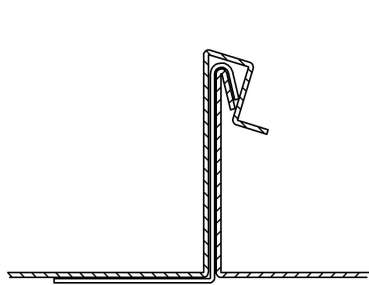
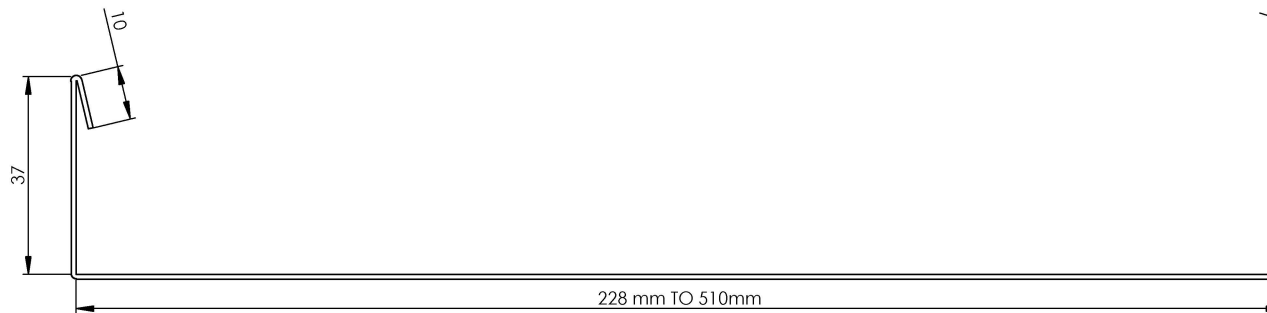


ISOMETRIC VIEW

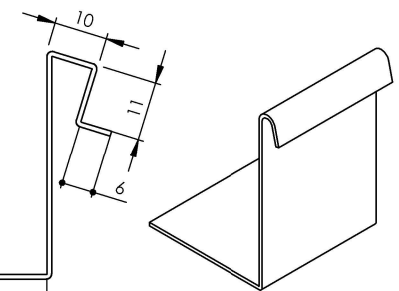


STANDING SEAM



228 mm TO 510mm

PANEL PROFILE



FIXING CLIP



ARCHITECTURAL
METALFORMERS



smart tray™ Roofing

PROFILE TYPE:

Lockseam
Smart Tray System Drawings

SCALE: NTS

DRAWING NO.

DATE: 2026

LS-01

REVISION:

A

Lockseam Roofing Package Sheet List

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



**ARCHITECTURAL
METALFORMERS**



smart tray™ Roofing

PROFILE TYPE:

**Lockseam
Sheet List**

SCALE:

NTS

DRAWING NO.

LS-01.2

REVISION:

A

DATE:

2026

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

SELECTED BREATHABLE ROOFING UNDERLAY BY **ARCHITECTURAL METALFORMERS**.

DOUBLE TIMBER PURLINS TO ARCHITECTS SPECIFICATION.

TIMBER RAFTER/TRUSS TO ARCHITECTS SPECIFICATION.

METAL RIDGE FLASHING BY **ARCHITECTURAL METALFORMERS**.

LOCK SEAM METAL ROOF PANELS BY **ARCHITECTURAL METALFORMERS** ON SELECTED BREATHABLE ROOFING UNDERLAY.

CONTINUOUS 5mm CORFLUTE BEARING STRIP TO ALL PURLINS.

"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 $\leq 10^\circ$.



ARCHITECTURAL
METALFORMERS



smart tray™ Roofing

PROFILE TYPE:		Lockseam Hip & Ridge Flashing (Unvented)	
SCALE:	NTS	DRAWING NO.	REVISION:
DATE:	2026	LS-50	A

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

METAL DRIP EDGE FLASHING BY **ARCHITECTURAL
METALFORMERS** LAID ON 5MM CORFLUTE BEARING
STRIP. FIX THROUGH CORFLUTE TO PURLIN WITH
19MM S/S ANNULAR GROOVED NAILS @ 200mm C/C.

CONTINUOUS 5mm CORFLUTE BEARING STRIP.

SELECTED METAL SPOUTING BY
ARCHITECTURAL METALFORMERS
LAID TO FALLS.

LOCK SEAM METAL ROOF PANELS BY
ARCHITECTURAL METALFORMERS
ON SELECTED BREATHABLE
ROOFING UNDERLAY.

