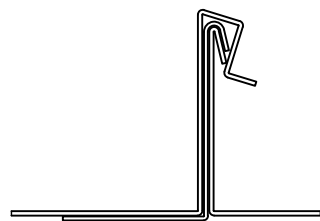
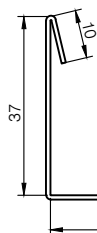


ISOMETRIC VIEW

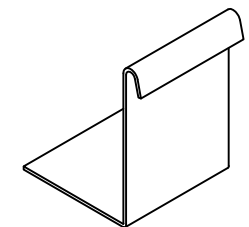
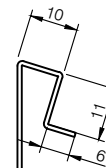


STANDING SEAM



CROSS SECTION

228 to 610 mm



FIXING CLIP



ARCHITECTURAL  
METALFORMERS

**smart tray™ Roofing & Cladding**

Profile Type:

**Lock Seam  
Smart Tray System Drawings**

Scale: NTS

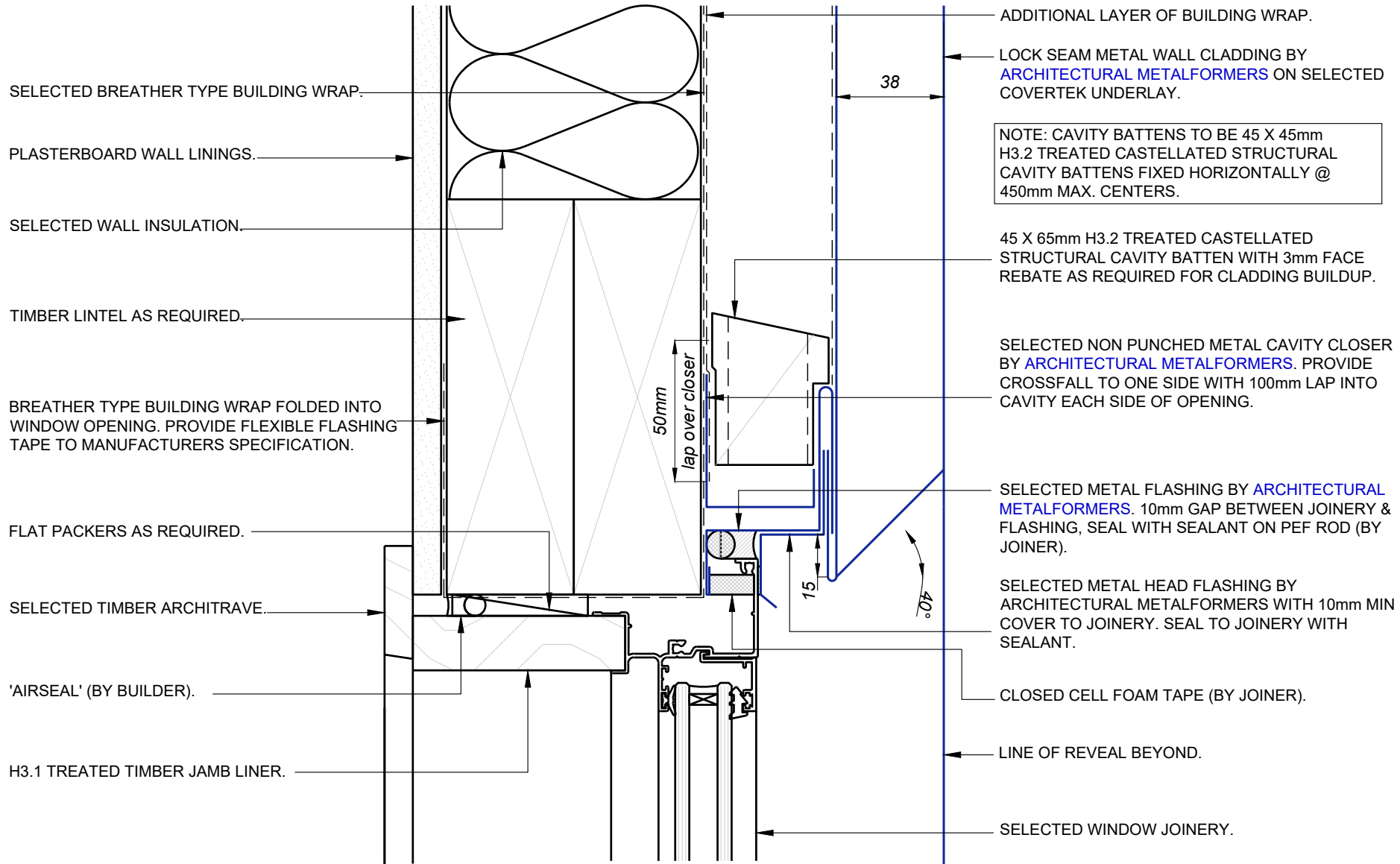
Drawing No.

