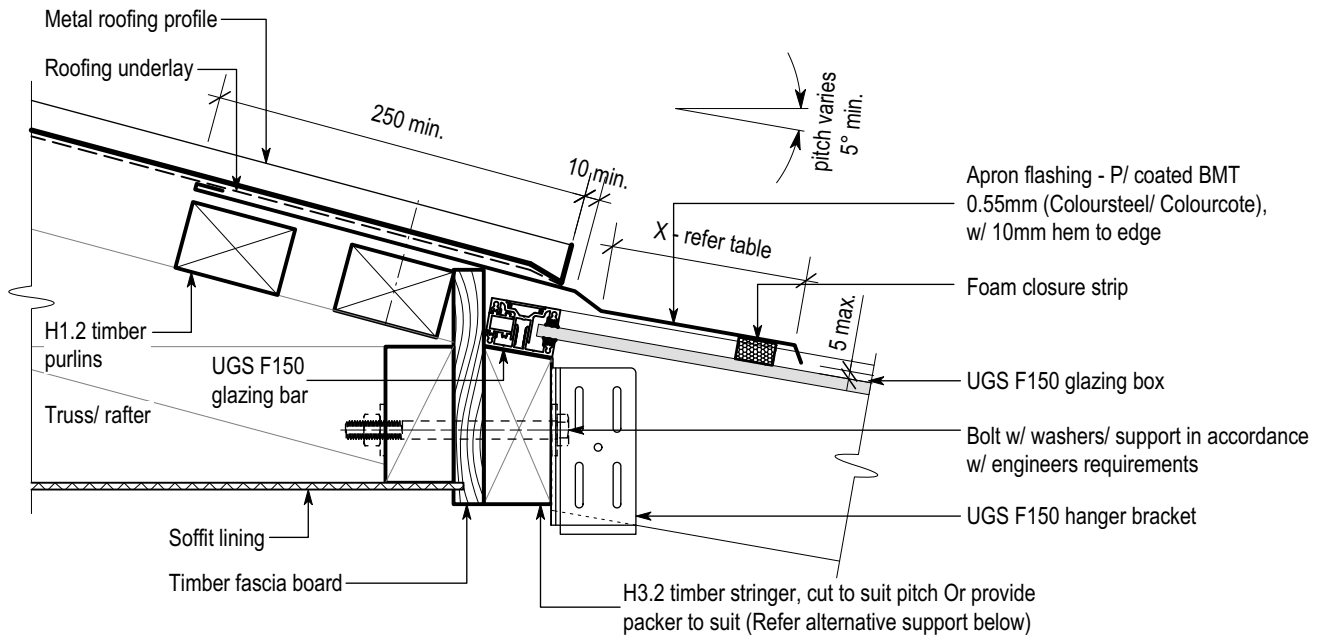


ISSUE	DATE	REVISION
DRAWING NAME: Roof Eaves Detail (F150 G/Bar)		
DATE :	14-Dec-22	
SCALE @ A4:	1:5	
DWG:	RE-01	
REVISION		

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.

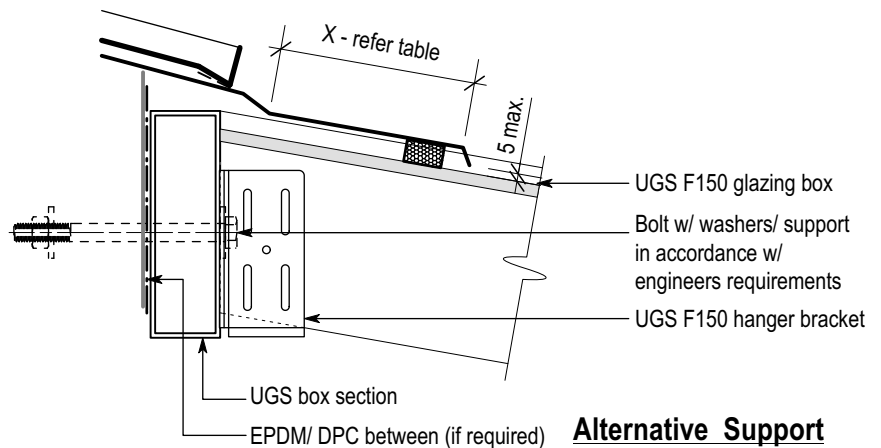
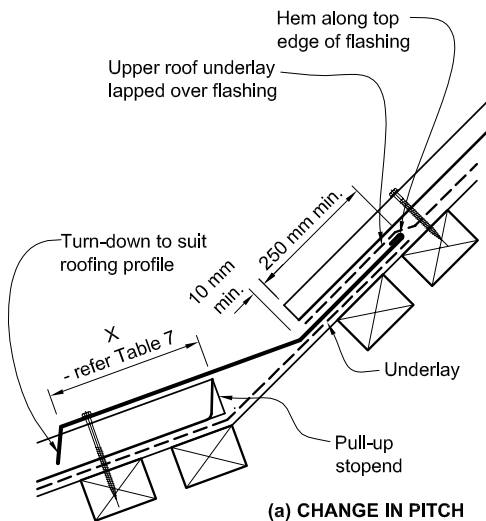
SITUATION 1	SITUATION 2	SITUATION 3
1. Low, medium, high wind zones: roof pitch $\geq 10^\circ$	1. Very high wind zones: all roof pitches 2. Low, medium, high wind zones: roof pitch $\leq 10^\circ$	1. Extra high wind zones: all roof pitches
X MIN. 130mm (Excluding any soft edge or turn-down to roofing)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

- Flashing widths based on NZBC, clause E2/AS1, table 7.
- All flashings to be installed in accordance w/ "New Zealand Metal Roofing Manufacturers Association".
- 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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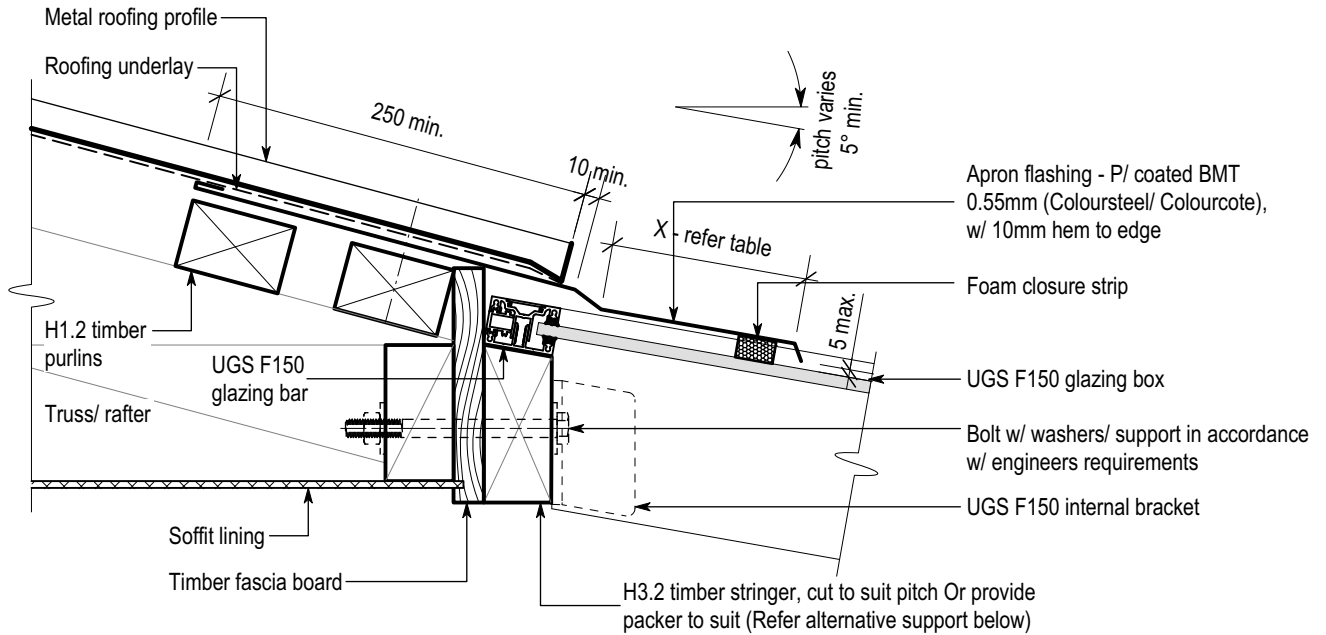
ISSUE	DATE	REVISION
DRAWING NAME:		
Roof Eaves Detail (F150 G/Box) w/ hanger bracket		DATE : 14-Dec-22
		SCALE @ A4: 1:5
		DWG: RE-02
REVISION		

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

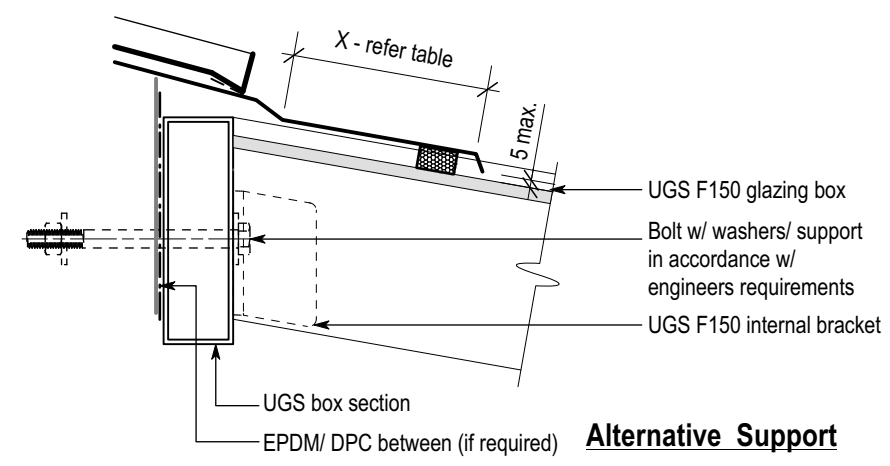
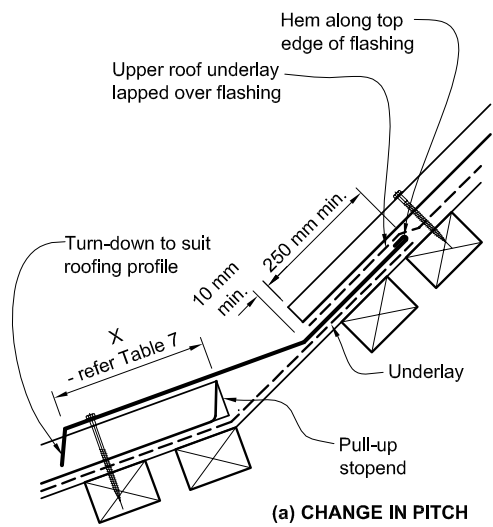
SITUATION 1	SITUATION 2	SITUATION 3
1. Low, medium, high wind zones: roof pitch $\geq 10^\circ$	1. Very high wind zones: all roof pitches 2. Low, medium, high wind zones: roof pitch $\leq 10^\circ$	1. Extra high wind zones: all roof pitches
X MIN. 130mm (Excluding any soft edge or turn-down to roofing)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

