

ISOMETRIC VIEW



ARCHITECTURAL
METALFORMERS



smart tray™ Roofing

PROFILE TYPE:

Standing Seam
Smart Tray System Drawings

SCALE: NTS

DRAWING NO.

DATE: 2026

SS-01

REVISION:

A

Standing Seam Roofing Package Sheet List

<i>Sheet Number</i>	<i>Sheet Name</i>	<i>Type</i>	<i>Date</i>
SS-01	PANEL PROFILE	AMF smart tray ™ Roofing - Standing Seam	10/03/2026
SS-01.2	SHEET LIST	AMF smart tray ™ Roofing - Standing Seam	10/03/2026
SS-50	HIP & RIDGE FLASHING (VENTED)	AMF smart tray ™ Roofing - Standing Seam	10/03/2026
SS-51	DRIP EDGE FLASHING (UNVENTED)	AMF smart tray ™ Roofing - Standing Seam	10/03/2026
SS-52	BARGE DETAIL (OPTION A)	AMF smart tray ™ Roofing - Standing Seam	10/03/2026
SS-53	BARGE DETAIL (OPTION B)	AMF smart tray ™ Roofing - Standing Seam	10/03/2026
SS-54	BARGE DETAIL (OPTION C)	AMF smart tray ™ Roofing - Standing Seam	10/03/2026
SS-55	APRON FLASHING (VENTED OPTION A)	AMF smart tray ™ Roofing - Standing Seam	10/03/2026
SS-56	APRON FLASHING (UNVENTED OPTION B)	AMF smart tray ™ Roofing - Standing Seam	10/03/2026
SS-57	CHANGE OF PITCH FLASHING	AMF smart tray ™ Roofing - Standing Seam	10/03/2026
SS-58	DROPPED VALLEY	AMF smart tray ™ Roofing - Standing Seam	10/03/2026
SS-59	FLAT VALLEY	AMF smart tray ™ Roofing - Standing Seam	10/03/2026
SS-60	SKYLIGHT FLASHING	AMF smart tray ™ Roofing - Standing Seam	10/03/2026
SS-61	WATERFALL EDGE (OPTION A)	AMF smart tray ™ Roofing - Standing Seam	10/03/2026
SS-62	WATERFALL EDGE (OPTION B)	AMF smart tray ™ Roofing - Standing Seam	10/03/2026



**ARCHITECTURAL
METALFORMERS**

smart tray™ Roofing

PROFILE TYPE:		Standing Seam Sheet List	
SCALE:	NTS	DRAWING NO.	SS-01.2
DATE:	2026	REVISION:	

VENT HOLES IN UNDERLAY PROVIDING 1000mm² OF VENTILATION PER LINEAL METRE.

METAL RIDGE FLASHING BY **ARCHITECTURAL METALFORMERS**.

STANDING SEAM METAL ROOF PANEL BY **ARCHITECTURAL METALFORMERS**.

15mm H3 CCA TREATED PLYWOOD SHEATHING FIXED TO ARCHITECTS AND MANUFACTURERS SPECIFICATION.

TIMBER PURLINS WITH VENTILATION GROOVES TO ARCHITECTS SPECIFICATION.

METAL UNDER FLASHING BY **ARCHITECTURAL METALFORMERS**. FIX TO PLYWOOD WITH 25MM S/S SELF DRILLING HEX WASHER HEAD SCREWS @ 200MM C/C. PUNCH VENT HOLES IN FLASHING TO PROVIDE 1000mm² OF VENTILATION PER LINEAL METRE.

SELECTED BREATHABLE ROOFING UNDERLAY BY **ARCHITECTURAL METALFORMERS**. LAY OVER PLYWOOD SHEATHING TO MANUFACTURERS SPECIFICATION.

TIMBER RAFTER/TRUSS TO ARCHITECTS SPECIFICATION.

"Z" as per Table 7 NZBC E2/AS1

- 130mm width in Low, Medium, High Wind Zones, where roof pitch $\geq 10^\circ$.
- 200mm width for all roof pitches in Very High and Extra High Wind Zones.
- 200mm width in Low, Medium and High Wind Zones where roof pitch $\leq 10^\circ$.



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PROFILE TYPE:

Standing Seam
Hip & Ridge Flashing (Vented)

SCALE:

NTS

DRAWING NO.

SS-50

REVISION:

DATE:

2026

A

ROOFING UNDERLAY LAPS ONTO DRIP EDGE FLASHING WITH 75mm MIN. COVER.

METAL DRIP EDGE FLASHING BY **ARCHITECTURAL METALFORMERS** LAID ON SELECTED BREATHABLE ROOFING UNDERLAY. FIX TO PLYWOOD WITH 19mm S/S ANNULAR GROOVED NAILS @ 200mm C/C.

SELECTED METAL SPOUTING BY **ARCHITECTURAL METALFORMERS** LAID TO FALLS.

STANDING SEAM METAL ROOF PANEL BY **ARCHITECTURAL METALFORMERS** ON SELECTED BREATHABLE ROOFING UNDERLAY.

15mm H3 CCA TREATED PLYWOOD FIXED TO MANUFACTURERS SPECIFICATION.

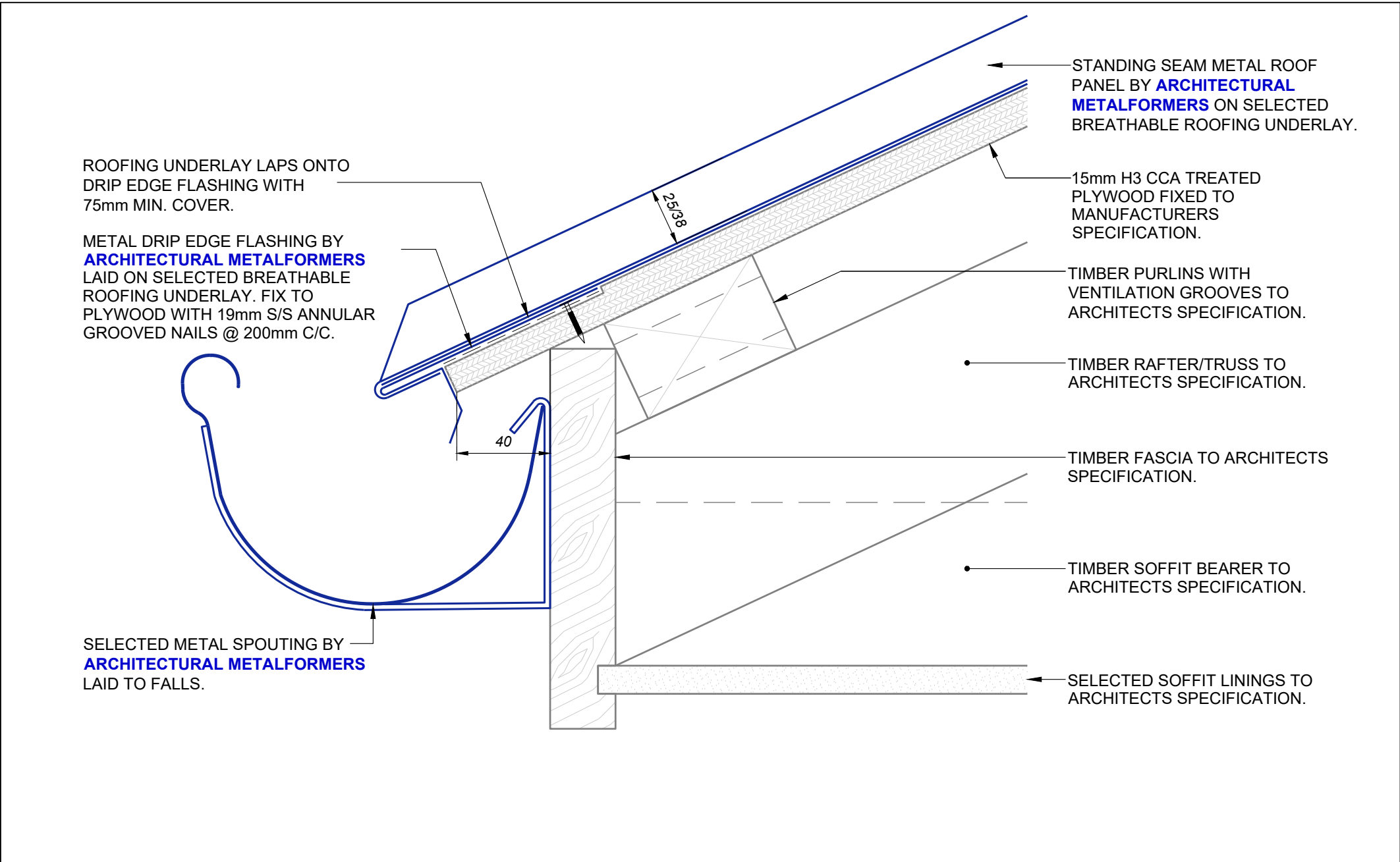
TIMBER PURLINS WITH VENTILATION GROOVES TO ARCHITECTS SPECIFICATION.