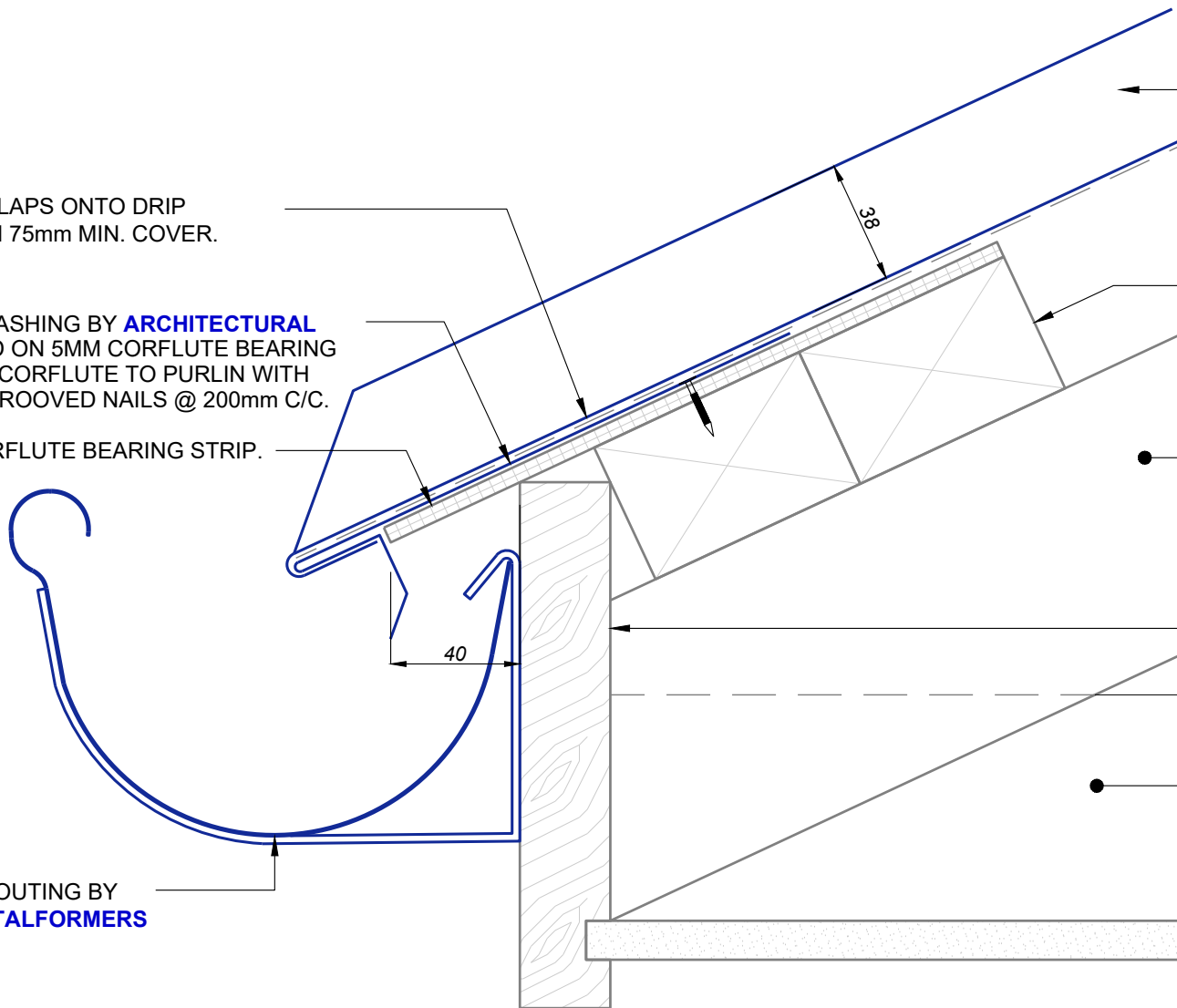
DOUBLE TIMBER PURLINS TO
ARCHITECTS SPECIFICATION.

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



smart tray™ Roofing

PROFILE TYPE:

Lockseam
Drip Edge Flashing (Unvented)

SCALE:

NTS

DRAWING NO.

REVISION:

DATE:

2026

LS-51

A

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

CONTINUOUS 5MM CORFLUTE BEARING STRIP.