- Flashing widths based on NZBC, clause E2/AS1, table 7.
- All flashings to be installed in accordance w/ "New Zealand Metal Roofing Manufacturers Association".
- 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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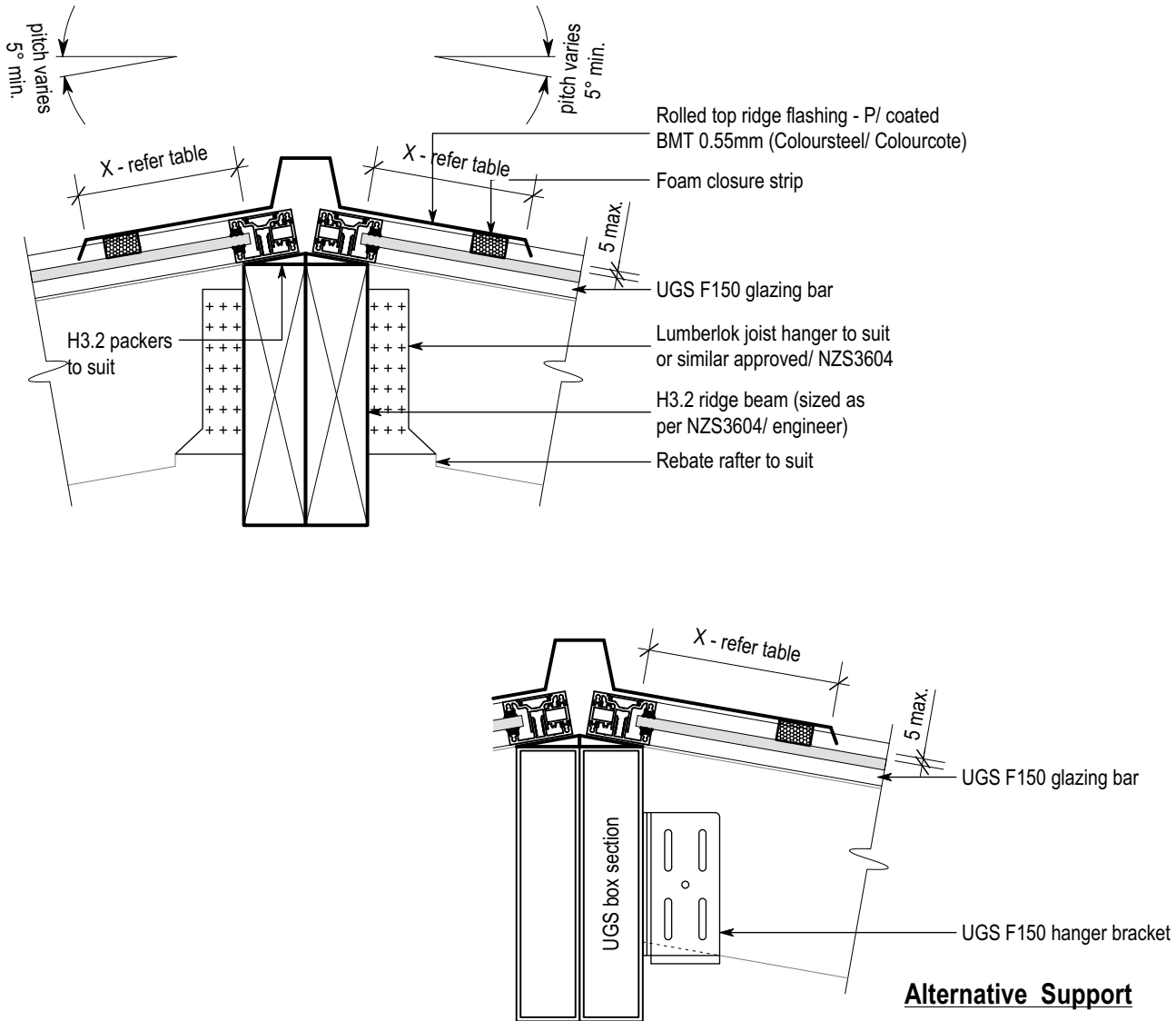
ISSUE	DATE	REVISION
DRAWING NAME:		
Roof Eaves Detail (F150 G/Box) w/ internal bracket		DATE : 12-Dec-22
		SCALE @ A4: 1:5
		DWG: RE-03
REVISION		

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.

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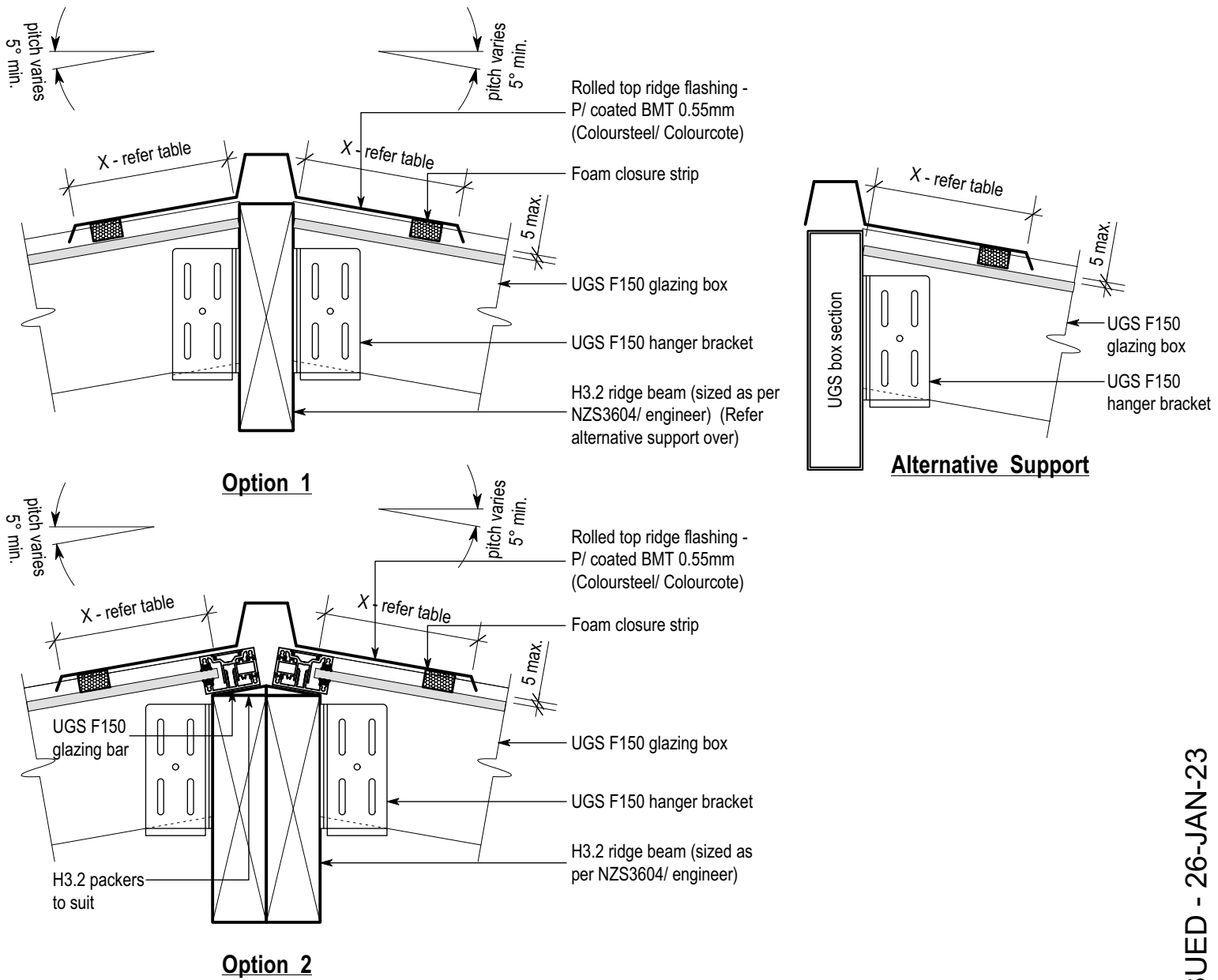
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ISSUE	DATE	REVISION
DRAWING NAME: Roof Ridge Detail - (F150 G/Bar)		
DATE :		14-Dec-22
SCALE @ A4:		1:5
DWG:		RR-01
REVISION		

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.



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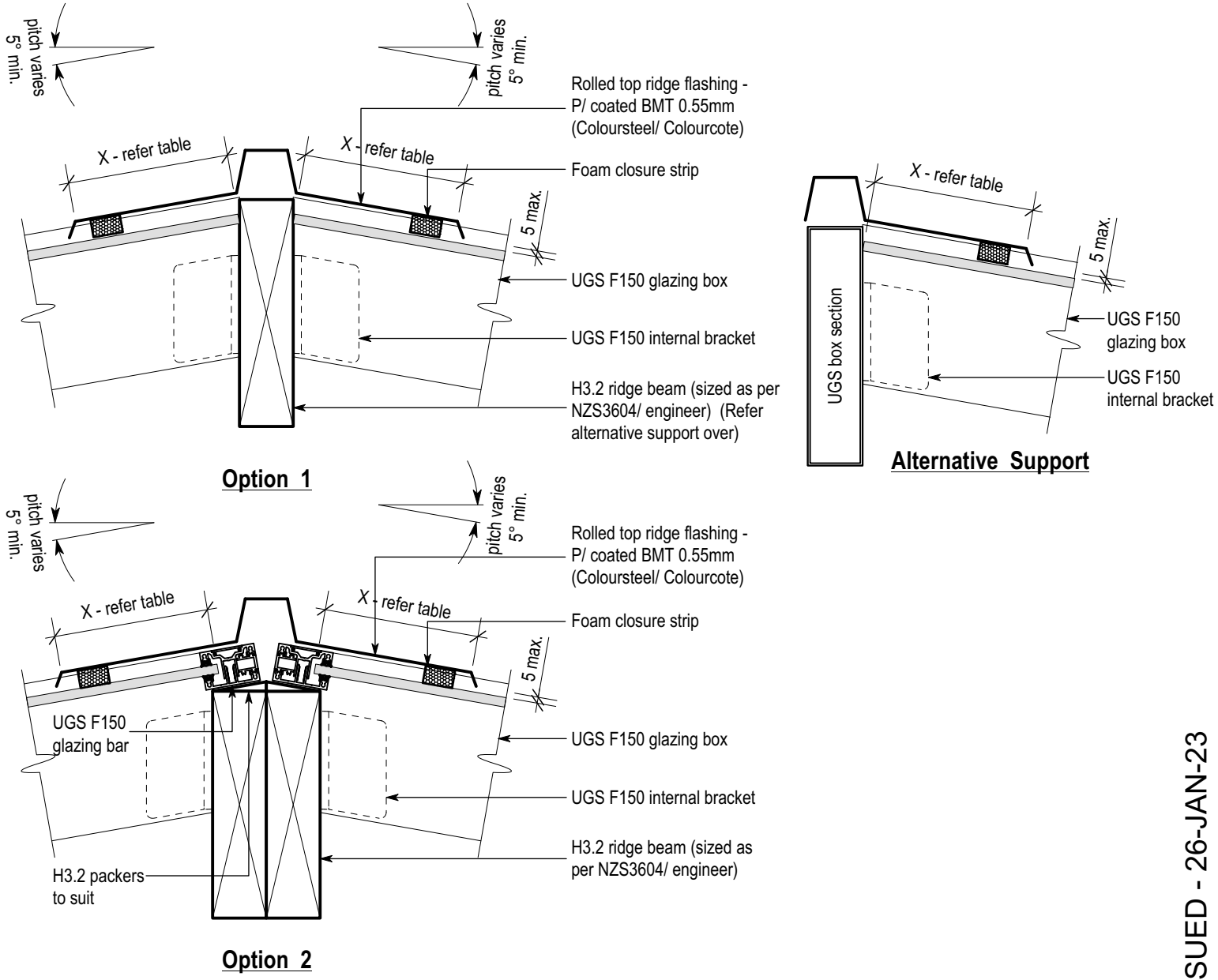
ISSUE	DATE	REVISION
DRAWING NAME:		
Roof Ridge Detail - (F150 G/Box) w/ hanger bracket		DATE : 14-Dec-22
		SCALE @ A4: 1:5
		DWG: RR-02
REVISION		

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.

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.



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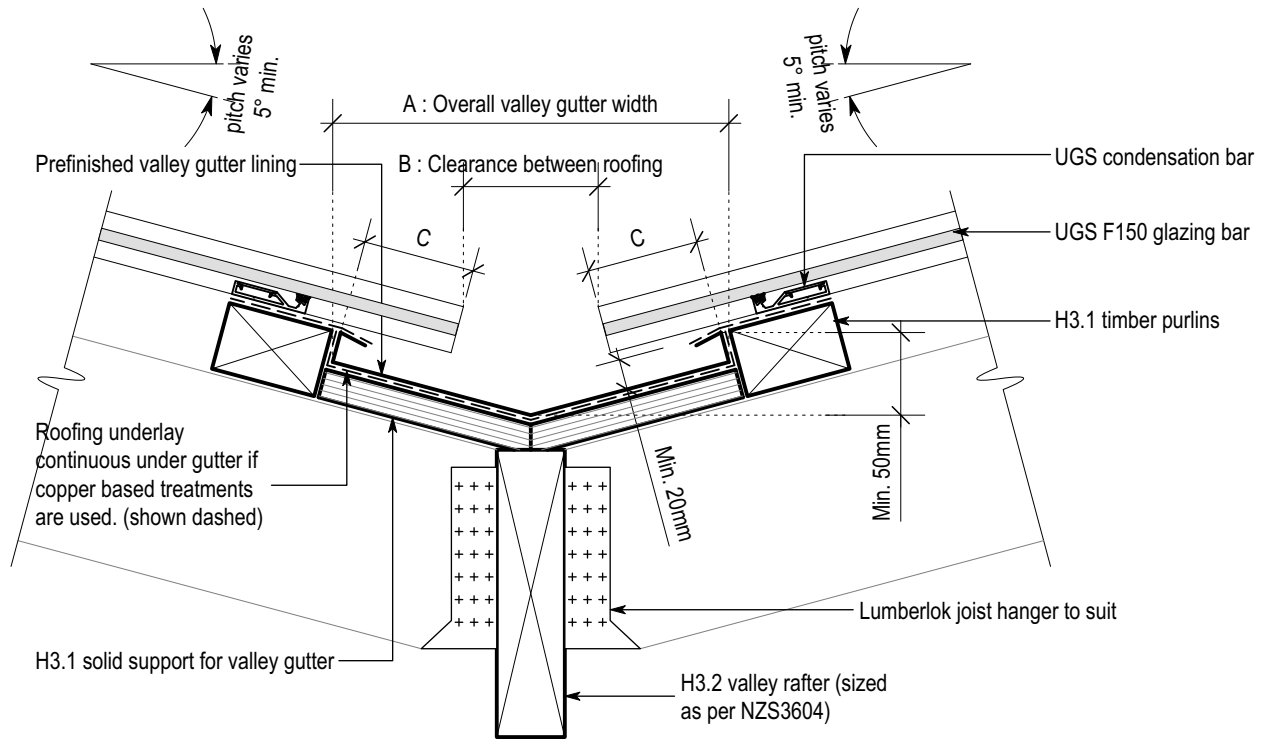
ISSUE	DATE	REVISION
DRAWING NAME:		
Roof Ridge Detail - (F150 G/Box) w/ internal bracket		DATE : 12-Dec-22
		SCALE @ A4: 1:5
		DWG: RR-03
REVISION		