TIMBER RAFTER/TRUSS TO ARCHITECTS SPECIFICATION.

TIMBER FASCIA TO ARCHITECTS SPECIFICATION.

TIMBER SOFFIT BEARER TO ARCHITECTS SPECIFICATION.

SELECTED SOFFIT LININGS TO ARCHITECTS SPECIFICATION.



ARCHITECTURAL
METALFORMERS



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PROFILE TYPE:		Standing Seam Drip Edge Flashing (Unvented)	
SCALE:	NTS	DRAWING NO.	SS-51
DATE:	2026	REVISION:	A

SELECTED METAL TRIM FLASHING BY **ARCHITECTURAL METALFORMERS** FIXED WITH 19mm S/S ANNULAR GROOVED NAILS.

STANDING SEAM METAL ROOF PANEL BY **ARCHITECTURAL METALFORMERS** ON SELECTED BREATHABLE ROOFING UNDERLAY.

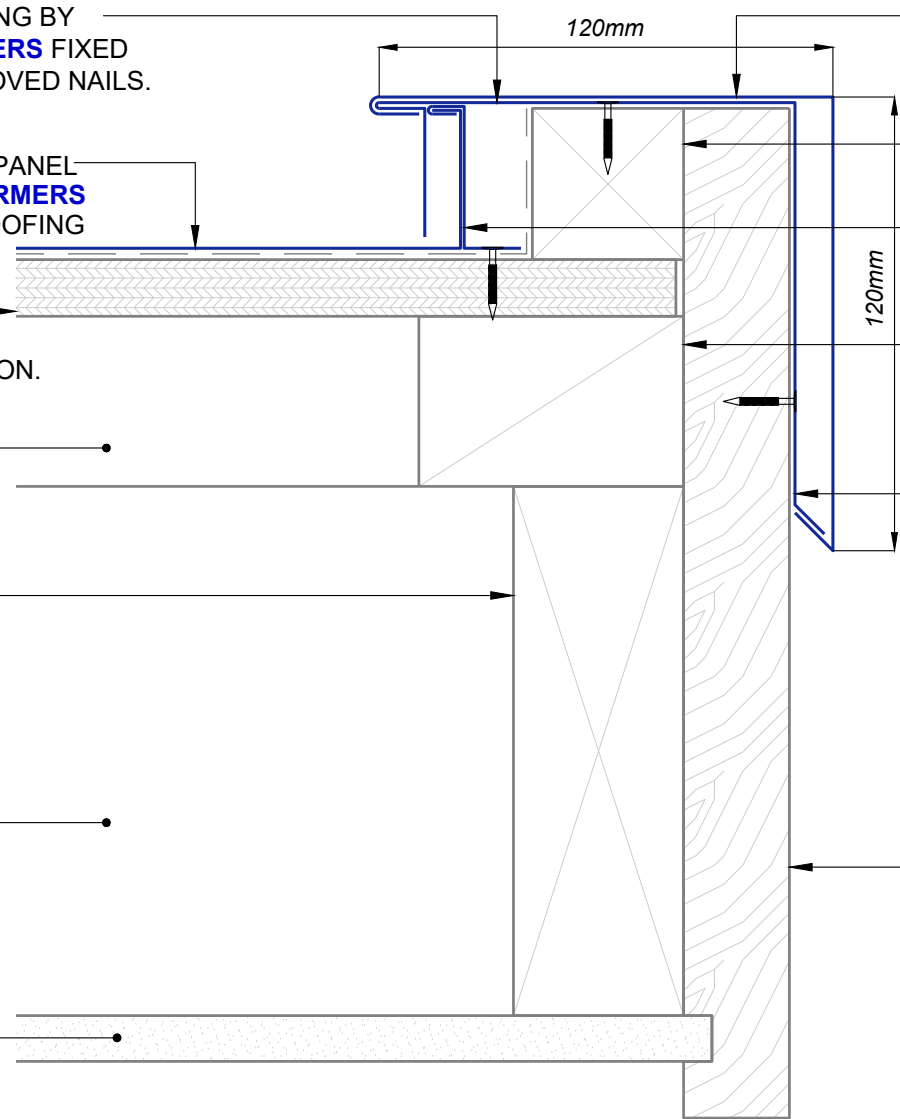
15mm H3 CCA TREATED PLYWOOD FIXED TO MANUFACTURERS SPECIFICATION.

TIMBER PURLINS TO ARCHITECTS SPECIFICATION.

TIMBER FLYING RAFTER TO ARCHITECTS SPECIFICATION.

TIMBER OUTRIGGER TO ARCHITECTS SPECIFICATION.

SELECTED SOFFIT LININGS TO ARCHITECTS SPECIFICATION.



SELECTED METAL BARGE FLASHING BY **ARCHITECTURAL METALFORMERS** FIXED OVER CONCEALED CLIP FIXINGS.

40 X 40 TIMBER BATTEN FIXED TO PLYWOOD TO ARCHITECTS SPECIFICATION.

S/S BRACKET FIXED WITH 19mm S/S ANNULAR GROOVED NAILS.

TIMBER NOGGING AS REQUIRED TO ARCHITECTS SPECIFICATION.

SELECTED METAL TRIM FLASHING BY **ARCHITECTURAL METALFORMERS** FIXED WITH 19mm S/S ANNULAR GROOVED NAILS.

TIMBER BARGE BOARD TO ARCHITECTS SPECIFICATION.



ARCHITECTURAL
METALFORMERS



smart tray™ Roofing

PROFILE TYPE:		Standing Seam Barge Detail (Option A)	
SCALE:	NTS	DRAWING NO.	SS-52
DATE:	2026	REVISION:	A

S/S METAL TRIM FLASHING BY **ARCHITECTURAL METALFORMERS** FIXED WITH 19mm S/S ANNULAR GROOVED NAILS.

STANDING SEAM METAL ROOF PANEL BY **ARCHITECTURAL METALFORMERS** ON SELECTED BREATHABLE ROOFING UNDERLAY.