Revision:

Date: 2025

**LS-01**

**A**



ADDITIONAL LAYER OF BUILDING WRAP.

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

NOTE: CAVITY BATTENS TO BE 45 X 45mm H3.2 TREATED CASTELLATED STRUCTURAL CAVITY BATTENS FIXED HORIZONTALLY @ 450mm MAX. CENTERS.

45 X 65mm H3.2 TREATED CASTELLATED STRUCTURAL CAVITY BATTEN WITH 3mm FACE REBATE AS REQUIRED FOR CLADDING BUILDUP.

SELECTED NON PUNCHED METAL CAVITY CLOSER BY ARCHITECTURAL METALFORMERS. PROVIDE CROSSFALL TO ONE SIDE WITH 100mm LAP INTO CAVITY EACH SIDE OF OPENING.

SELECTED METAL FLASHING BY ARCHITECTURAL METALFORMERS. 10mm GAP BETWEEN JOINERY & FLASHING, SEAL WITH SEALANT ON PEF ROD (BY JOINER).

SELECTED METAL HEAD FLASHING BY ARCHITECTURAL METALFORMERS WITH 10mm MIN COVER TO JOINERY. SEAL TO JOINERY WITH SEALANT.

CLOSED CELL FOAM TAPE (BY JOINER).

LINE OF REVEAL BEYOND.

SELECTED WINDOW JOINERY.



ARCHITECTURAL METALFORMERS

smart tray™ Roofing & Cladding

Profile Type:		Lock Seam Wall	
		<b>Head Detail</b>	
Scale:	NTS	Drawing No.	LS-02
Date:	2025	Revision:	A

Disclaimer: All details are to be used for indicative purposes only and the designer should consult both the MRM code of practice version 2.2 (2012, E2 and all other relevant building codes. Details of the supporting mechanisms are indicative only. Compliance of the supporting mechanisms is the responsibility of the designer. Construction detail can vary for wall cladding. The underlay is detailed as a single line for simplicity and is indicative only. Building paper type and method of installation should comply with underlay manufacturers recommendations and NZBC regulations.

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

PLASTERBOARD WALL LININGS.

FLAT PACKERS AS REQUIRED.

TIMBER UNDERSTUDS AS REQUIRED.

SELECTED BREATHER TYPE BUILDING WRAP.

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

65 X 42mm H3.2 TREATED CAVITY BATTEN, PACKED 3MM TO SUIT 45mm DEEP CAVITY.

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

SELECTED TIMBER ARCHITRAVE.

'AIRSEAL' (BY BUILDER).

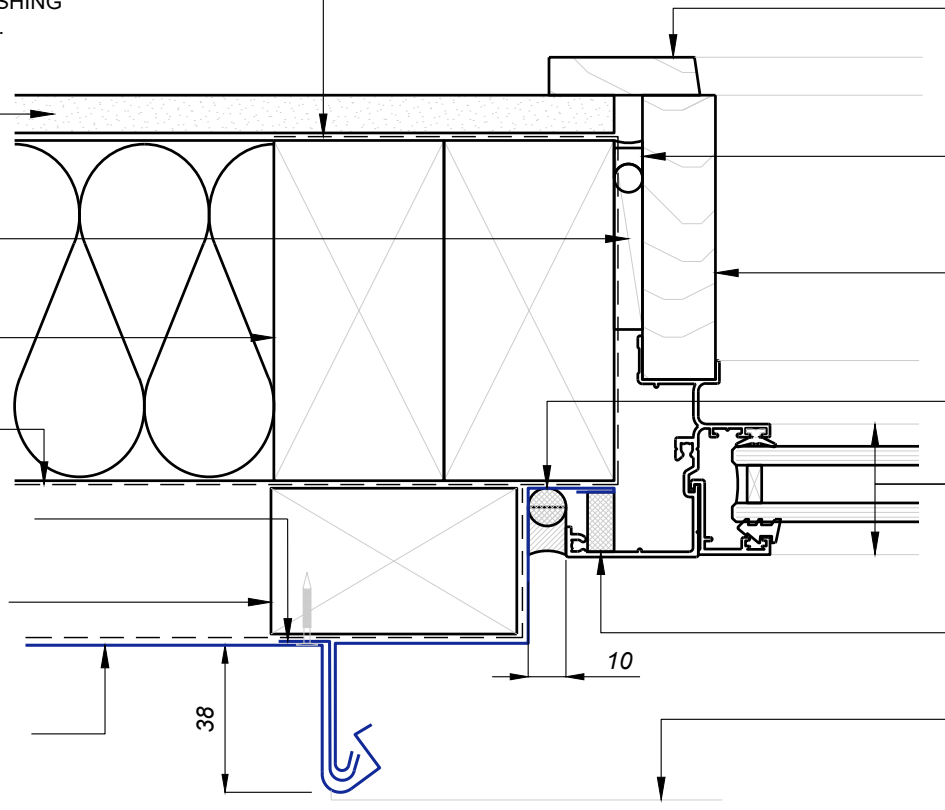
H3.1 TREATED TIMBER JAMB LINER.