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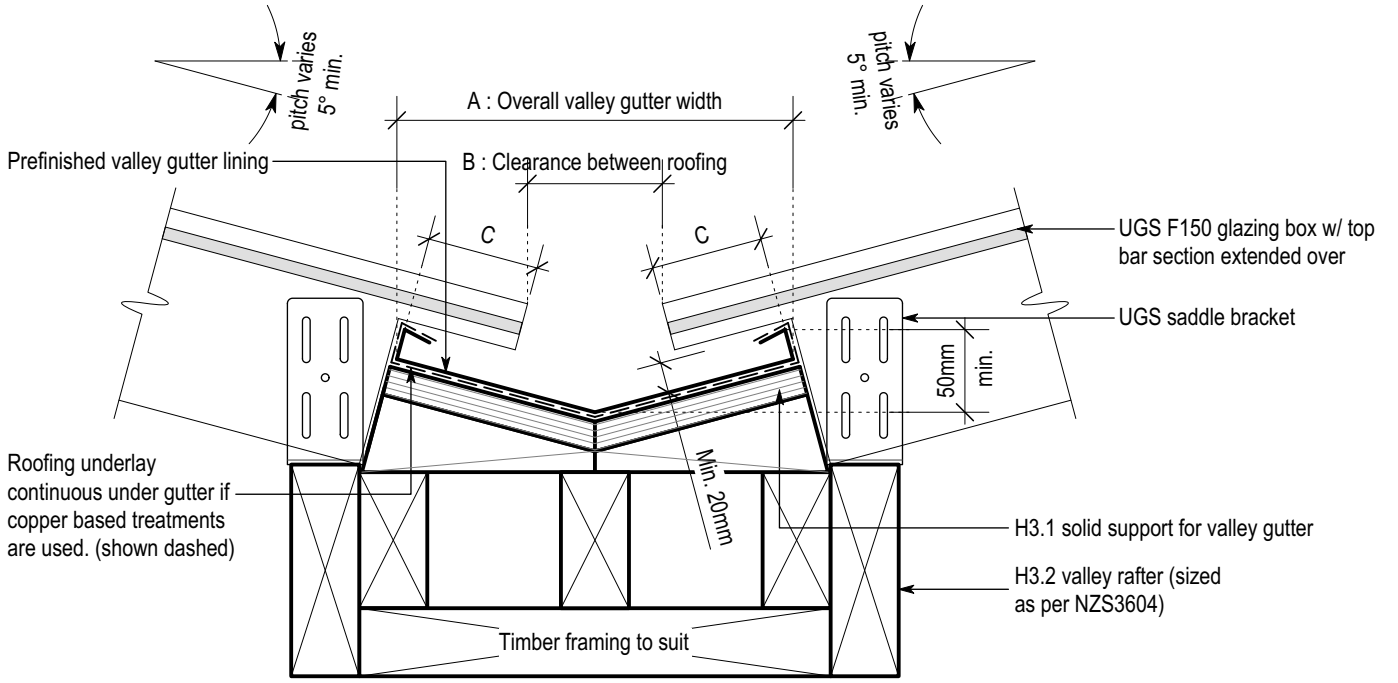
ISSUE	DATE	REVISION
DRAWING NAME: Roof Valley Gutter Detail - (F150 G/Bar)		
DATE :		14-Dec-22
SCALE @ A4:		1:5
DWG:		RV-01
REVISION		

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



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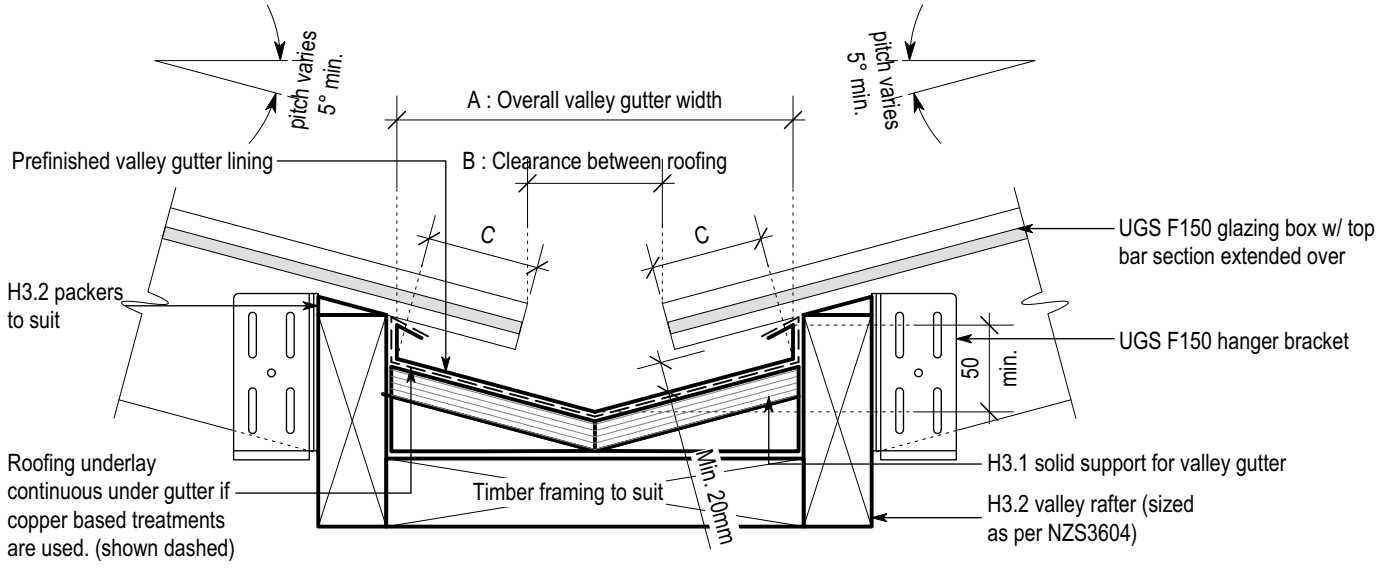
ISSUE	DATE	REVISION
DRAWING NAME:		
Roof Valley Gutter Detail - (F150 G/Box) w/ saddle bracket		DATE : 14-Dec-22
		SCALE @ A4: 1:5
		DWG: RV-02
REVISION		

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.

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 2

ISSUED - 26-JAN-23



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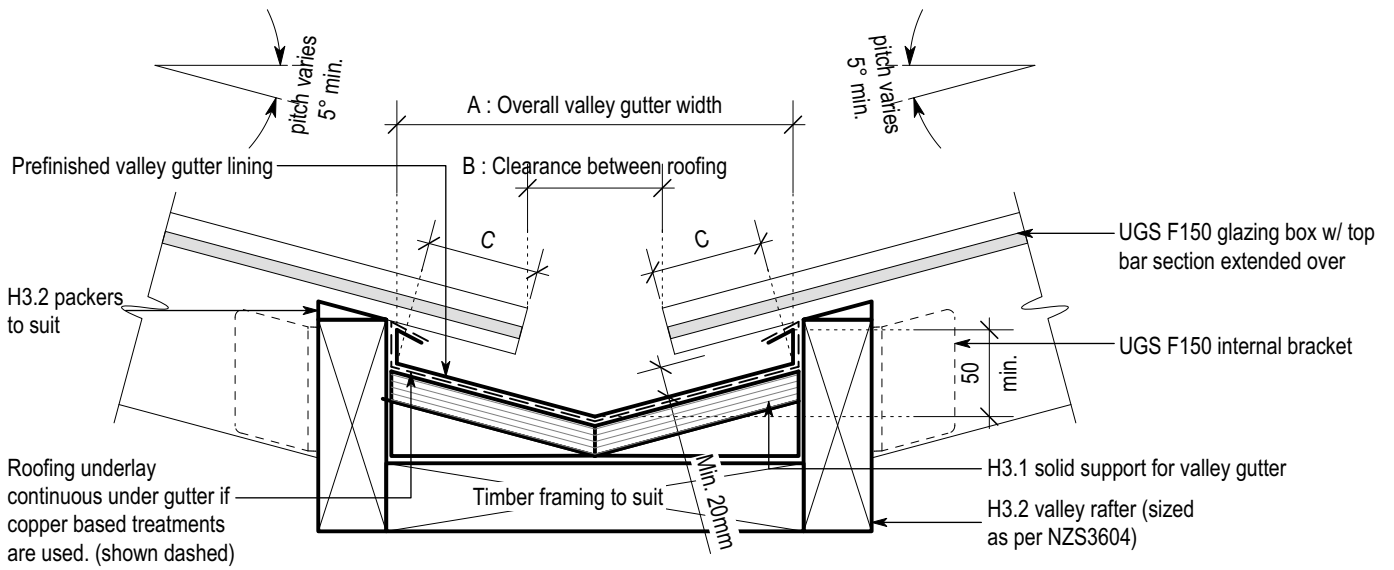
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ISSUE	DATE	REVISION
DRAWING NAME:		
Roof Valley Gutter Detail - (F150 G/Box) w/ hanger bracket		DATE : 14-Dec-22
		SCALE @ A4: 1:5
		DWG: RV-03
REVISION		

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



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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.

ISSUED - 26-JAN-23



UNIVERSAL GLAZING SYSTEMS

BEVEL-BACK WEATHERBOARD DETAILS

ISSUED - 26-JAN-23



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GLAZING SYSTEMS

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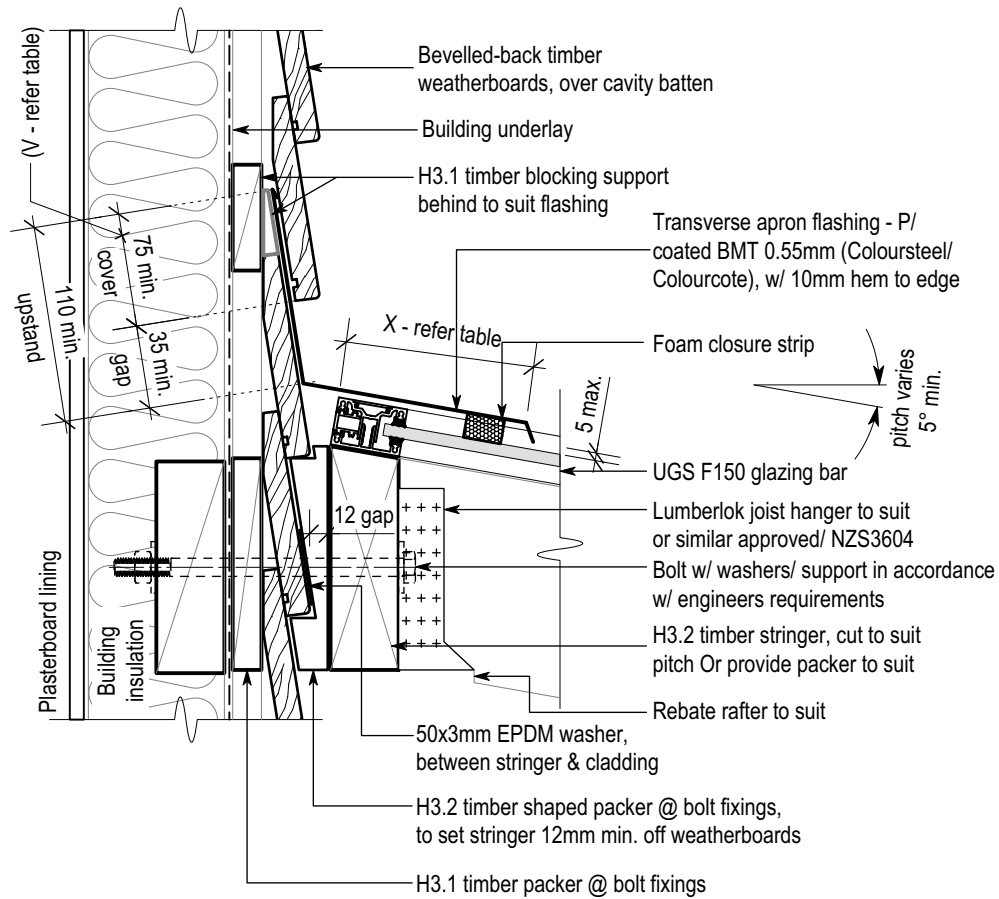
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ISSUE	DATE	REVISION
DRAWING NAME:		
Bevel-Back Weatherboard Details		DATE : 20-Jan-23
		SCALE @ A4:
		DWG: WB-00
		REVISION

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.