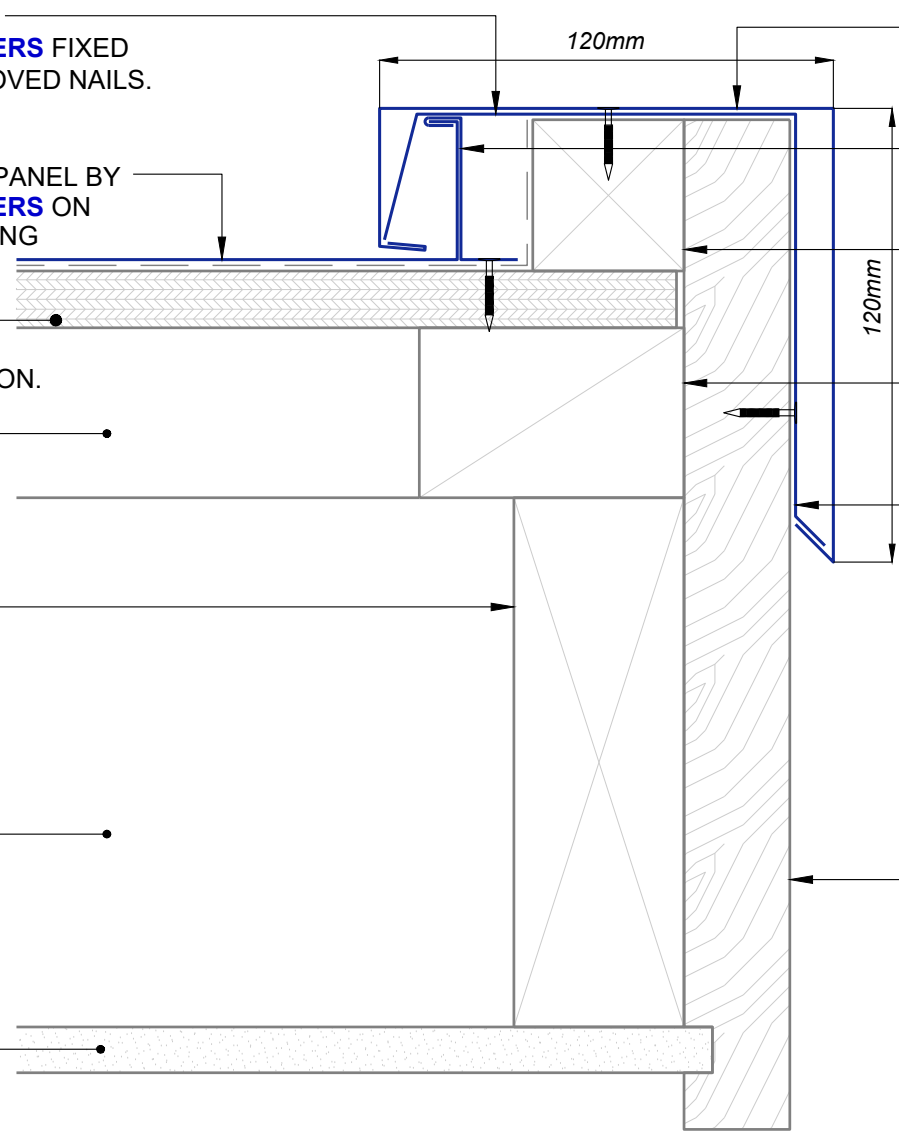
15mm H3 CCA TREATED PLYWOOD FIXED TO MANUFACTURERS SPECIFICATION.

TIMBER PURLINS TO ARCHITECTS SPECIFICATION.

TIMBER FLYING RAFTER TO ARCHITECTS SPECIFICATION.

TIMBER OUTRIGGER TO ARCHITECTS SPECIFICATION.

SELECTED SOFFIT LININGS TO ARCHITECTS SPECIFICATION.



SELECTED METAL BARGE FLASHING BY **ARCHITECTURAL METALFORMERS** FIXED OVER CONCEALED CLIP FIXINGS.

S/S BRACKET FIXED WITH 19mm S/S ANNULAR GROOVED NAILS.

40 X 40 TIMBER BATTEN FIXED TO PLYWOOD TO ARCHITECTS SPECIFICATION.

TIMBER NOGGING AS REQUIRED TO ARCHITECTS SPECIFICATION.

S/S METAL TRIM FLASHING BY **ARCHITECTURAL METALFORMERS** FIXED WITH 19mm S/S ANNULAR GROOVED NAILS.

TIMBER BARGE BOARD TO ARCHITECTS SPECIFICATION.



ARCHITECTURAL
METALFORMERS



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PROFILE TYPE:		Standing Seam Barge Detail (Option B)	
SCALE:	NTS	DRAWING NO.	SS-53
DATE:	2026	REVISION:	A

S/S BRACKET FIXED WITH 19mm
S/S ANNULAR GROOVED NAILS.

STANDING SEAM METAL ROOF
PANEL BY **ARCHITECTURAL
METALFORMERS** ON SELECTED
BREATHABLE ROOFING UNDERLAY.

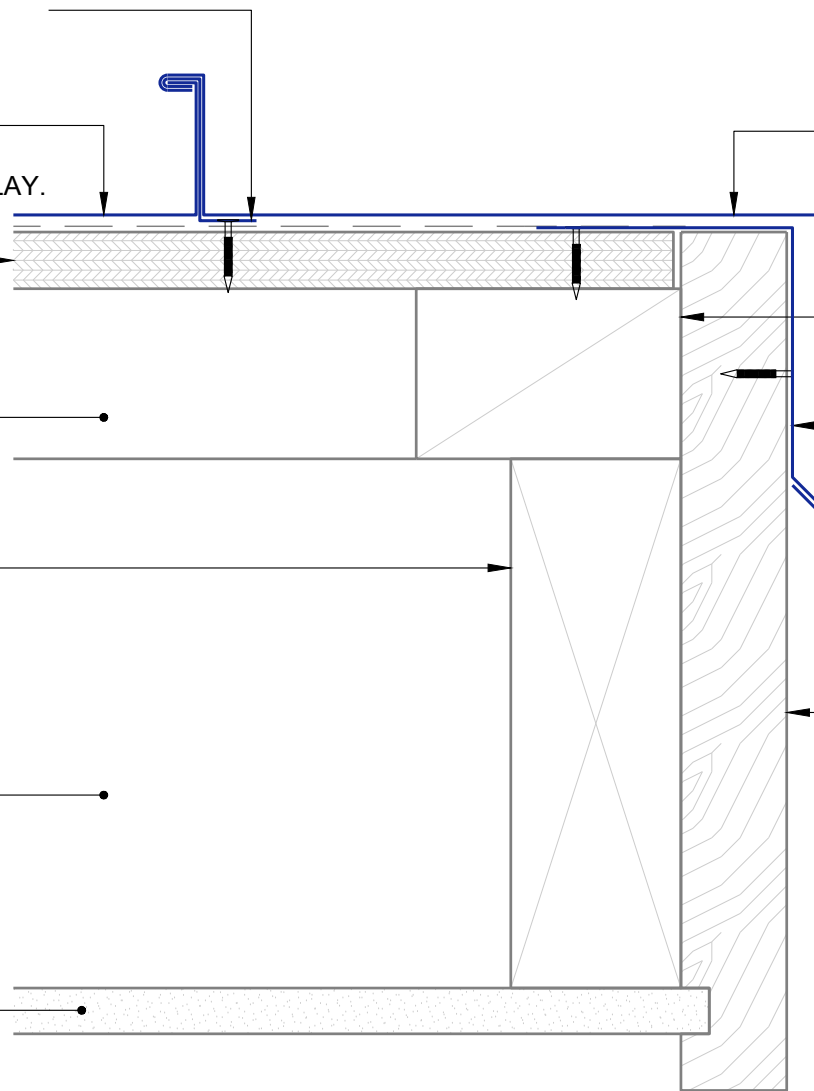
15mm H3 CCA TREATED
PLYWOOD FIXED TO
MANUFACTURERS
SPECIFICATION.

TIMBER PURLINS TO
ARCHITECTS SPECIFICATION.

TIMBER FLYING RAFTER TO
ARCHITECTS SPECIFICATION.

TIMBER OUTRIGGER TO
ARCHITECTS SPECIFICATION.