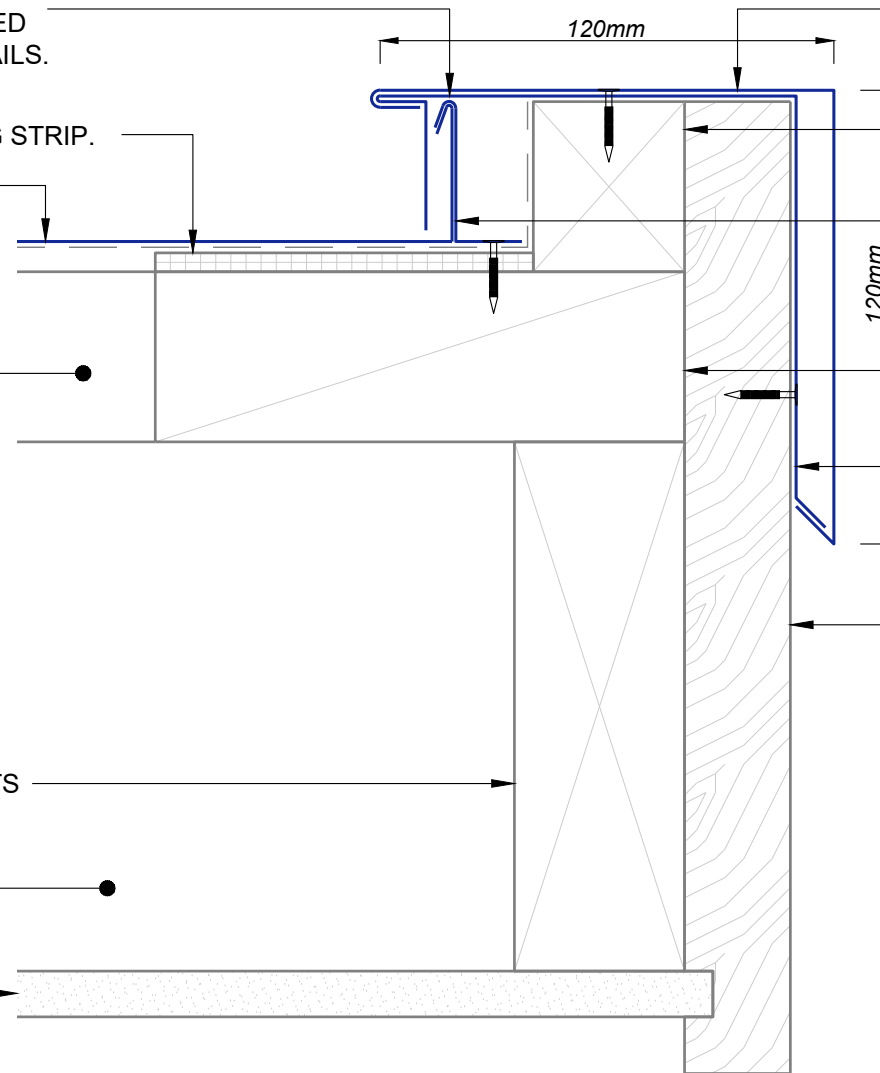
LOCK SEAM METAL ROOF PANELS BY **ARCHITECTURAL METALFORMERS** ON SELECTED BREATHABLE ROOFING UNDERLAY.

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.

45 X 40 TIMBER BATTEN FIXED TO PURLINS 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:

Lockseam

Barge Detail (Option A)

SCALE:

NTS

DRAWING NO.

REVISION:

DATE:

2026

LS-52

A

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

CONTINUOUS 5mm CORFLUTE BEARING STRIP.

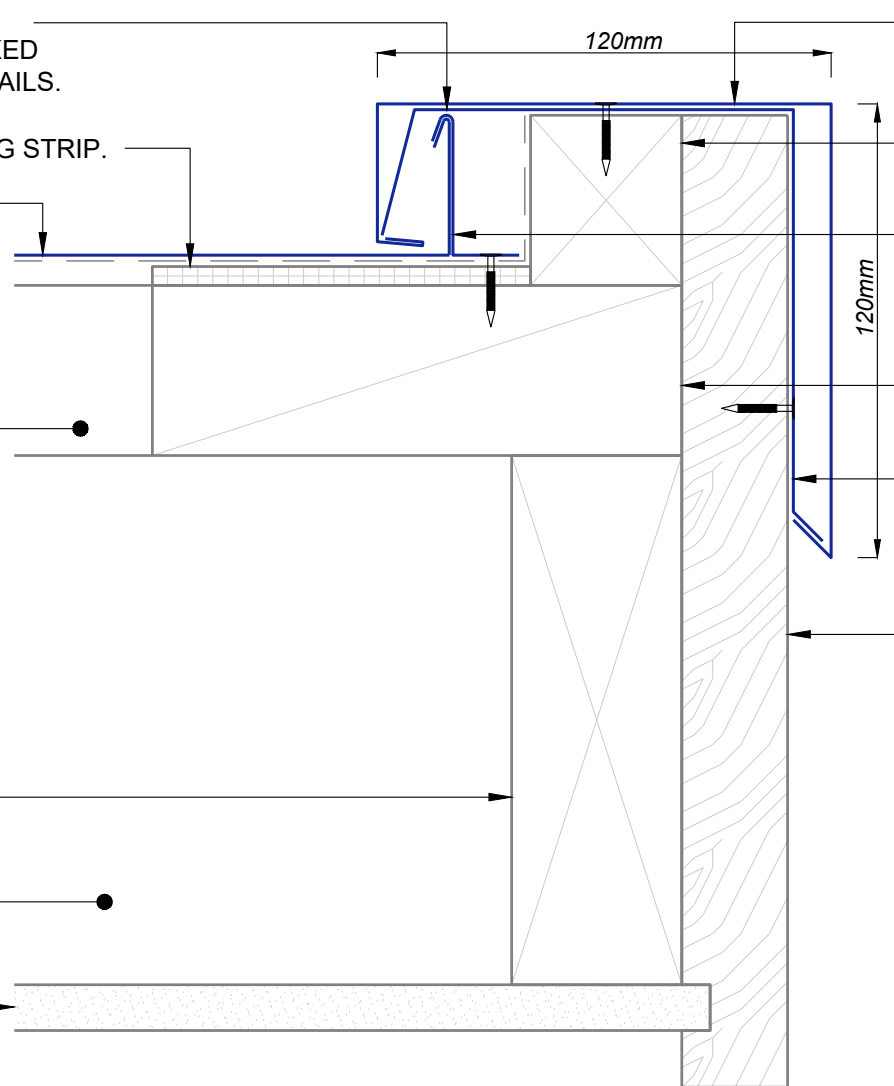
LOCK SEAM METAL ROOF PANELS BY **ARCHITECTURAL METALFORMERS** ON SELECTED BREATHABLE ROOFING UNDERLAY.