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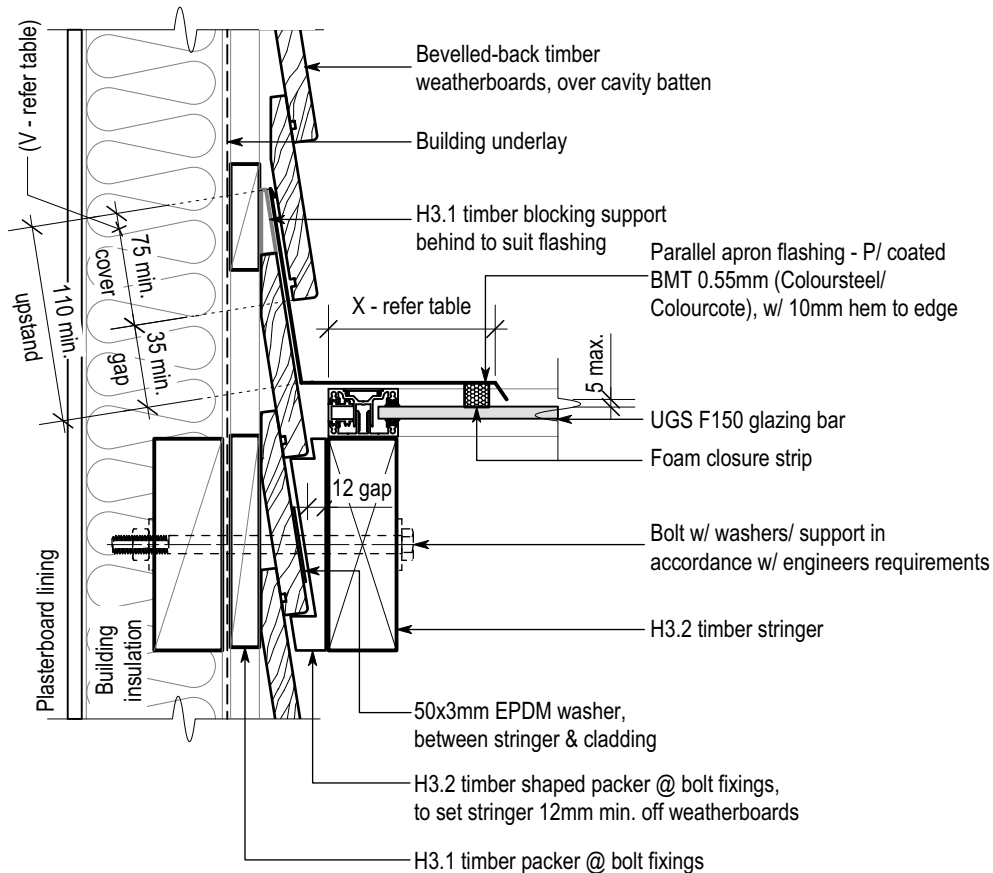
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ISSUE	DATE	REVISION
DRAWING NAME:		
Transverse Apron - BB Weatherbds, Cavity (F150 G/Bar) Retro		DATE : 26-Jan-23
		SCALE @ A4: 1:5
		DWG: WBC-01
REVISION		

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.			



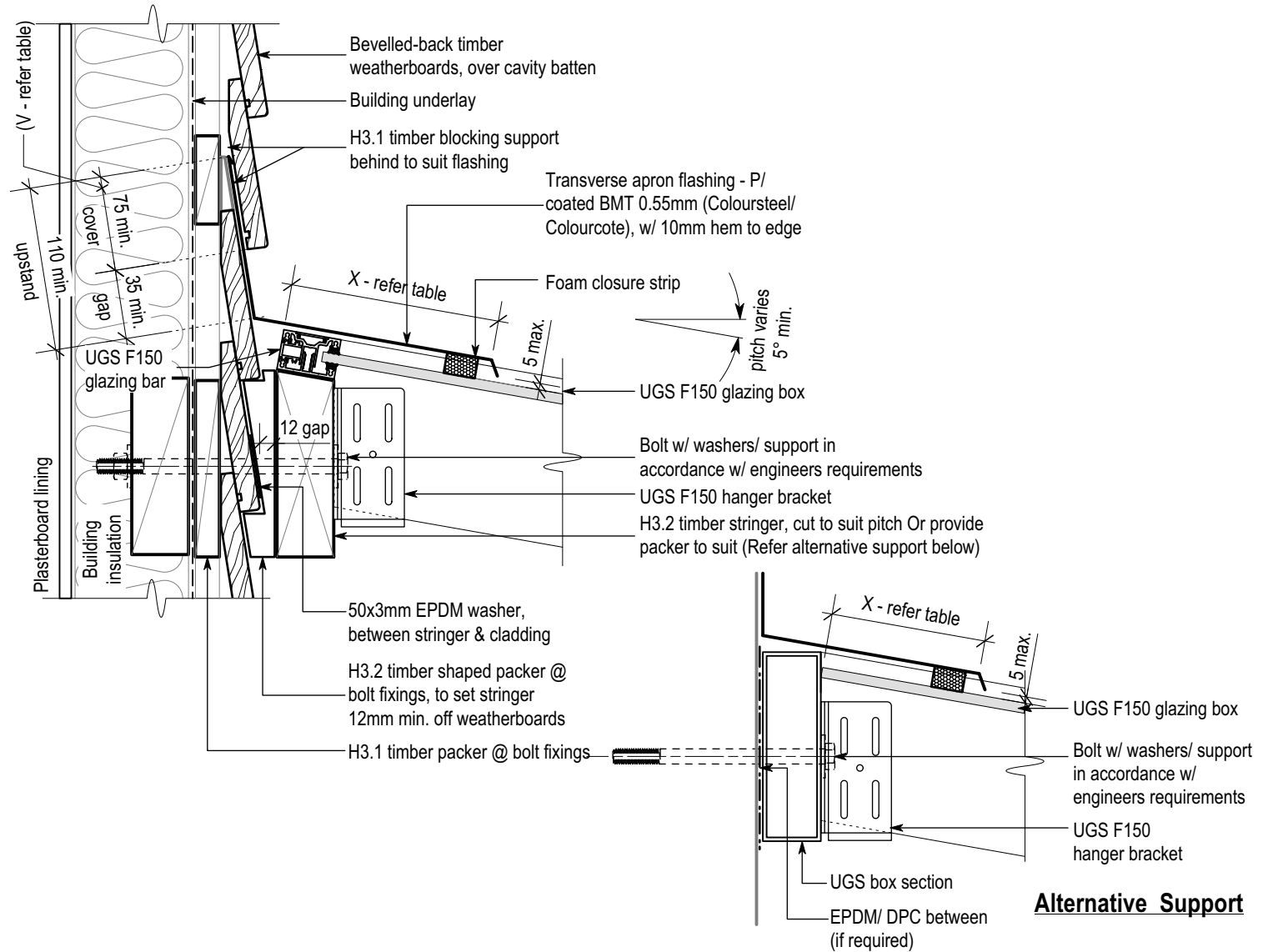
ISSUED - 26-JAN-23

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.



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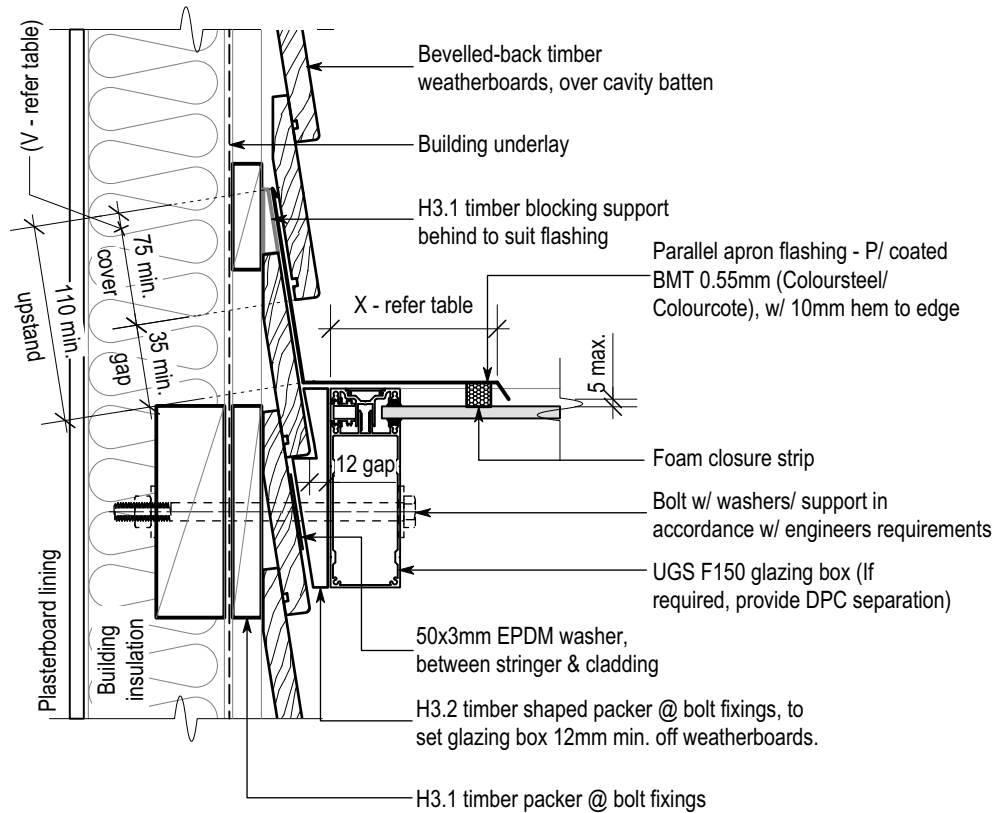
ISSUE	DATE	REVISION

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.			



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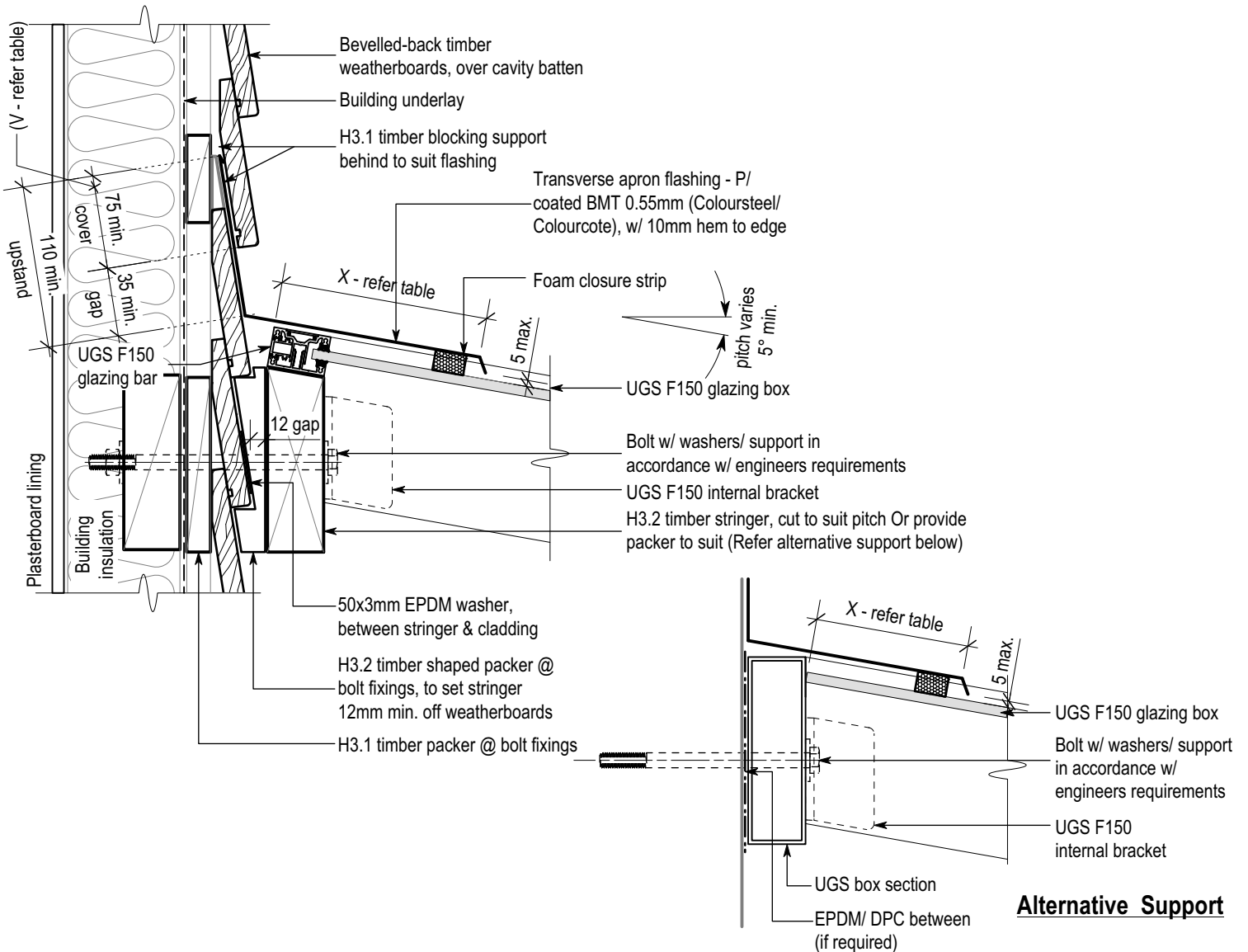
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ISSUE	DATE	REVISION
DRAWING NAME:		
Parallel Apron - BB Weatherbds, Cavity (F150 G/Box) Retro		DATE: 26-Jan-23
		SCALE @ A4: 1:5
		DWG: WBC-04
REVISION		