SELECTED SOFFIT LININGS TO
ARCHITECTS SPECIFICATION.



SELECTED METAL BARGE
FLASHING BY **ARCHITECTURAL
METALFORMERS** FIXED OVER
CONCEALED CLIP FIXINGS.

TIMBER NOGGING AS REQUIRED
TO ARCHITECTS SPECIFICATION.

SELECTED METAL TRIM
FLASHING BY **ARCHITECTURAL
METALFORMERS** FIXED WITH
19mm S/S ANNULAR GROOVED
NAILS.

TIMBER BARGE BOARD TO
ARCHITECTS SPECIFICATION.



ARCHITECTURAL
METALFORMERS



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PROFILE TYPE:		Standing Seam Barge Detail (Option C)	
SCALE:	NTS	DRAWING NO.	SS-54
DATE:	2026	REVISION:	A

STANDING SEAM METAL WALL CLADDING BY **ARCHITECTURAL METALFORMERS** ON SELECTED BREATHABLE ROOFING UNDERLAY.

15mm H3 CCA TREATED PLYWOOD.

FOLDED CAVITY CLOSER/PANEL STARTER BY **ARCHITECTURAL METALFORMERS**. PUNCHED CAVITY CLOSER PROVIDES 1000mm² OF VENTILATION PER LINEAL METRE.

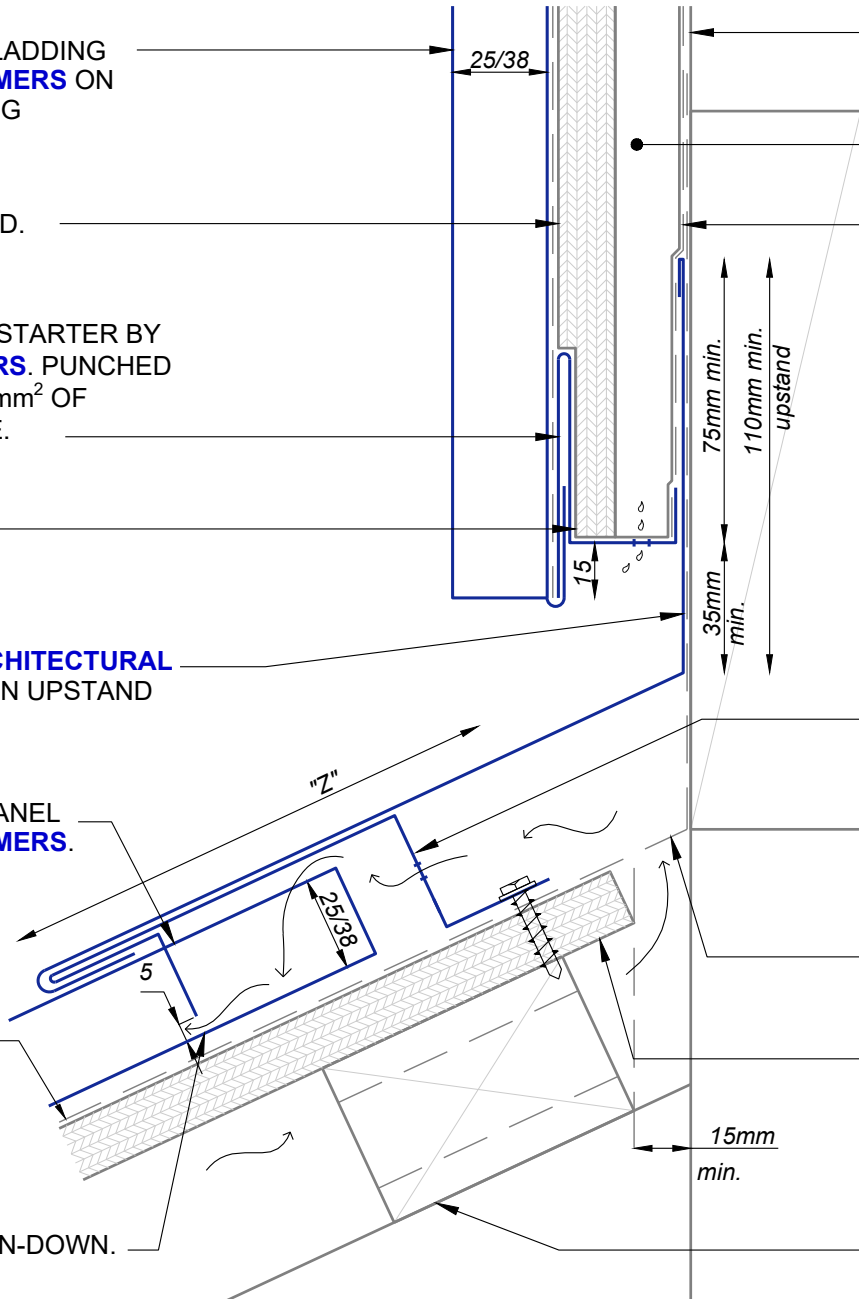
50 X 3mm PLY REBATE.

METAL APRON FLASHING BY **ARCHITECTURAL METALFORMERS** WITH 110mm MIN UPSTAND UP WALL BEHIND CLADDING.

STANDING SEAM METAL ROOF PANEL BY **ARCHITECTURAL METALFORMERS**.

SELECTED BREATHABLE ROOFING UNDERLAY BY **ARCHITECTURAL METALFORMERS** TURNS UP WALL FACE 200mm MIN. LAY OVER PLYWOOD SHEATHING TO MANUFACTURERS SPECIFICATION.

5MM MIN. GAP TO NOTCHED TURN-DOWN.



LINE OF TIMBER FRAMING TO ARCHITECTS SPECIFICATION.

45 X 20mm H3.1 TREATED CAVITY BATTENS.

SELECTED BREATHER TYPE BUILDING WRAP TURNS OUT OVER APRON FLASHING.

"Z" as per Table 7 NZBC E2/AS1

- 130mm width in Low, Medium, High Wind Zones, where roof pitch $\geq 10^\circ$.
- 200mm width for all roof pitches in Very High and Extra High Wind Zones.
- 200mm width in Low, Medium and High Wind Zones where roof pitch $\leq 10^\circ$.

METAL UNDER FLASHING BY **ARCHITECTURAL METALFORMERS**. FIX TO PLYWOOD WITH 25MM S/S SELF DRILLING HEX WASHER HEAD SCREWS @ 200MM C/C. PUNCHED VENT HOLES IN FLASHING PROVIDES 1000mm² OF VENTILATION PER LINEAL METRE.

VENT HOLES IN UNDERLAY PROVIDING 1000mm² OF VENTILATION PER LINEAL METRE.

15mm H3 CCA TREATED PLYWOOD SHEATHING FIXED TO ARCHITECTS AND MANUFACTURERS SPECIFICATION.

TIMBER PURLINS WITH VENTILATION GROOVES TO ARCHITECTS SPECIFICATION.



PROFILE TYPE:		Standing Seam	
		Apron Flashing (Vented Option A)	
SCALE:	NTS	DRAWING NO.	SS-55
DATE:	2026	REVISION:	A

STANDING SEAM METAL WALL CLADDING BY **ARCHITECTURAL METALFORMERS** ON SELECTED BREATHABLE ROOFING UNDERLAY .

15mm H3 CCA TREATED PLYWOOD.

FOLDED CAVITY CLOSER/PANEL STARTER BY **ARCHITECTURAL METALFORMERS**. PUNCHED CAVITY CLOSER PROVIDES 1000mm² OF VENTILATION PER LINEAL METRE.

50 X 3mm PLY REBATE.

METAL APRON FLASHING BY **ARCHITECTURAL METALFORMERS** WITH 110mm MIN UPSTAND UP WALL BEHIND CLADDING.

STANDING SEAM METAL ROOF PANEL BY **ARCHITECTURAL METALFORMERS**.