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.

45 X 40 TIMBER BATTEN FIXED TO PURLINS 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.



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

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

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

CONTINUOUS 5mm CORFLUTE
BEARING STRIP TO ALL PURLINS.

TIMBER PURLINS TO
ARCHITECTS SPECIFICATION.

TIMBER FLYING RAFTER TO
ARCHITECTS SPECIFICATION.

TIMBER OUTRIGGER TO
ARCHITECTS SPECIFICATION.

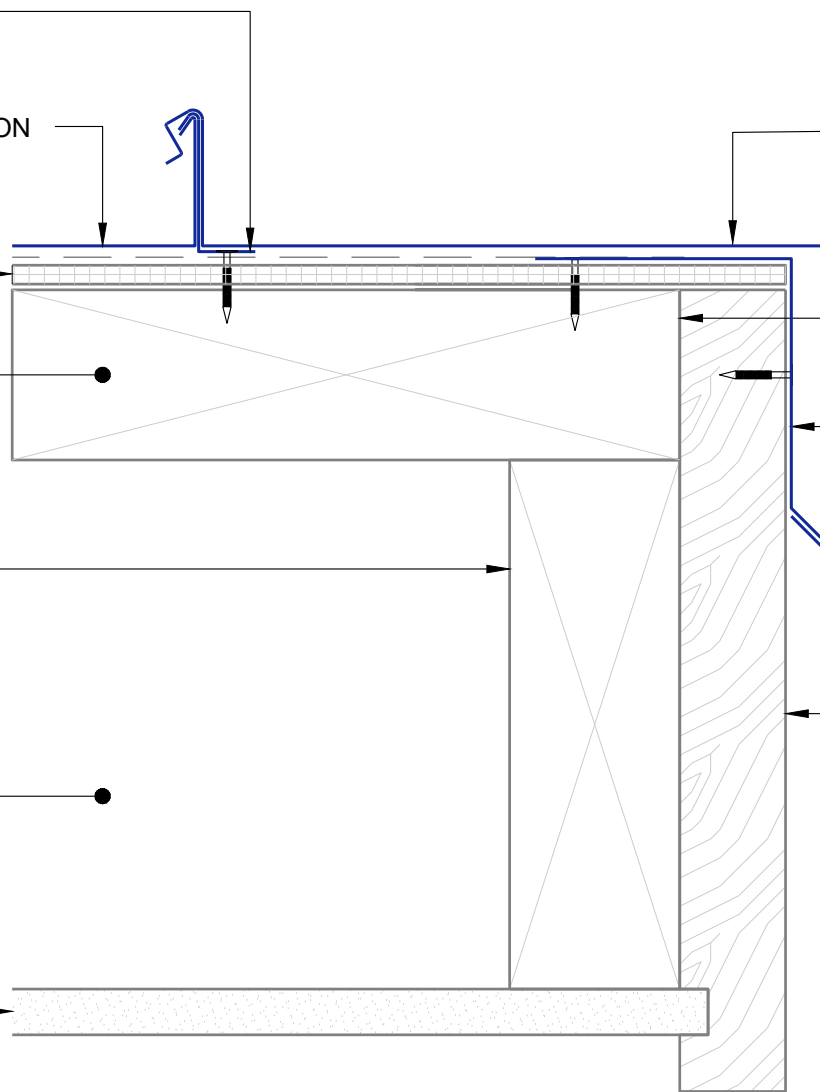
SELECTED SOFFIT LININGS TO
ARCHITECTS SPECIFICATION.