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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ISSUE	DATE	REVISION
DRAWING NAME:		

Transverse Apron - BB Weatherbds, Cavity (F150 G/Box) Retro

DATE: 26-Jan-23

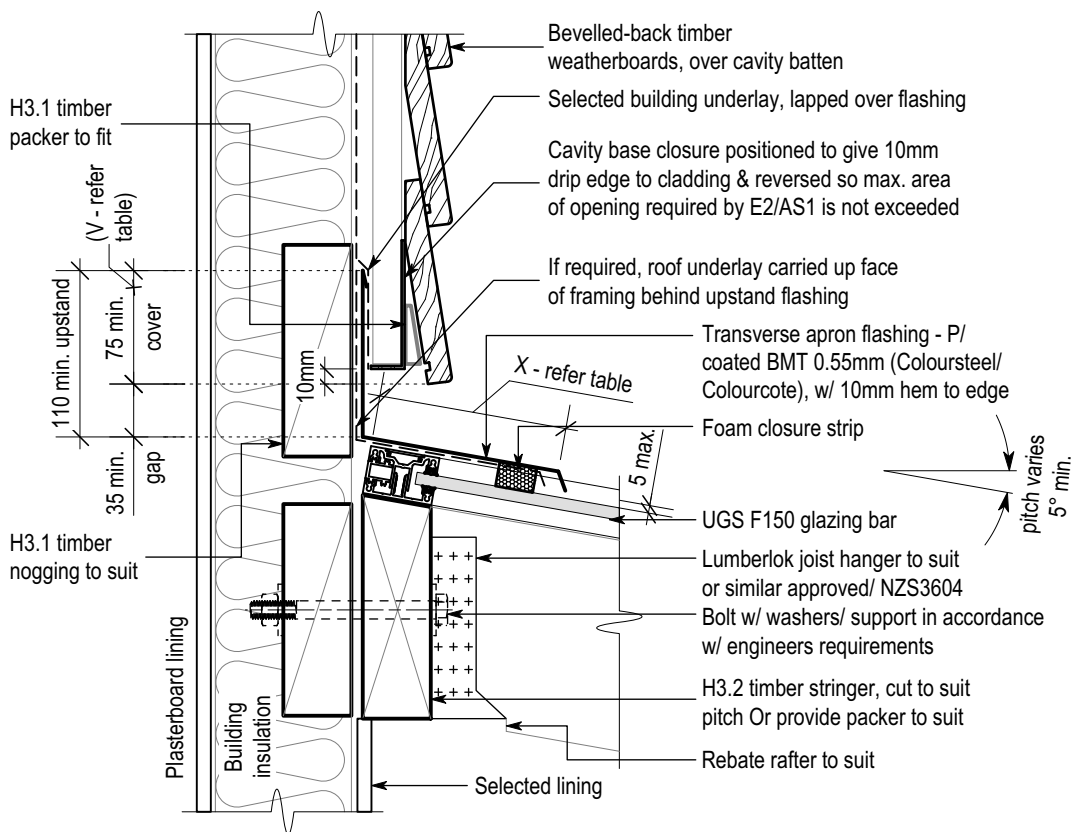
SCALE @ A4: 1:5

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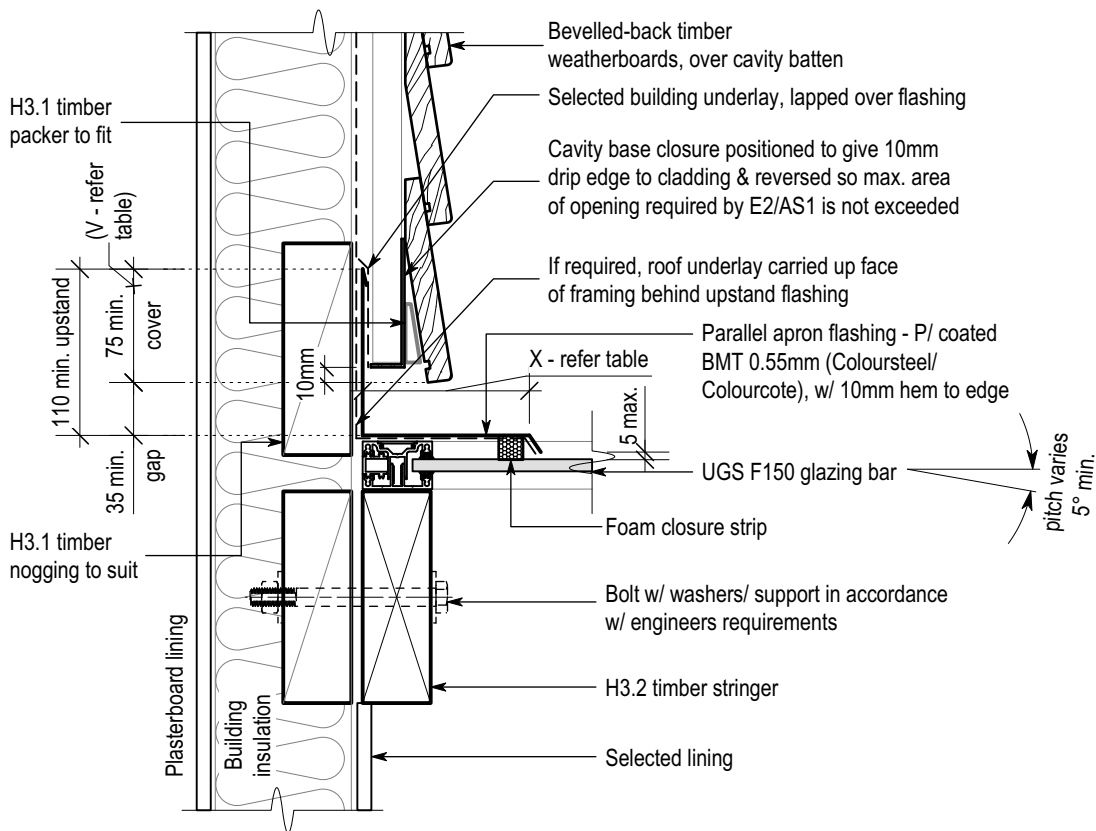
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ISSUE	DATE	REVISION
DRAWING NAME:		
Transverse Apron - BB Weatherbds, Cavity (F150 G/Bar) New		DATE : 26-Jan-23
		SCALE @ A4: 1:5
		DWG: WBC-06
REVISION		

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.			

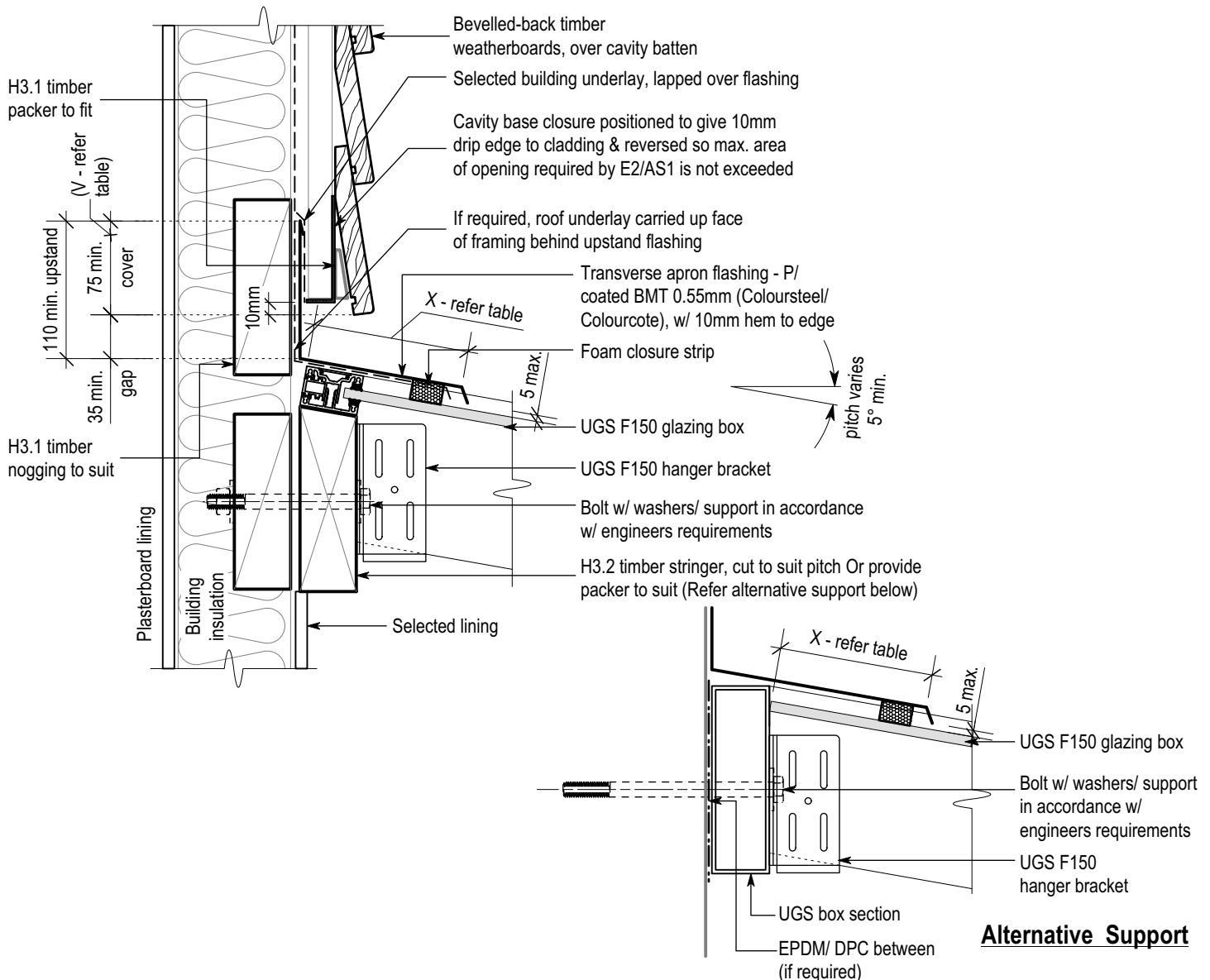


ISSUE	DATE	REVISION
DRAWING NAME:		
Parallel Apron - BB Weatherbds, Cavity (F150 G/Bar) New		DATE : 26-Jan-23
		SCALE @ A4: 1:5
		DWG: WBC-07
REVISION		

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.

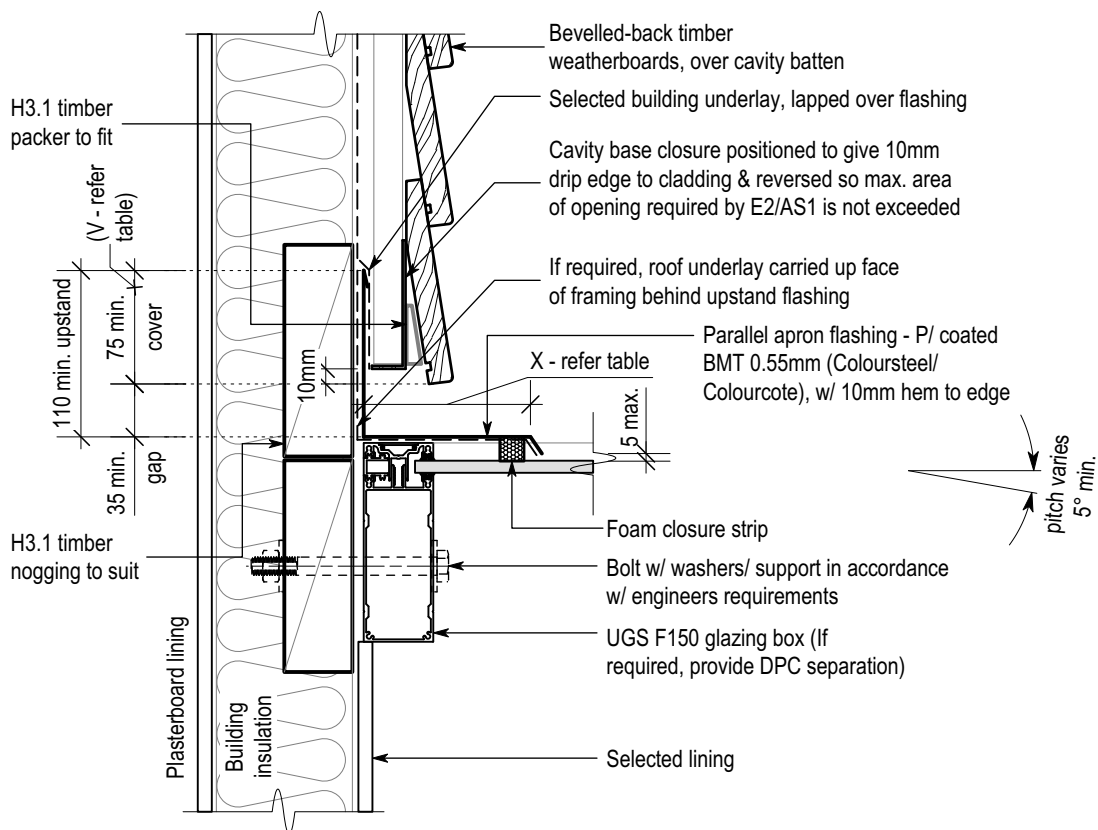


ISSUE	DATE	REVISION
DRAWING NAME:		
Transverse Apron - BB Weatherbds, Cavity (F150 G/Box) New		
DATE :	26-Jan-23	
SCALE @ A4:	1:5	
DWG:	WBC-08	
REVISION		

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.