5MM MIN. GAP TO NOTCHED TURN-DOWN.

15mm H3 CCA TREATED PLYWOOD SHEATHING FIXED TO ARCHITECTS AND MANUFACTURERS SPECIFICATION.

LINE OF TIMBER FRAMING TO ARCHITECTS SPECIFICATION.

45 X 20mm H3.1 TREATED CAVITY BATTENS.

SELECTED BREATHER TYPE BUILDING WRAP TURNS OUT OVER APRON FLASHING.

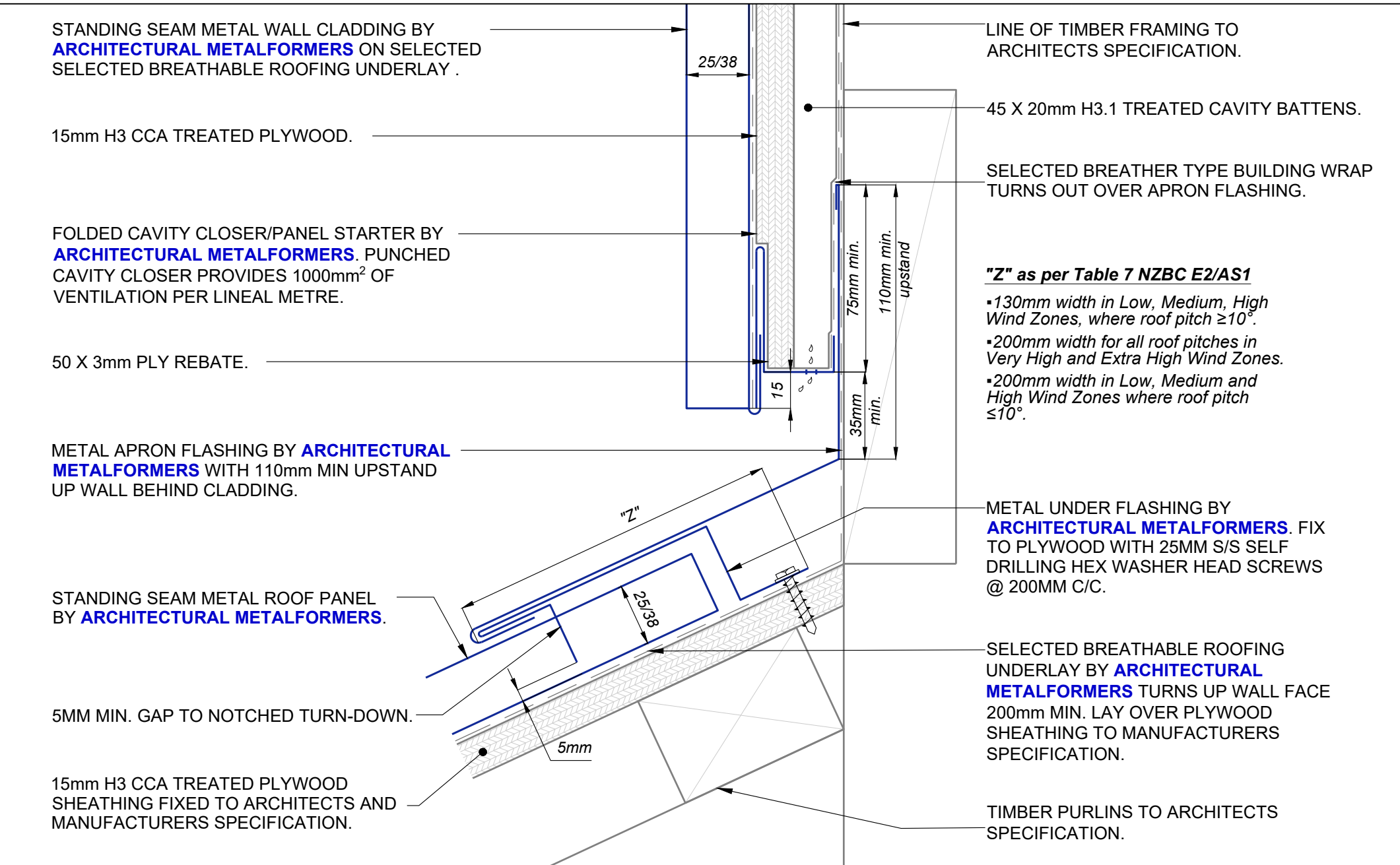
"Z" as per Table 7 NZBC E2/AS1

- 130mm width in Low, Medium, High Wind Zones, where roof pitch $\geq 10^\circ$.
- 200mm width for all roof pitches in Very High and Extra High Wind Zones.
- 200mm width in Low, Medium and High Wind Zones where roof pitch $\leq 10^\circ$.

METAL UNDER FLASHING BY **ARCHITECTURAL METALFORMERS**. FIX TO PLYWOOD WITH 25MM S/S SELF DRILLING HEX WASHER HEAD SCREWS @ 200MM C/C.

SELECTED BREATHABLE ROOFING UNDERLAY BY **ARCHITECTURAL METALFORMERS** TURNS UP WALL FACE 200mm MIN. LAY OVER PLYWOOD SHEATHING TO MANUFACTURERS SPECIFICATION.

TIMBER PURLINS TO ARCHITECTS SPECIFICATION.



ARCHITECTURAL
METALFORMERS

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PROFILE TYPE:		Standing Seam	
		Apron Flashing (Unvented Option B)	
SCALE:	NTS	DRAWING NO.	SS-56
DATE:	2026	REVISION:	A

S/S BRACKET FIXED WITH
19mm S/S ANNULAR
GROOVED NAILS.

SELECTED BREATHABLE ROOFING
UNDERLAY.

CLINCHED GRAB STRIP SEALED
WITH SIKA AT FACADE
SEALANT.

TIMBER PURLIN
CONTINUOUS BOTH SIDES
OF COP.

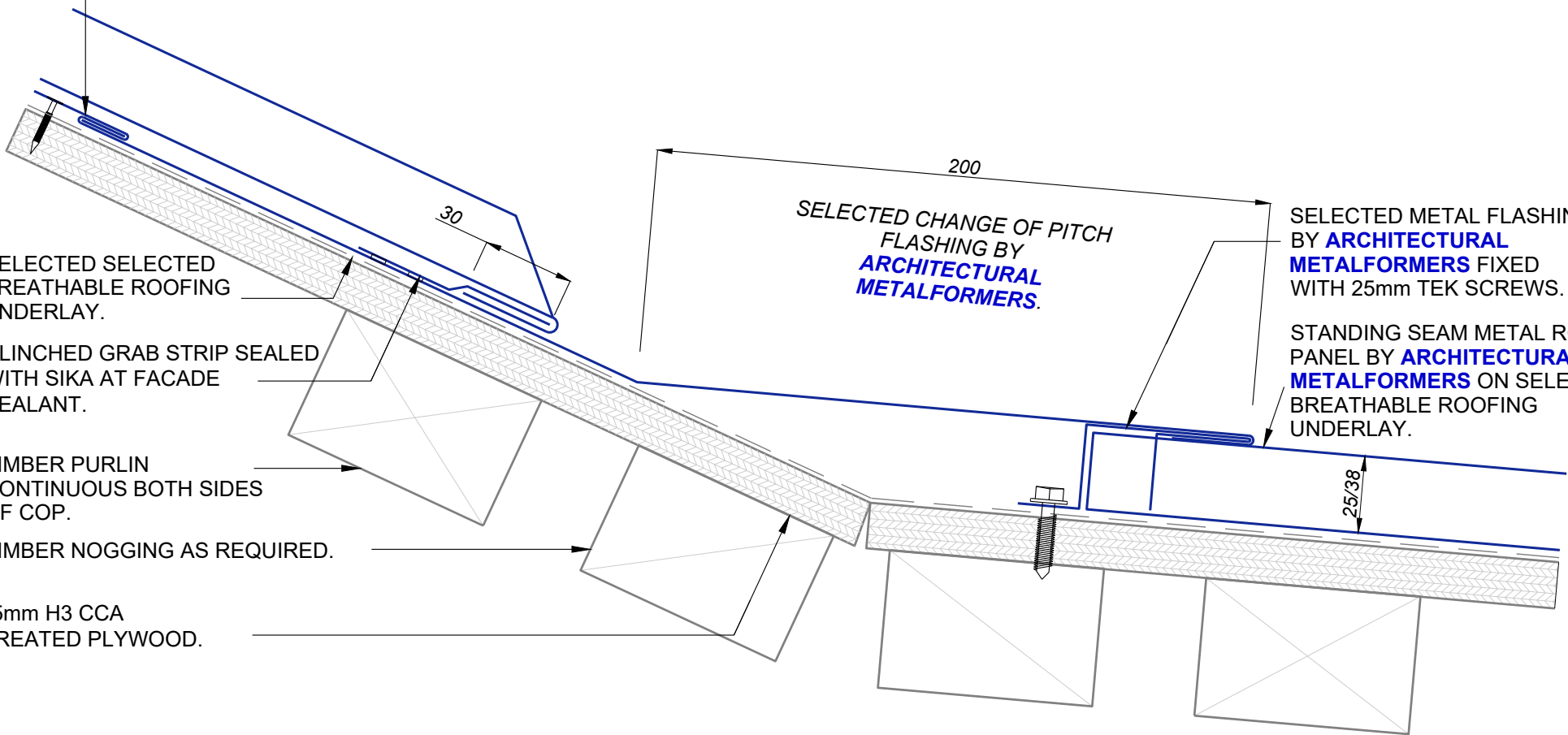
TIMBER NOGGING AS REQUIRED.