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

smart tray™ Roofing

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

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

45 X 65mm H3.1 TREATED CASTELLATED STRUCTURAL CAVITY BATTEN WITH 3MM FACE REBATE AS REQUIRED FOR CLADDING BUILDUP.

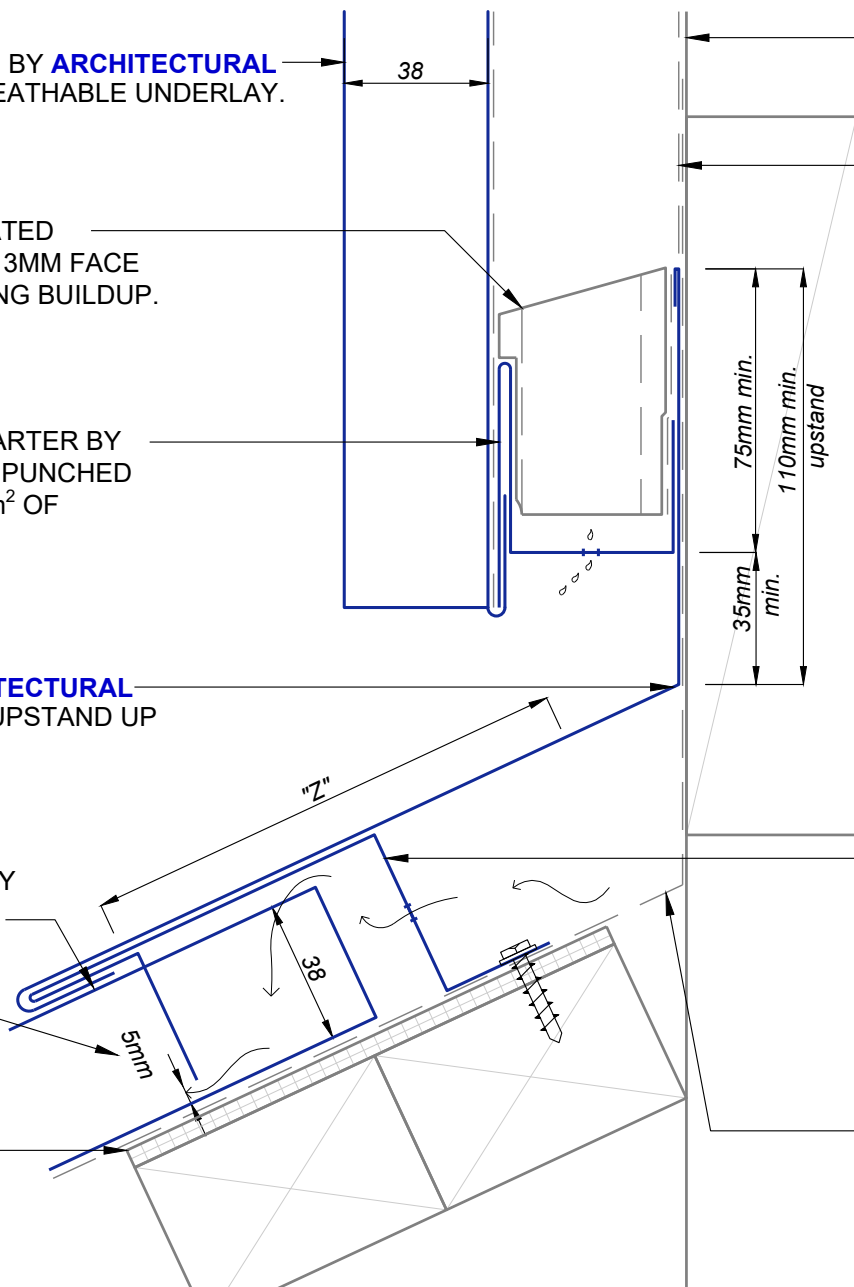
FOLDED CAVITY CLOSER/PANEL STARTER BY **ARCHITECTURAL METALFORMERS**. PUNCHED CAVITY CLOSER PROVIDING 1000mm² OF VENTILATION PER LINEAL METRE.

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

LOCK SEAM METAL ROOF PANELS BY **ARCHITECTURAL METALFORMERS**.

5mm MIN. GAP TO NOTCHED TURN-DOWN.

CONTINUOUS 5mm CORFLUTE BEARING STRIP TO ALL PURLINS. ALLOW AIR TO PASS THROUGH.



LINE OF TIMBER FRAMING TO ARCHITECTS SPECIFICATION.