	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.

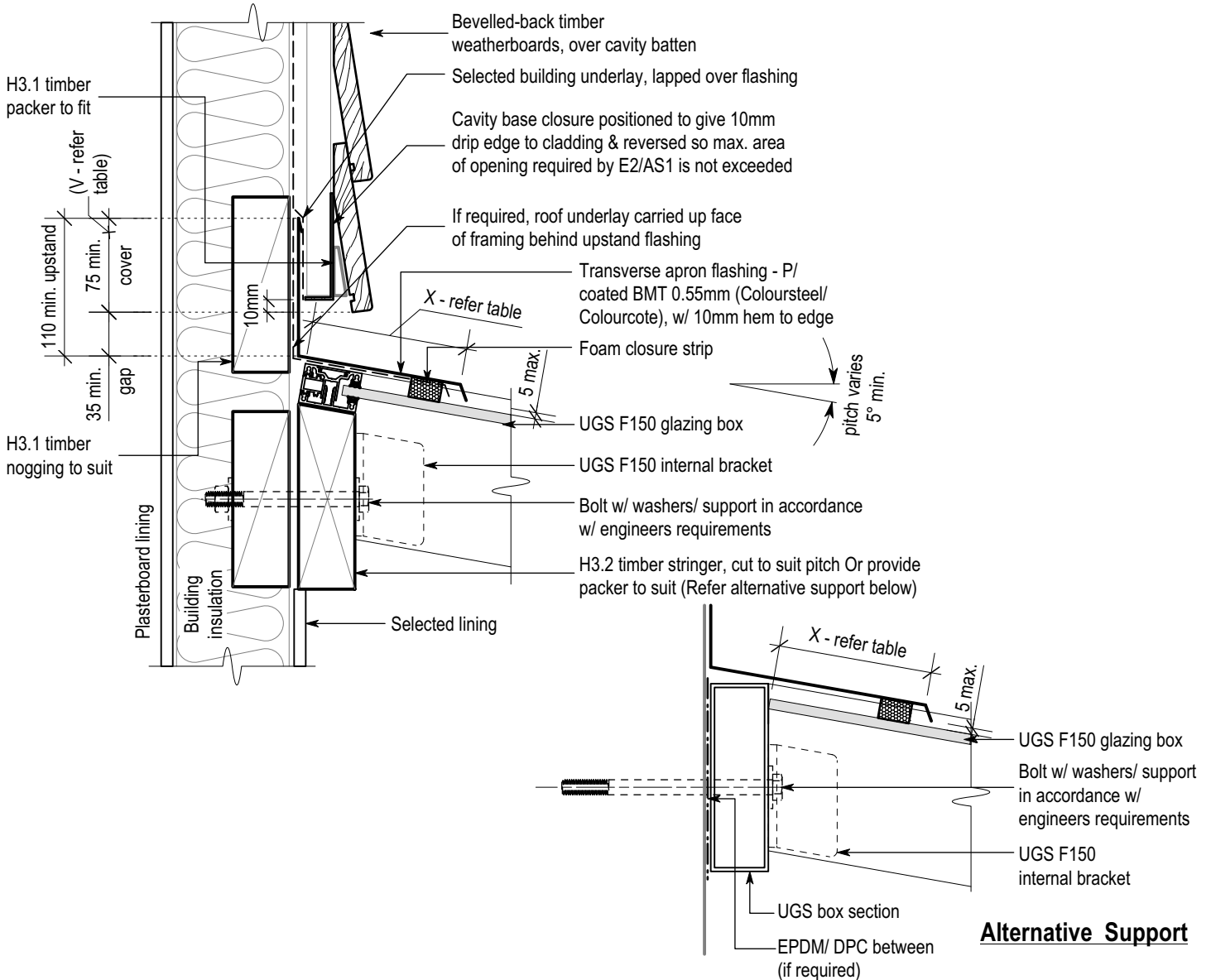


ISSUE	DATE	REVISION
DRAWING NAME:		
Parallel Apron - BB Weatherbds, Cavity (F150 G/Box) New		
DATE :	26-Jan-23	
SCALE @ A4:	1:5	
DWG:	WBC-09	
REVISION		

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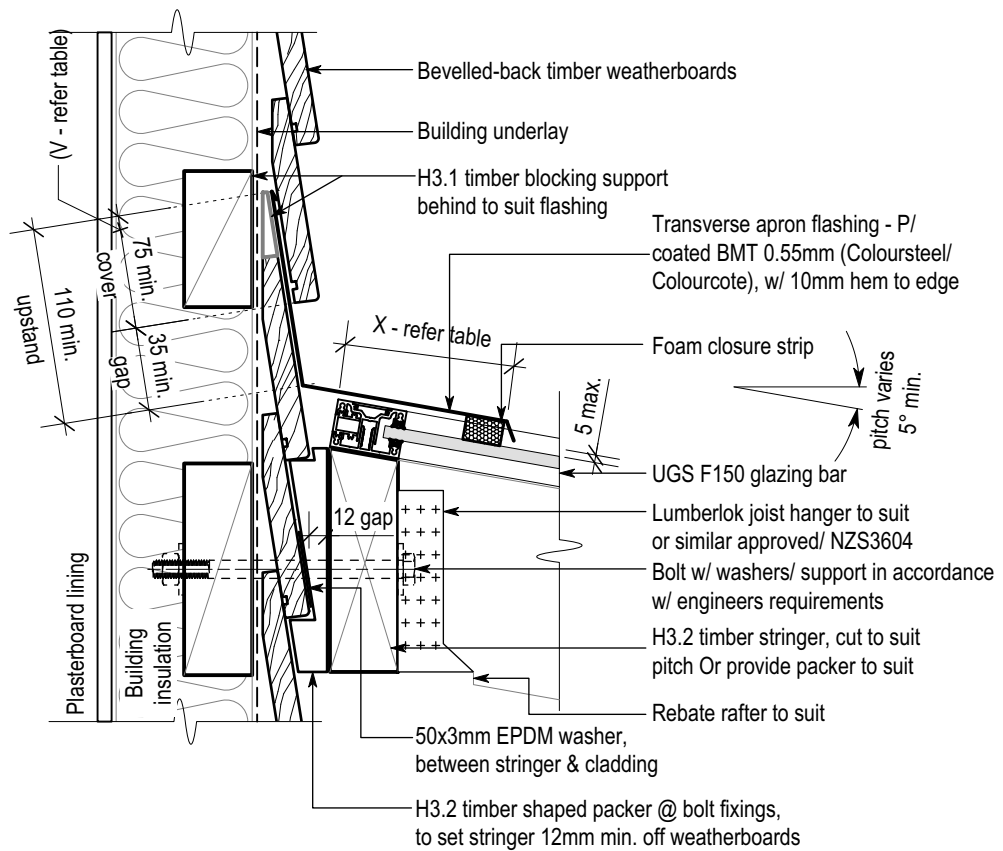
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ISSUE	DATE	REVISION
DRAWING NAME:		
Transverse Apron - BB Weatherbds, Cavity (F150 G/Box) New		
DATE :	26-Jan-23	
SCALE @ A4:	1:5	
DWG:	WBC-10	
REVISION		

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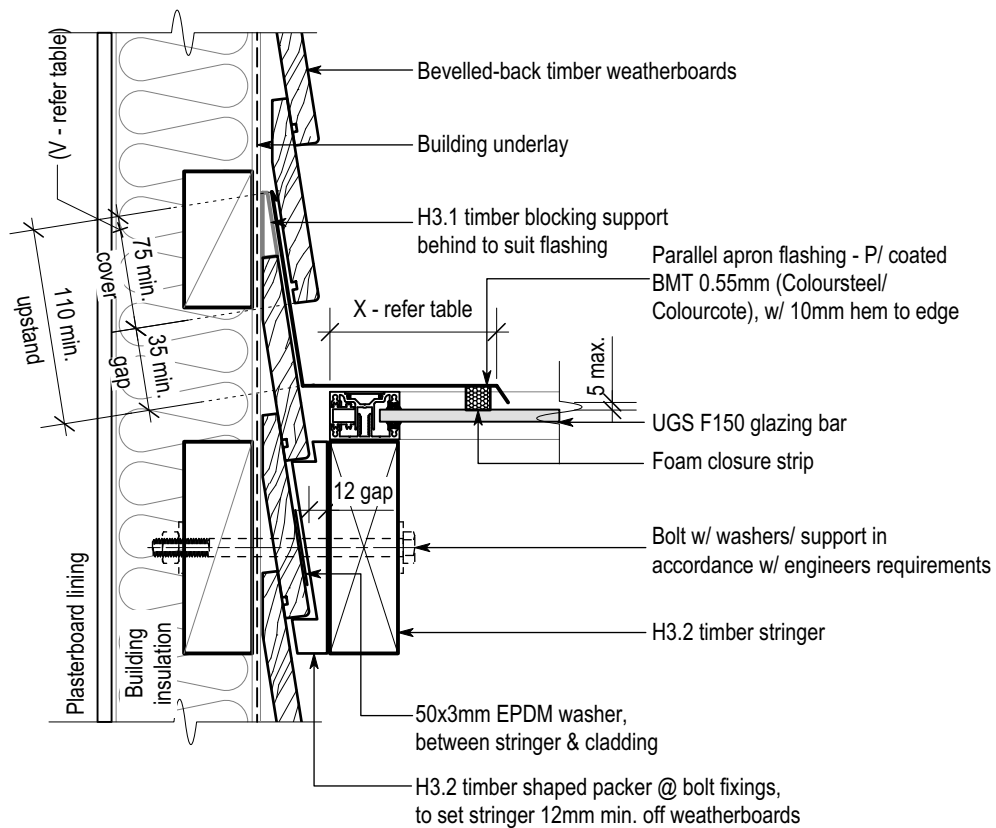
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ISSUE	DATE	REVISION
DRAWING NAME:		
Transverse Apron - BB Weatherbds, Direct Fix (F150 G/Bar) Retro		DATE : 26-Jan-23
		SCALE @ A4: 1:5
		DWG: WBD-01
REVISION		

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.

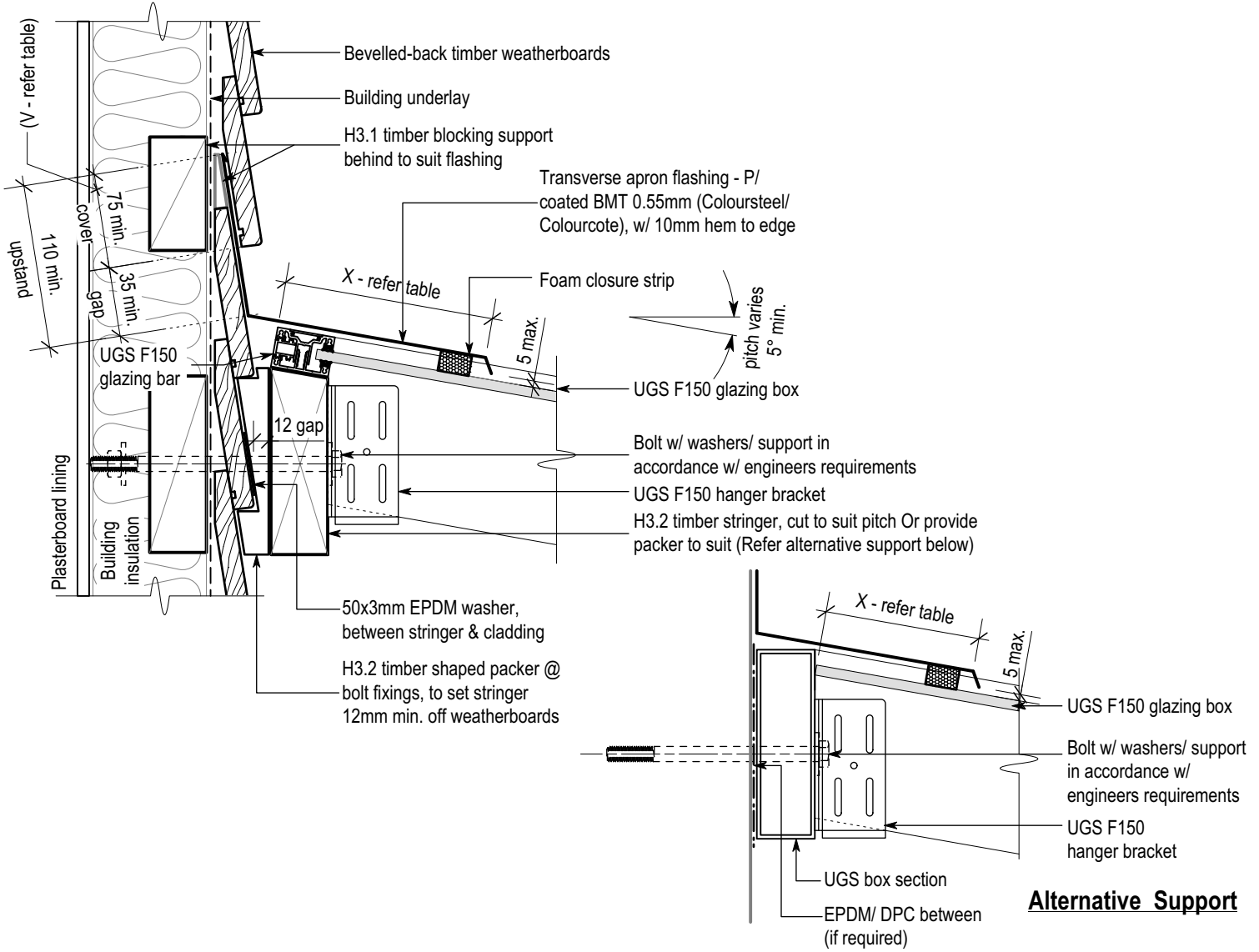


ISSUE	DATE	REVISION
DRAWING NAME:		
Parallel Apron - BB Weatherbds, Direct Fix (F150 G/Bar) Retro		DATE : 26-Jan-23
		SCALE @ A4: 1:5
		DWG: WBD-02
REVISION		