15mm H3 CCA
TREATED PLYWOOD.

200
SELECTED CHANGE OF PITCH
FLASHING BY
**ARCHITECTURAL
METALFORMERS.**

30
25/38
SELECTED METAL FLASHING
BY **ARCHITECTURAL
METALFORMERS** FIXED
WITH 25mm TEK SCREWS.

STANDING SEAM METAL ROOF
PANEL BY **ARCHITECTURAL
METALFORMERS** ON SELECTED
BREATHABLE ROOFING
UNDERLAY.

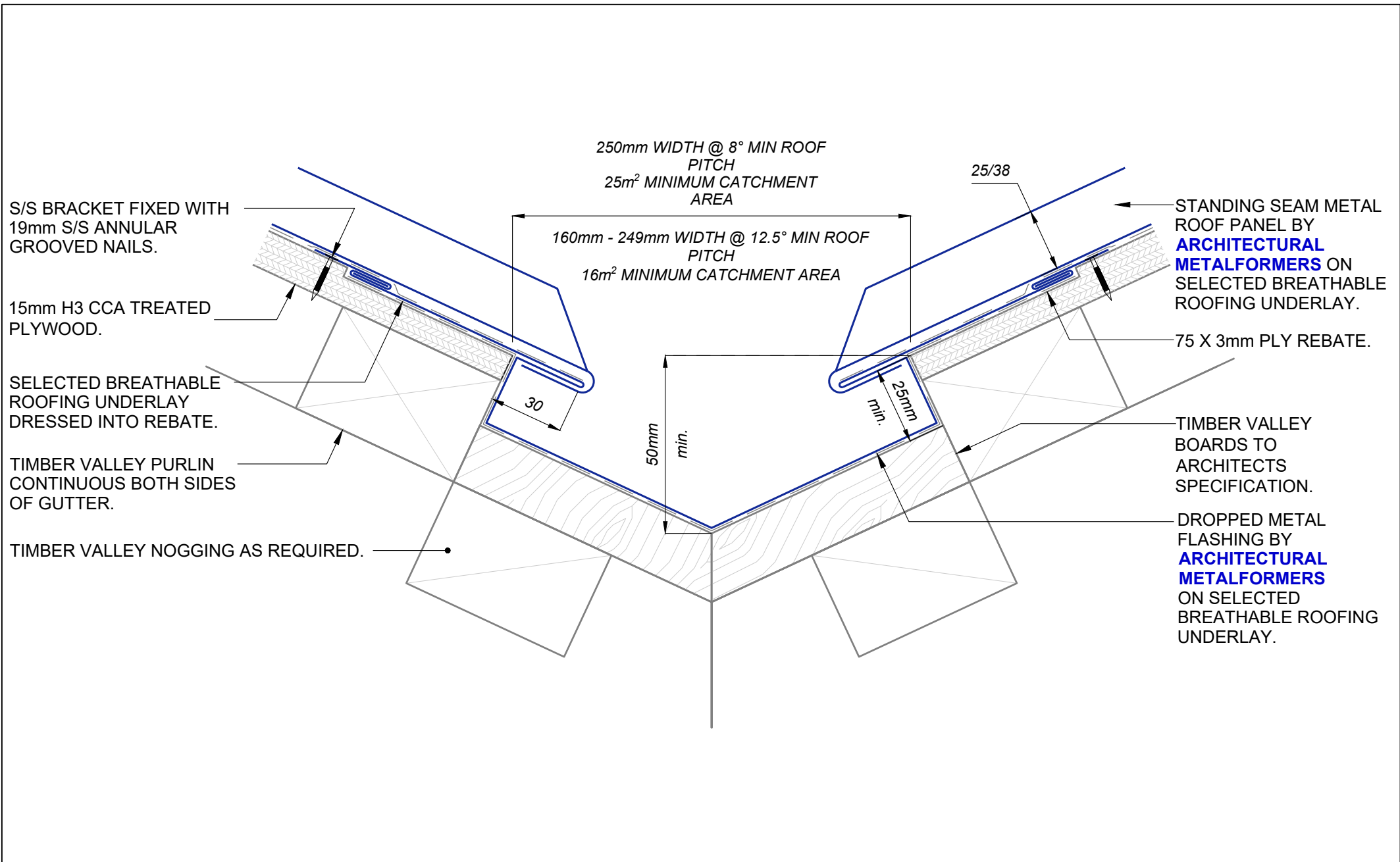


ARCHITECTURAL
METALFORMERS



smart tray™ Roofing

PROFILE TYPE:		Standing Seam Change of Pitch Flashing	
SCALE:	NTS	DRAWING NO.	SS-57
DATE:	2026	REVISION:	A



ARCHITECTURAL
METALFORMERS



smart tray™ Roofing

PROFILE TYPE:

Standing Seam
Dropped Valley

SCALE:

NTS

DRAWING NO.

DATE:

2026

SS-58

REVISION:

A

S/S BRACKET FIXED WITH
19mm S/S ANNULAR GROOVED
NAILS.

STANDING SEAM METAL
ROOF PANEL BY
**ARCHITECTURAL
METALFORMERS** ON
SELECTED BREATHABLE
ROOFING UNDERLAY.

250mm WIDTH @ 8° MIN ROOF
PITCH
25m² MINIMUM CATCHMENT
AREA

25/38

160mm - 249mm WIDTH @ 12.5° MIN ROOF
PITCH
16m² MINIMUM CATCHMENT AREA

SELECTED BREATHABLE
ROOFING UNDERLAY.