10MM GAP BETWEEN JOINERY & FLASHING, SEAL WITH SEALANT ON PEF ROD (BY JOINER).

SELECTED WINDOW JOINERY.

CLOSED CELL FOAM TAPE (BY JOINER).

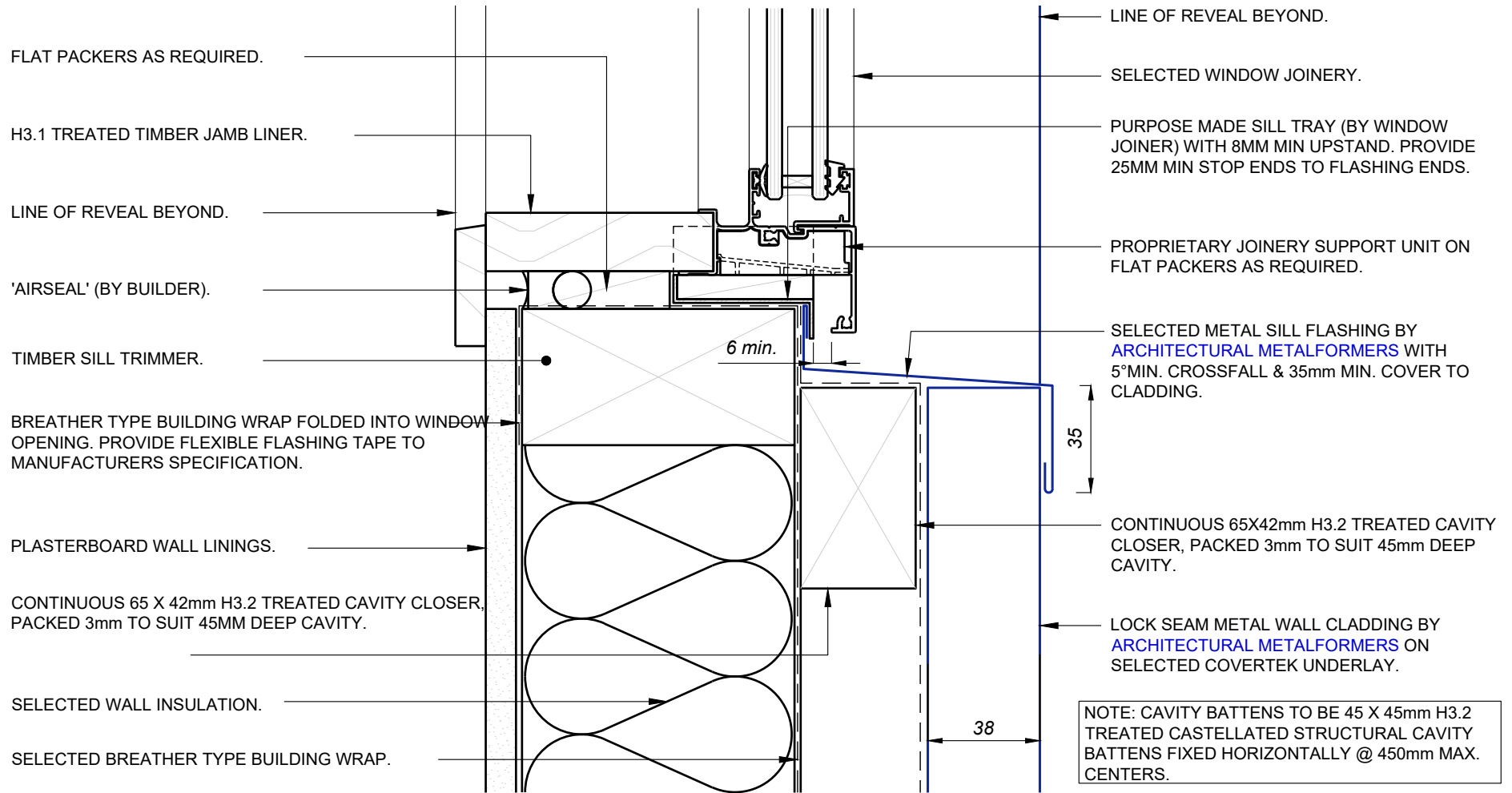
SILL LINE BELOW.



smart tray™ Roofing & Cladding

Profile Type:		Lock Seam Wall	
		<b>Jamb Detail</b>	
Scale:	NTS	Drawing No.	LS-03
Date:	2025	Revision:	A

Disclaimer: All details are to be used for indicative purposes only and the designer should consult both the MRM code of practice version 2.2 (2012, E2 and all other relevant building codes. Details of the supporting mechanisms are indicative only. Compliance of the supporting mechanisms is the responsibility of the designer. Construction detail can vary for wall cladding. The underlay is detailed as a single line for simplicity and is indicative only. Building paper type and method of installation should comply with underlay manufacturers recommendations and NZBC regulations.