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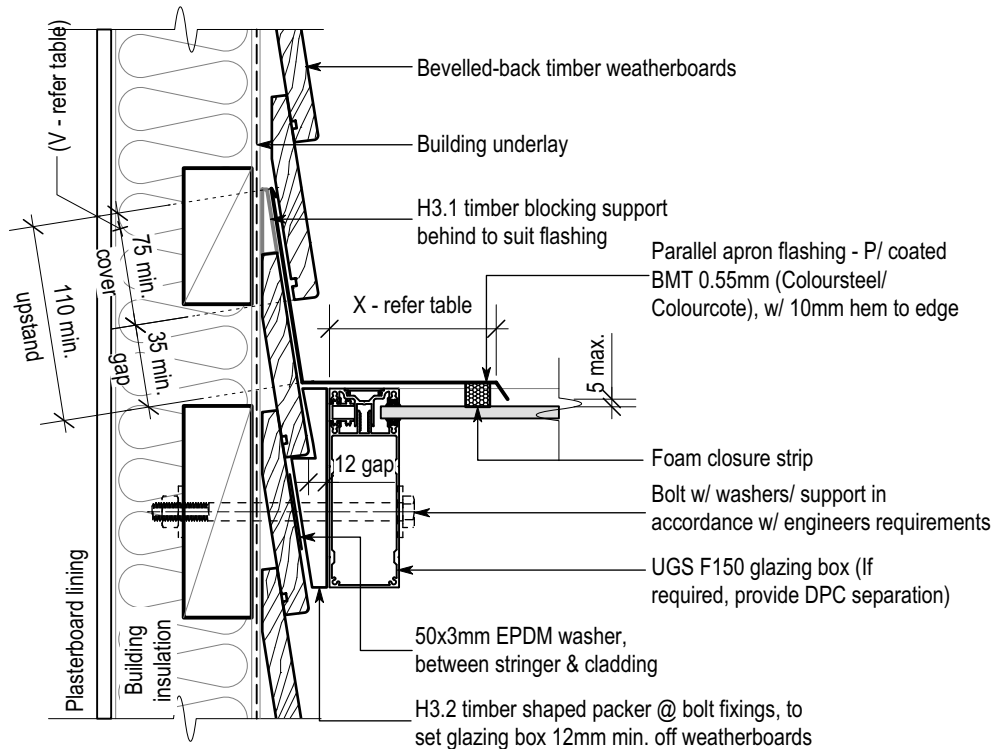
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ISSUE	DATE	REVISION
DRAWING NAME:		
Transverse Apron - BB Weatherbds, Direct Fix (F150 G/Box) Retro		
DATE :	26-Jan-23	
SCALE @ A4:	1:5	
DWG:	WBD-03	
REVISION		

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.

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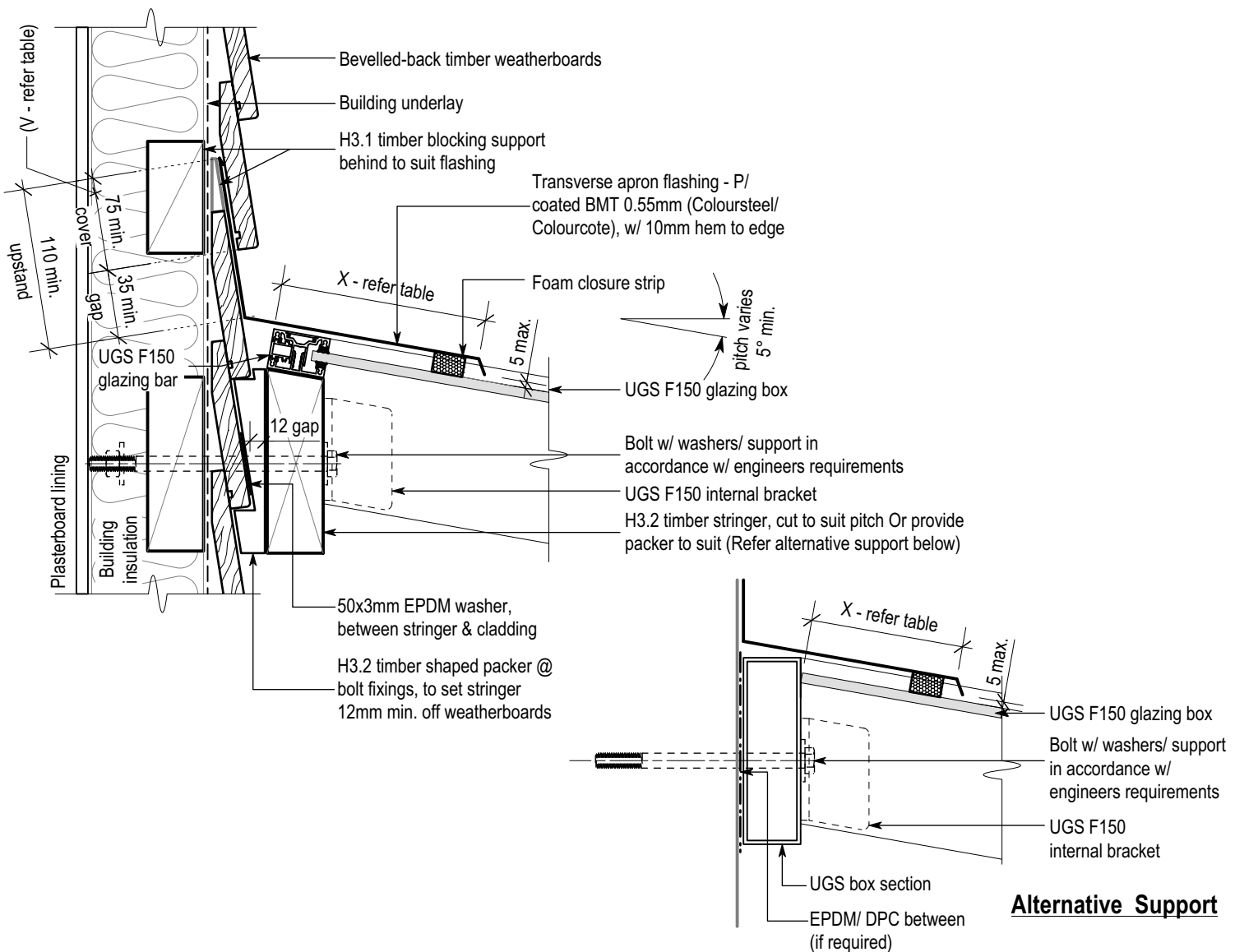
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ISSUE	DATE	REVISION
DRAWING NAME:		
Parallel Apron - BB Weatherbds, Direct Fix (F150 G/Box) Retro		DATE : 26-Jan-23
		SCALE @ A4: 1:5
		DWG: WBD-04
REVISION		

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

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



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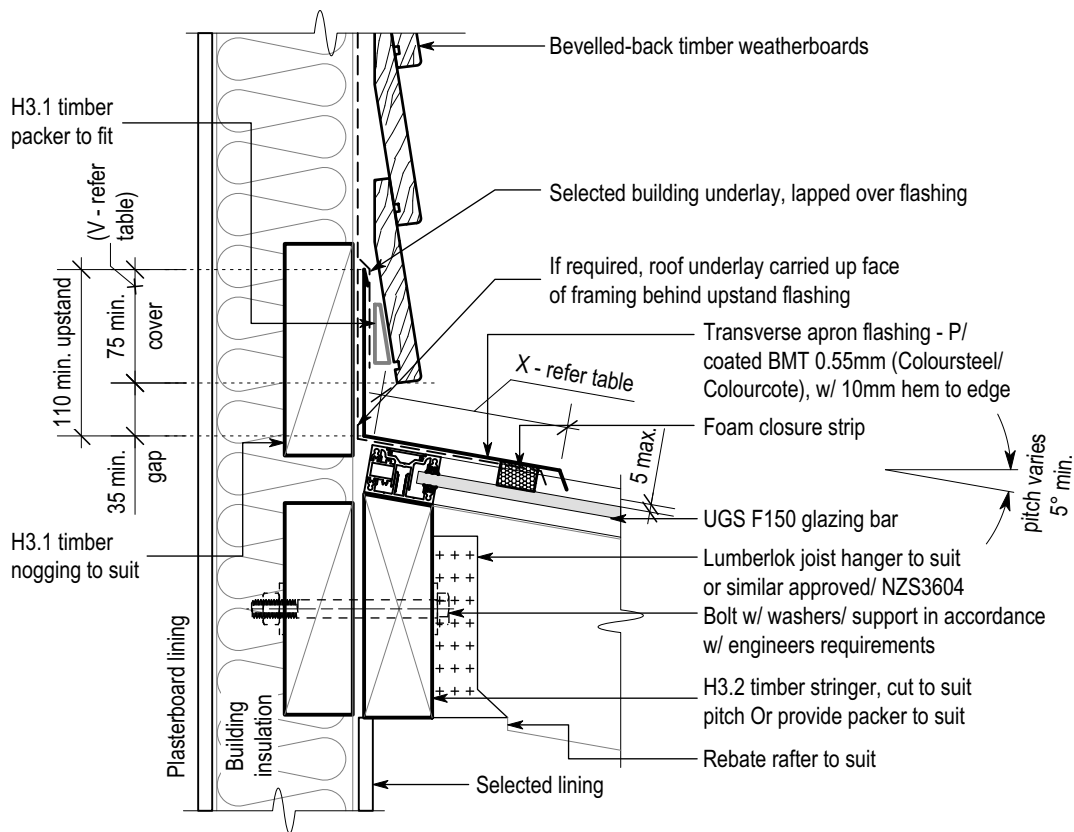
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ISSUE	DATE	REVISION
DRAWING NAME:		
Transverse Apron - BB Weatherbds, Direct Fix (F150 G/Box) Retro		
DATE :	26-Jan-23	
SCALE @ A4:	1:5	
DWG:	WBD-05	
REVISION		