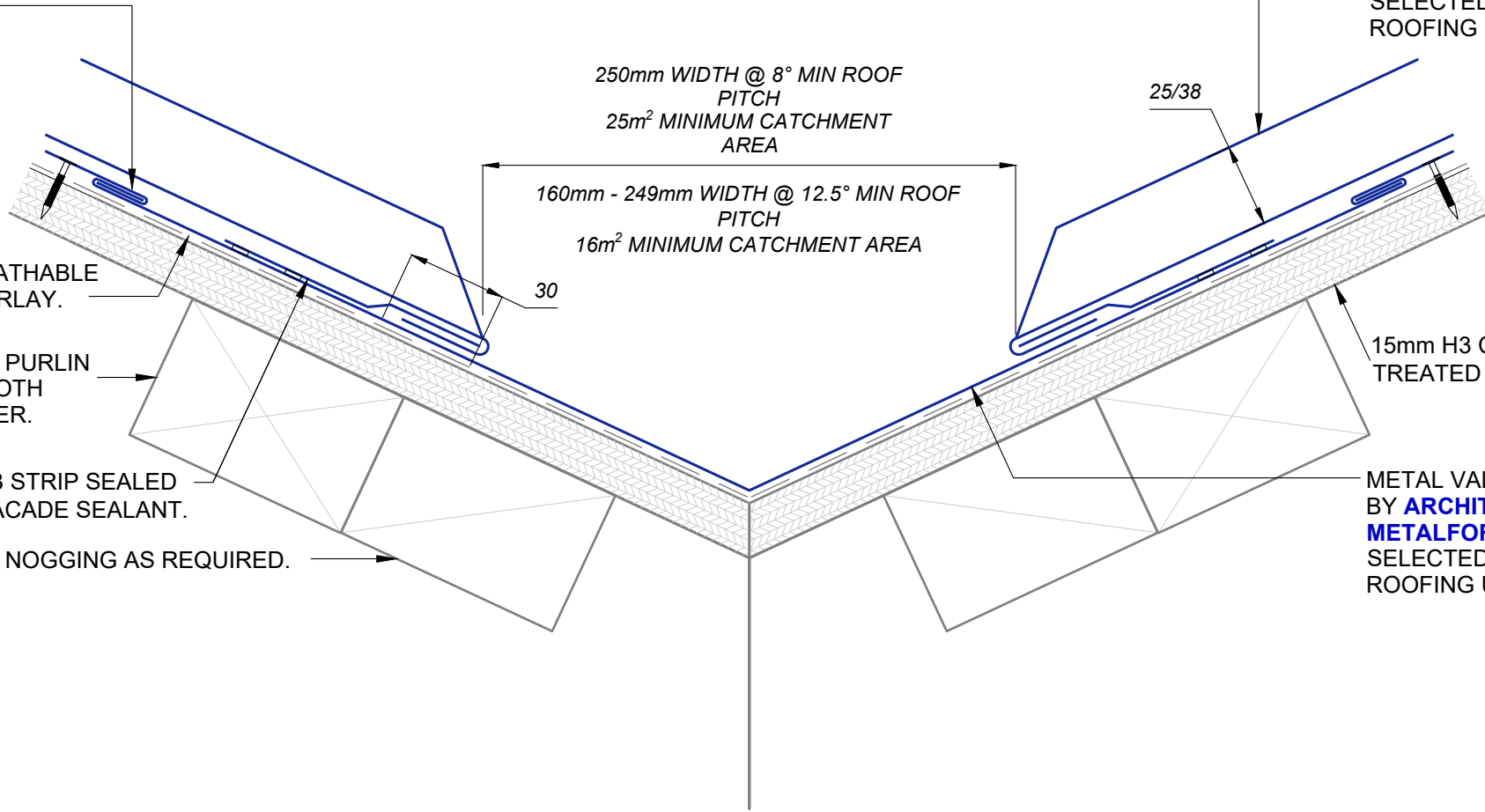
TIMBER VALLEY PURLIN
CONTINUOUS BOTH
SIDES OF GUTTER.

15mm H3 CCA
TREATED PLYWOOD.

CLINCHED GRAB STRIP SEALED
WITH SIKA AT FACADE SEALANT.

METAL VALLEY FLASHING
BY **ARCHITECTURAL
METALFORMERS** ON
SELECTED BREATHABLE
ROOFING UNDERLAY.

TIMBER VALLEY NOGGING AS REQUIRED.



ARCHITECTURAL
METALFORMERS



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PROFILE TYPE:

Standing Seam
Flat Valley

SCALE:

NTS

DRAWING NO.

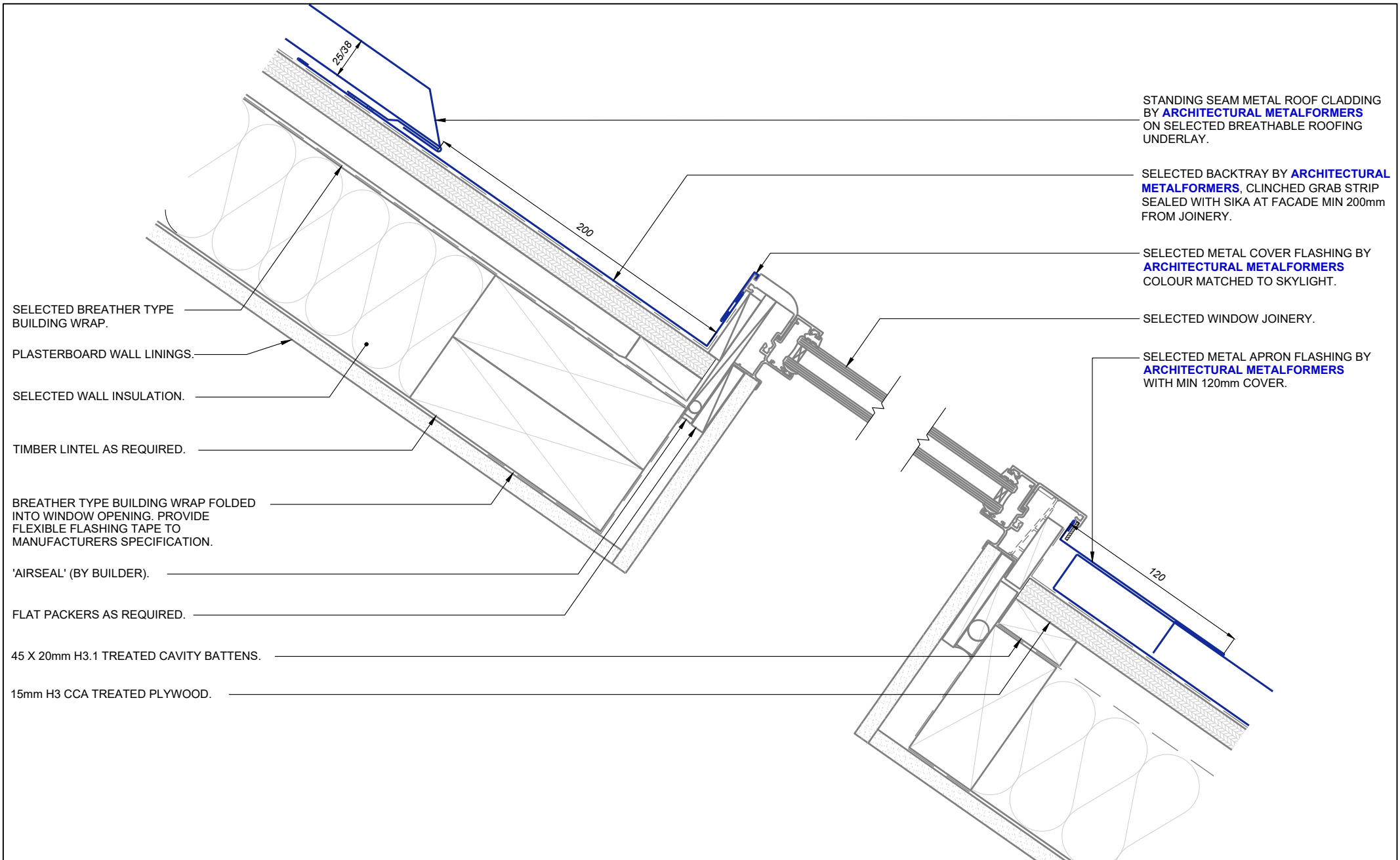
SS-59

REVISION:

A

DATE:

2026



SELECTED BREATHER TYPE BUILDING WRAP.