SELECTED BREATHABLE ROOFING UNDERLAY BY **ARCHITECTURAL METALFORMERS** TURNS UP WALL FACE 200MM MIN.

NOTE: CAVITY BATTENS TO BE 45 X 45mm H3.1 TREATED CASTELLATED STRUCTURAL CAVITY BATTENS FIXED HORIZONTALLY @ 450mm MAX. CENTRES.

"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.



PROFILE TYPE:		Lockseam Apron Flashing (Option A)	
SCALE:	NTS	DRAWING NO.	LS-55
DATE:	2026	REVISION:	A

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

SELECTED BREATHER TYPE BUILDING WRAP TURNS OUT OVER APRON FLASHING.

45 X 65mm H3.1 TREATED CASTELLATED STRUCTURAL CAVITY BATTEN WITH 3mm FACE REBATE AS REQUIRED FOR CLADDING BUILDUP.

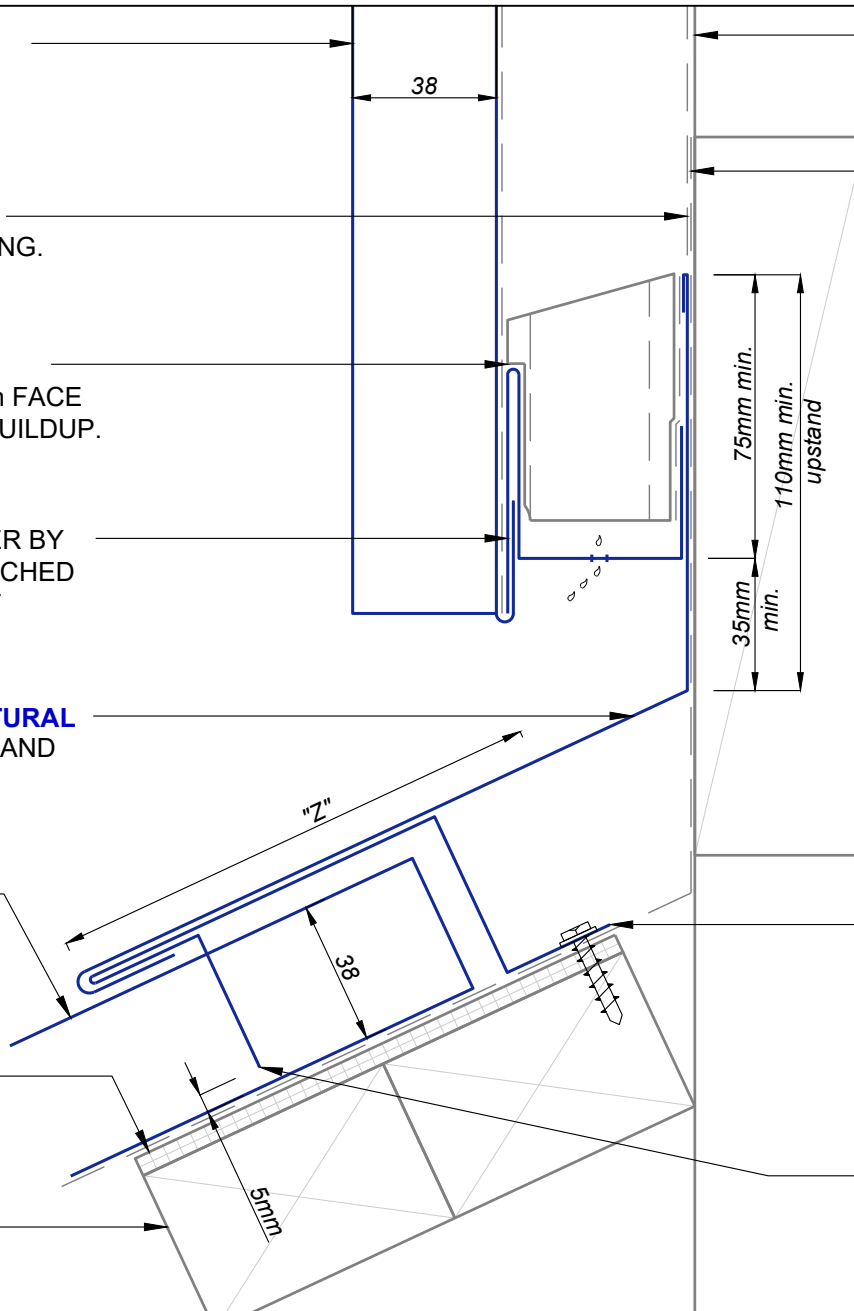
FOLDED CAVITY CLOSER/PANEL STARTER BY **ARCHITECTURAL METALFORMERS**. PUNCHED CAVITY CLOSER PROVIDING 1000mm² OF VENTILATION PER LINEAL METRE.