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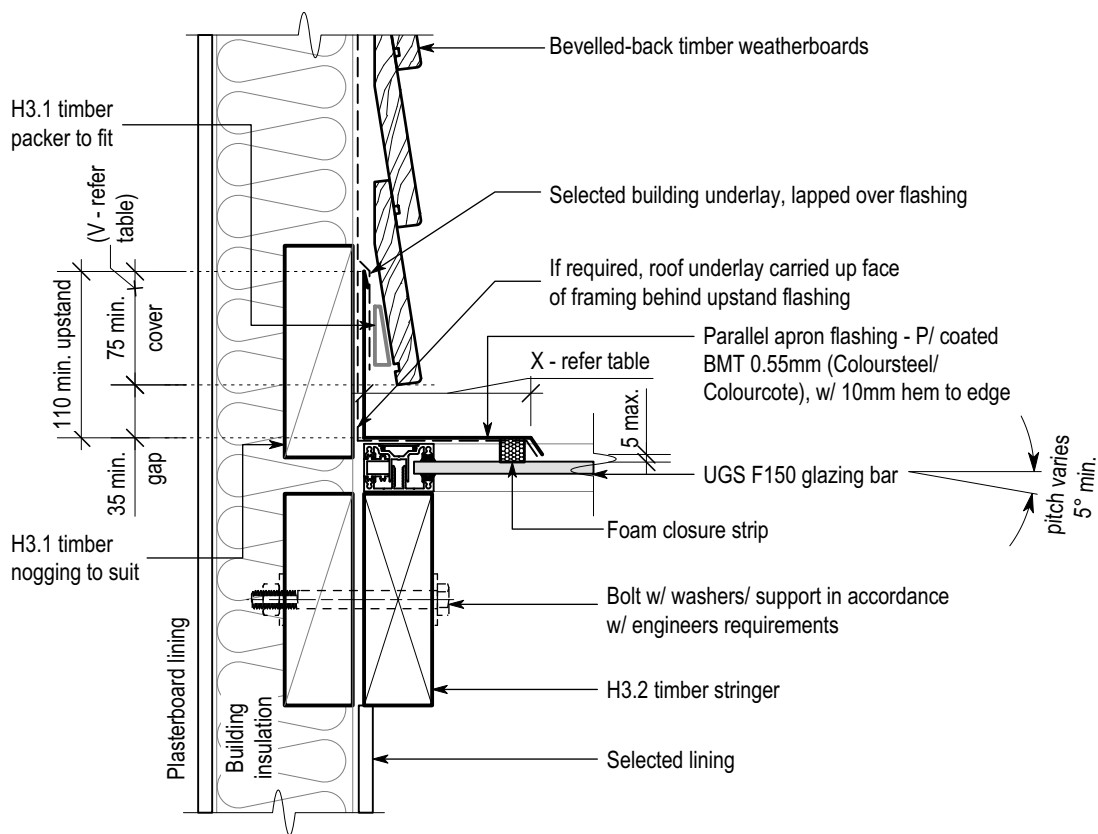
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ISSUE	DATE	REVISION
DRAWING NAME:		
Transverse Apron - BB Weatherbds, Direct Fix (F150 G/Bar) New		DATE : 26-Jan-23
		SCALE @ A4: 1:5
		DWG: WBD-06
REVISION		

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

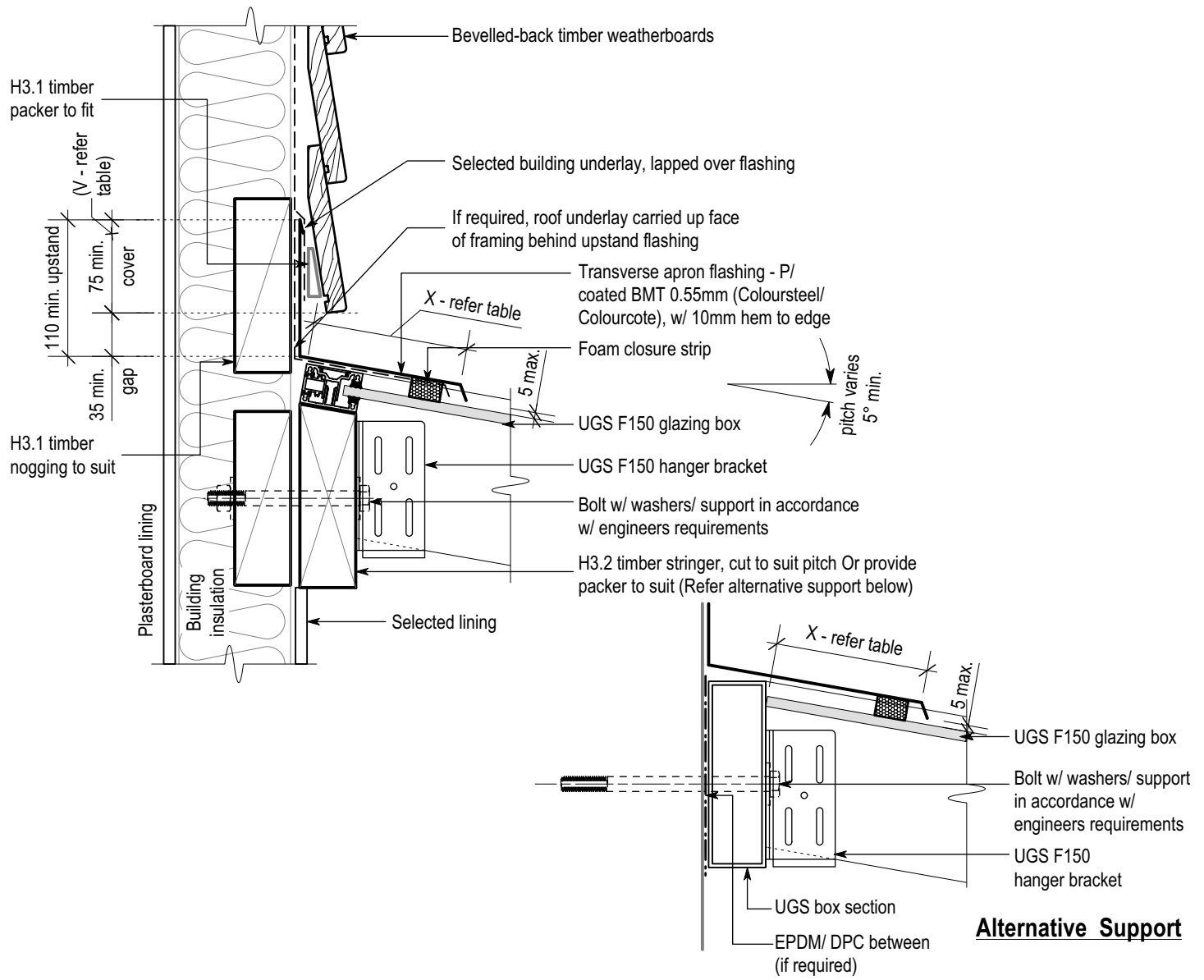


ISSUE	DATE	REVISION
DRAWING NAME:		
Parallel Apron - BB Weatherbds, Direct Fix (F150 G/Bar) New		
DATE :	26-Jan-23	
SCALE @ A4:	1:5	
DWG:	WBD-07	
REVISION		

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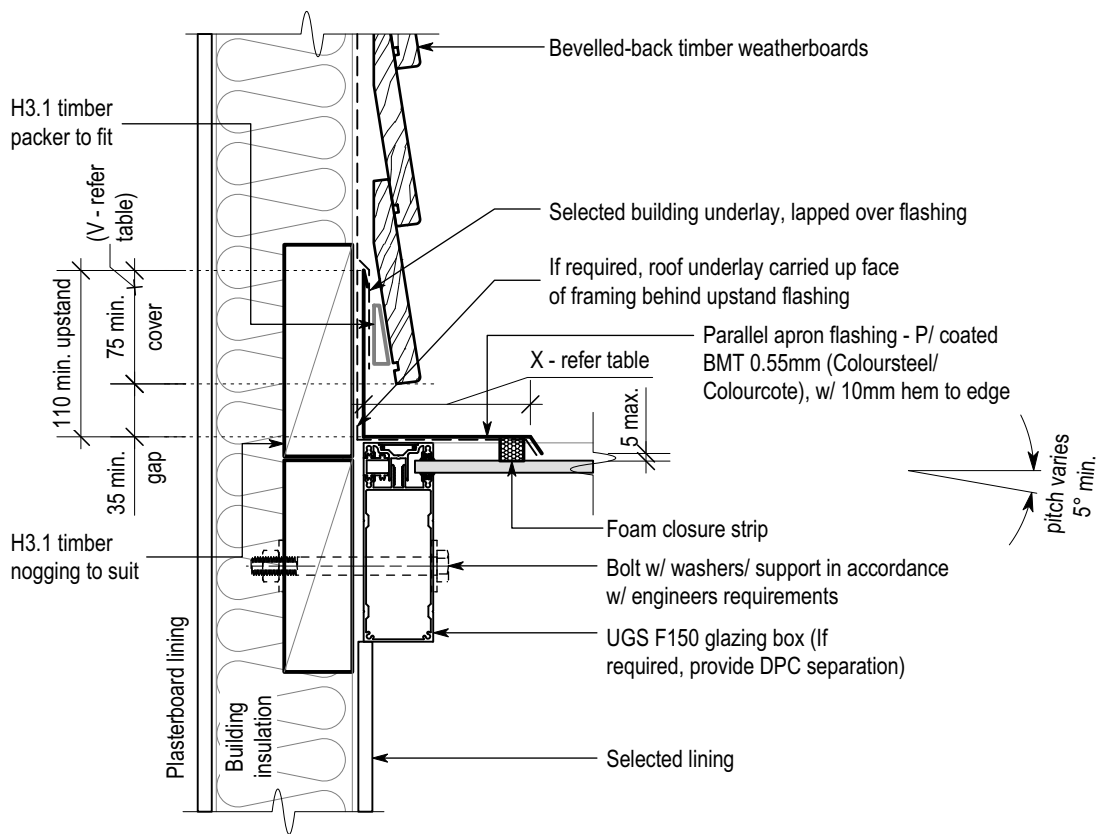
ISSUE	DATE	REVISION
DRAWING NAME:		
Transverse Apron - BB Weatherbds, Direct Fix (F150 G/Box) New		
DATE :	26-Jan-23	
SCALE @ A4:	1:5	
DWG:	WBD-08	
REVISION		

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

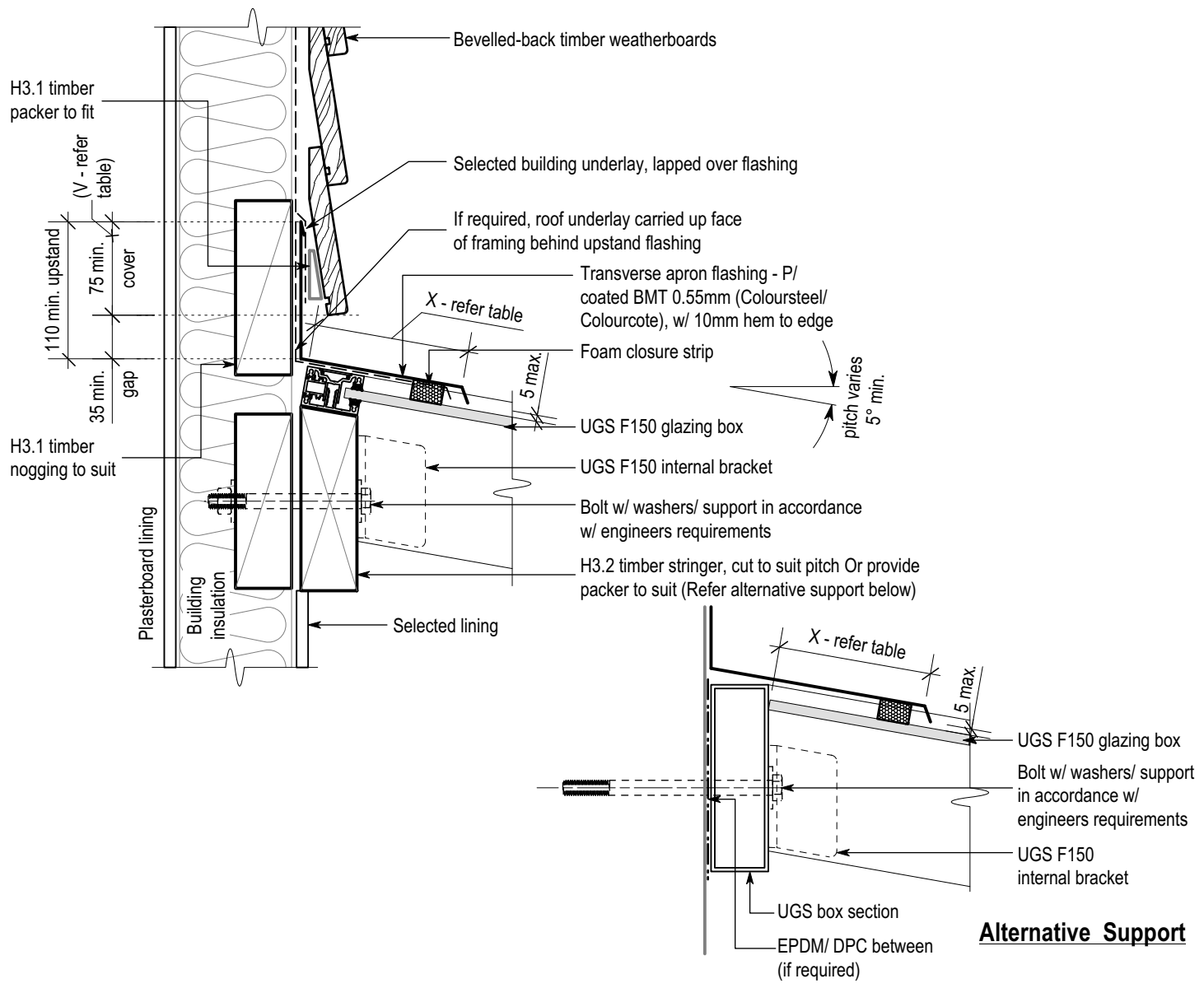


ISSUE	DATE	REVISION
DRAWING NAME:		
Parallel Apron - BB Weatherbds, Direct Fix (F150 G/Box) New		DATE: 26-Jan-23
		SCALE @ A4: 1:5
		DWG: WBD-09
REVISION		

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
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-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.