PLASTERBOARD WALL LININGS.

SELECTED WALL INSULATION.

TIMBER LINTEL AS REQUIRED.

BREATHER TYPE BUILDING WRAP FOLDED INTO WINDOW OPENING. PROVIDE FLEXIBLE FLASHING TAPE TO MANUFACTURERS SPECIFICATION.

'AIRSEAL' (BY BUILDER).

FLAT PACKERS AS REQUIRED.

45 X 20mm H3.1 TREATED CAVITY BATTENS.

15mm H3 CCA TREATED PLYWOOD.

STANDING SEAM METAL ROOF CLADDING BY **ARCHITECTURAL METALFORMERS** ON SELECTED BREATHABLE ROOFING UNDERLAY.

SELECTED BACKTRAY BY **ARCHITECTURAL METALFORMERS**. CLINKED GRAB STRIP SEALED WITH SIKA AT FACADE MIN 200mm FROM JOINERY.

SELECTED METAL COVER FLASHING BY **ARCHITECTURAL METALFORMERS** COLOUR MATCHED TO SKYLIGHT.

SELECTED WINDOW JOINERY.

SELECTED METAL APRON FLASHING BY **ARCHITECTURAL METALFORMERS** WITH MIN 120mm COVER.



ARCHITECTURAL
METALFORMERS



smart tray™ Roofing

PROFILE TYPE:

Standing Seam
Skylight Flashing

SCALE:

NTS

DRAWING NO.

REVISION:

DATE:

2026

SS-60

A

STANDING SEAM METAL ROOF CLADDING IS FOLDED TO HOOK OVER WALL CLADDING (WITH SEAM CONTINUING UNTIL MEETING SEAM OF WALL CLADDING).

STANDING SEAM METAL WALL CLADDING IS FOLDED (WITH SEAM CONTINUING UP TO MEET SEAM OF ROOF CLADDING).

STANDING SEAM METAL WALL CLADDING BY **ARCHITECTURAL METALFORMERS** ON SELECTED BREATHABLE ROOFING UNDERLAY.

25/38

TIMBER FRAMING.

CONTINUOUS 45 X 20mm H3.1 TREATED CAVITY BATTEN.

TIMBER NOG AS REQUIRED.

SELECTED BREATHER TYPE BUILDING WRAP.

15mm H3 CCA TREATED PLYWOOD.



ARCHITECTURAL
METALFORMERS



smart tray™ Roofing

PROFILE TYPE:

Standing Seam
Waterfall Edge (Option A)

SCALE:

NTS

DRAWING NO.

REVISION:

DATE:

2026

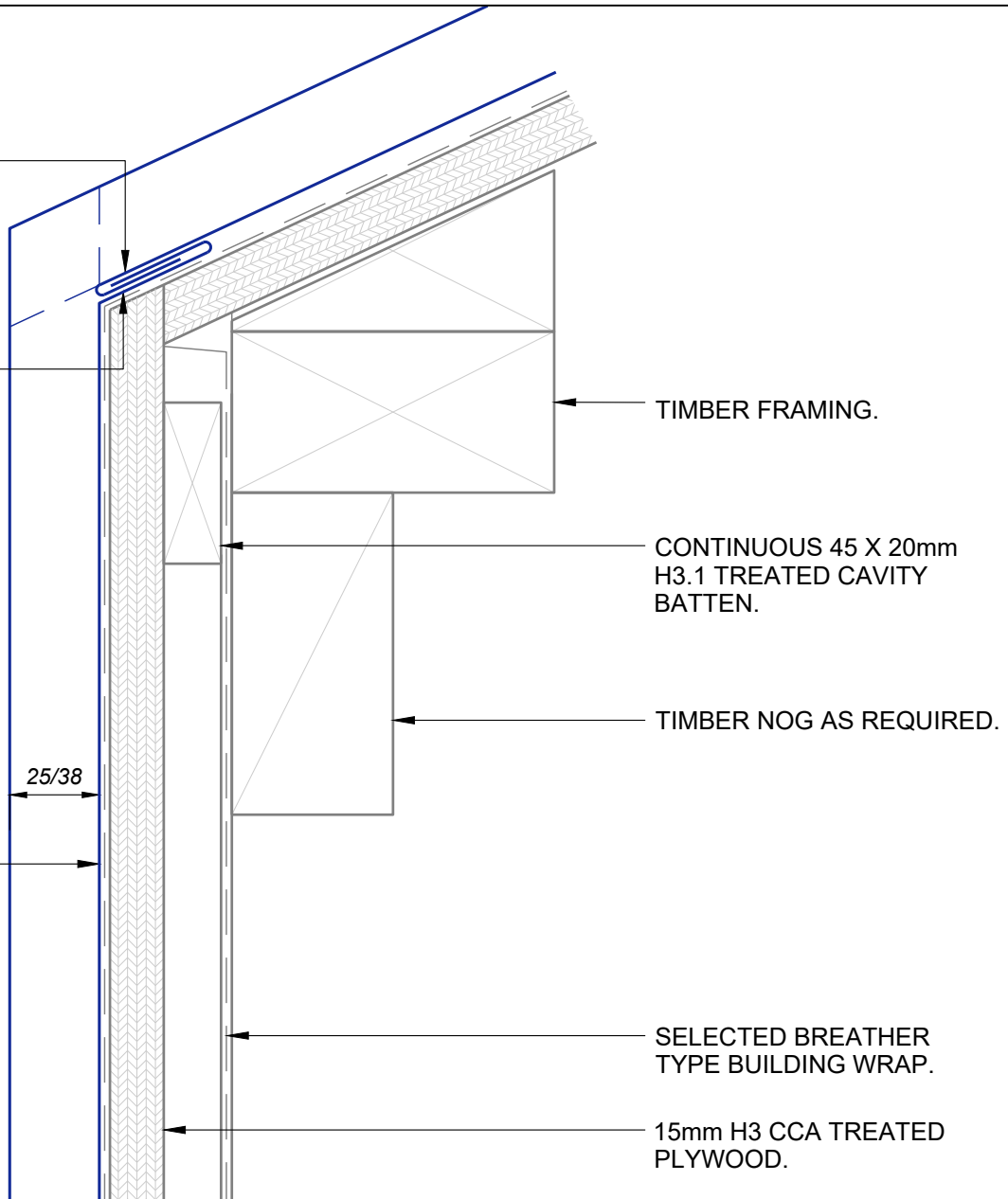
SS-61

A

STANDING SEAM METAL ROOF CLADDING IS FOLDED TO HOOK OVER WALL CLADDING (WITH SEAM CONTINUING UNTIL MEETING SEAM OF WALL CLADDING).

STANDING SEAM METAL WALL CLADDING IS FOLDED TO CREATE A HOOK (WITH SEAM CONTINUING UP TO MEET SEAM OF ROOF CLADDING).

STANDING SEAM METAL WALL CLADDING BY **ARCHITECTURAL METALFORMERS** ON SELECTED BREATHABLE ROOFING UNDERLAY.



TIMBER FRAMING.

CONTINUOUS 45 X 20mm H3.1 TREATED CAVITY BATTEN.

TIMBER NOG AS REQUIRED.

SELECTED BREATHER TYPE BUILDING WRAP.

15mm H3 CCA TREATED PLYWOOD.



ARCHITECTURAL
METALFORMERS

smart tray™ Roofing

PROFILE TYPE:		Standing Seam Waterfall Edge (Option B)	
SCALE:	NTS	DRAWING NO.	REVISION:
DATE:	2026	SS-62	A