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

LOCK SEAM METAL ROOF PANELS BY **ARCHITECTURAL METALFORMERS**.

CONTINUOUS 5mm CORFLUTE BEARING STRIP TO ALL PURLINS.

DOUBLE TIMBER PURLINS TO ARCHITECTS SPECIFICATION.



LINE OF TIMBER FRAMING TO ARCHITECTS SPECIFICATION.

SELECTED BREATHABLE ROOFING UNDERLAY BY **ARCHITECTURAL METALFORMERS** TURNS UP WALL FACE 200mm MIN.

NOTE: CAVITY BATTENS TO BE 45 X 45mm H3.1 TREATED CASTELLATED STRUCTURAL CAVITY BATTENS FIXED HORIZONTALLY @ 450mm MAX. CENTRES.

"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.

5mm MIN. GAP TO NOTCHED TURN-DOWN.



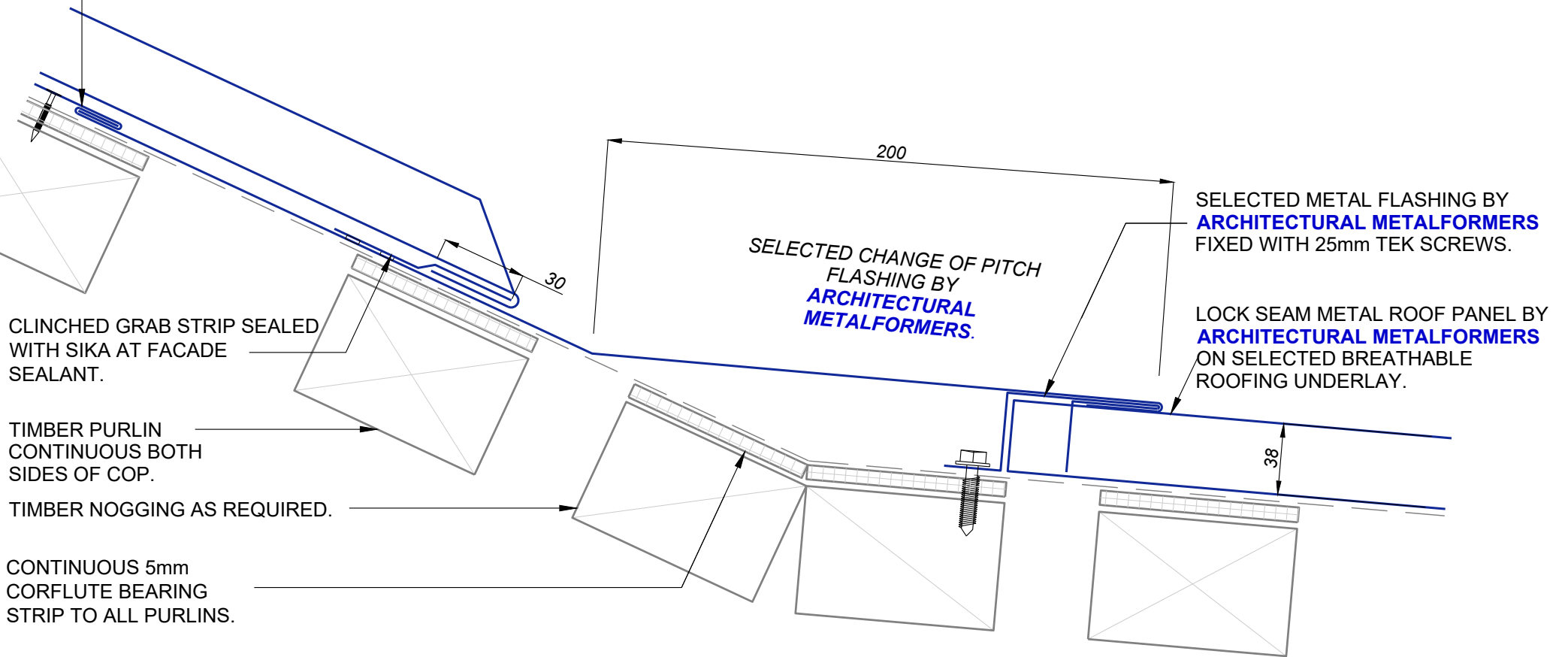
ARCHITECTURAL METALFORMERS



smart tray™ Roofing

PROFILE TYPE:		Lockseam Apron Flashing (Option B)	
SCALE:	NTS	DRAWING NO.	LS-56
DATE:	2026	REVISION:	A

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



ARCHITECTURAL
METALFORMERS



smart tray™ Roofing

PROFILE TYPE:

Lockseam
Change of Pitch Flashing

SCALE: NTS

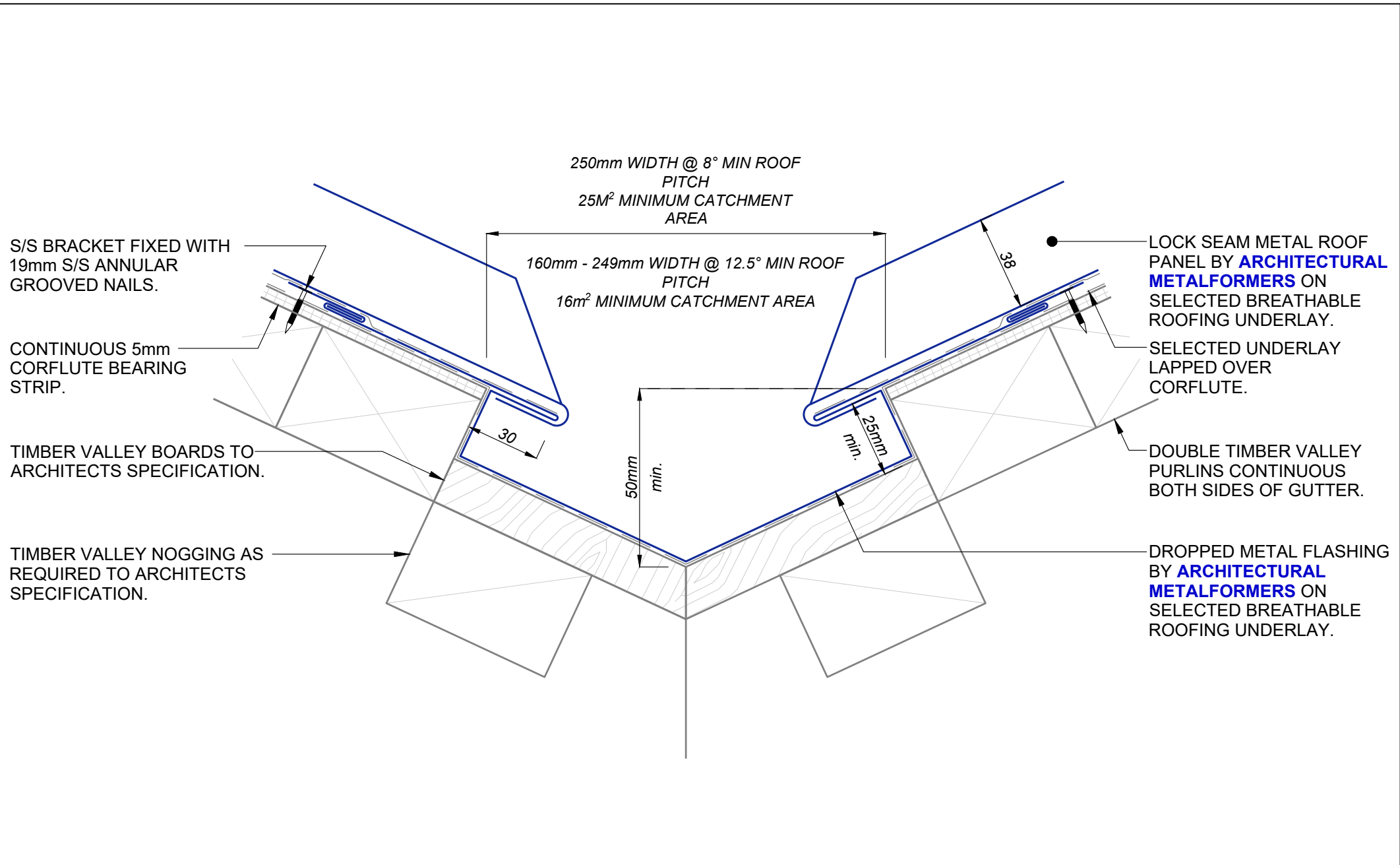
DRAWING NO.

REVISION:

DATE: 2026

LS-57

A



ARCHITECTURAL
METALFORMERS



smart tray™ Roofing

PROFILE TYPE:

Lockseam
Dropped Valley

SCALE:

NTS

DRAWING NO.

REVISION:

DATE:

2026

LS-58

A

SELECTED BREATHABLE ROOFING UNDERLAY.

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

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

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

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

30

38

CLINCHED GRAB STRIP SEALED
WITH SIKA AT FACADE SEALANT.

TIMBER VALLEY PURLIN
CONTINUOUS BOTH SIDES
OF GUTTER.

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



ARCHITECTURAL
METALFORMERS



smart tray™ Roofing

PROFILE TYPE:

Lockseam
Flat Valley

SCALE:

NTS

DRAWING NO.

REVISION:

DATE:

2026

LS-59

A