ARCHITECTURAL  
METALFORMERS

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Profile Type:

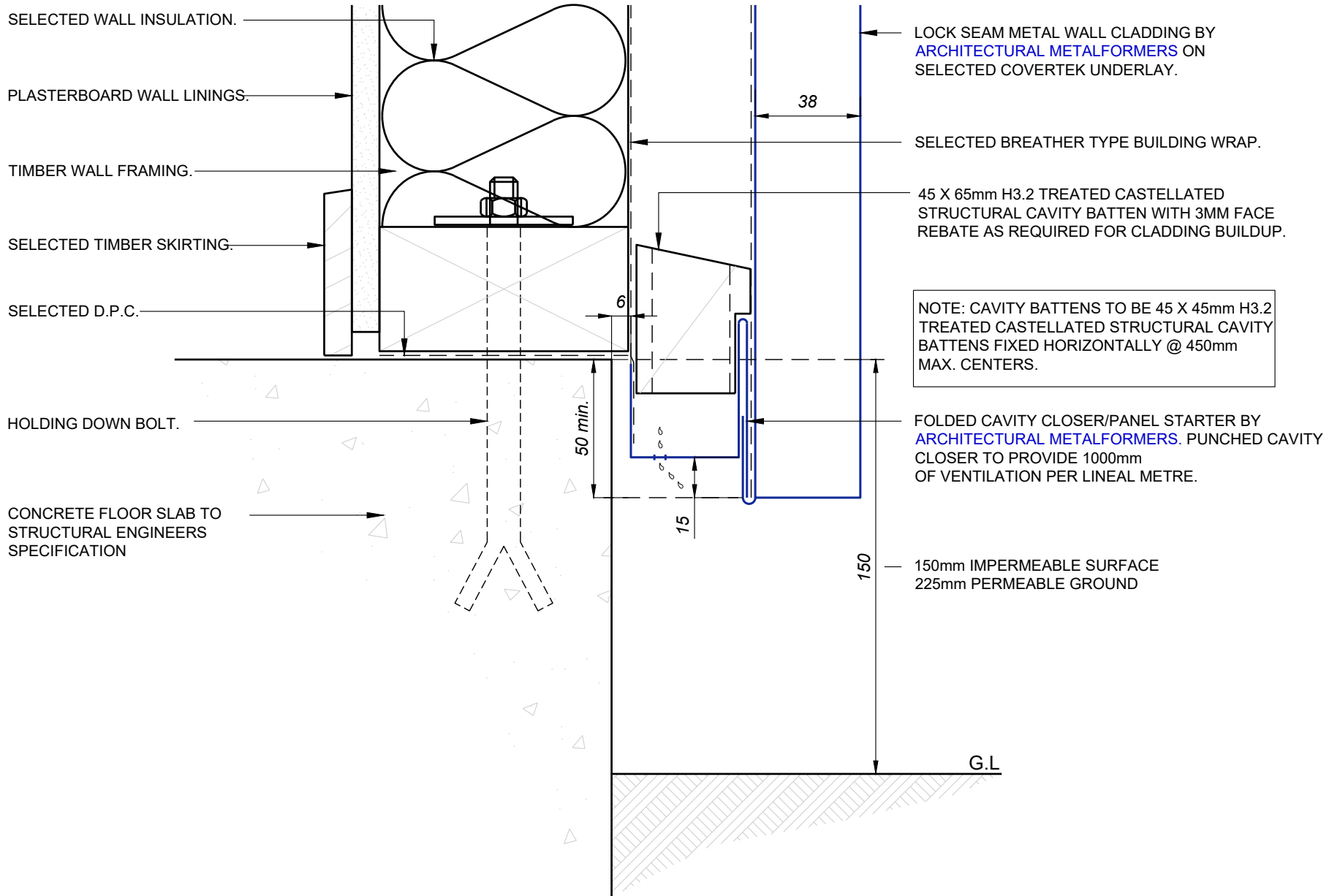
Lock Seam Wall  
Sill Detail

Scale: NTS  
Date: 2025

Drawing No.

LS-04 A

Revision:



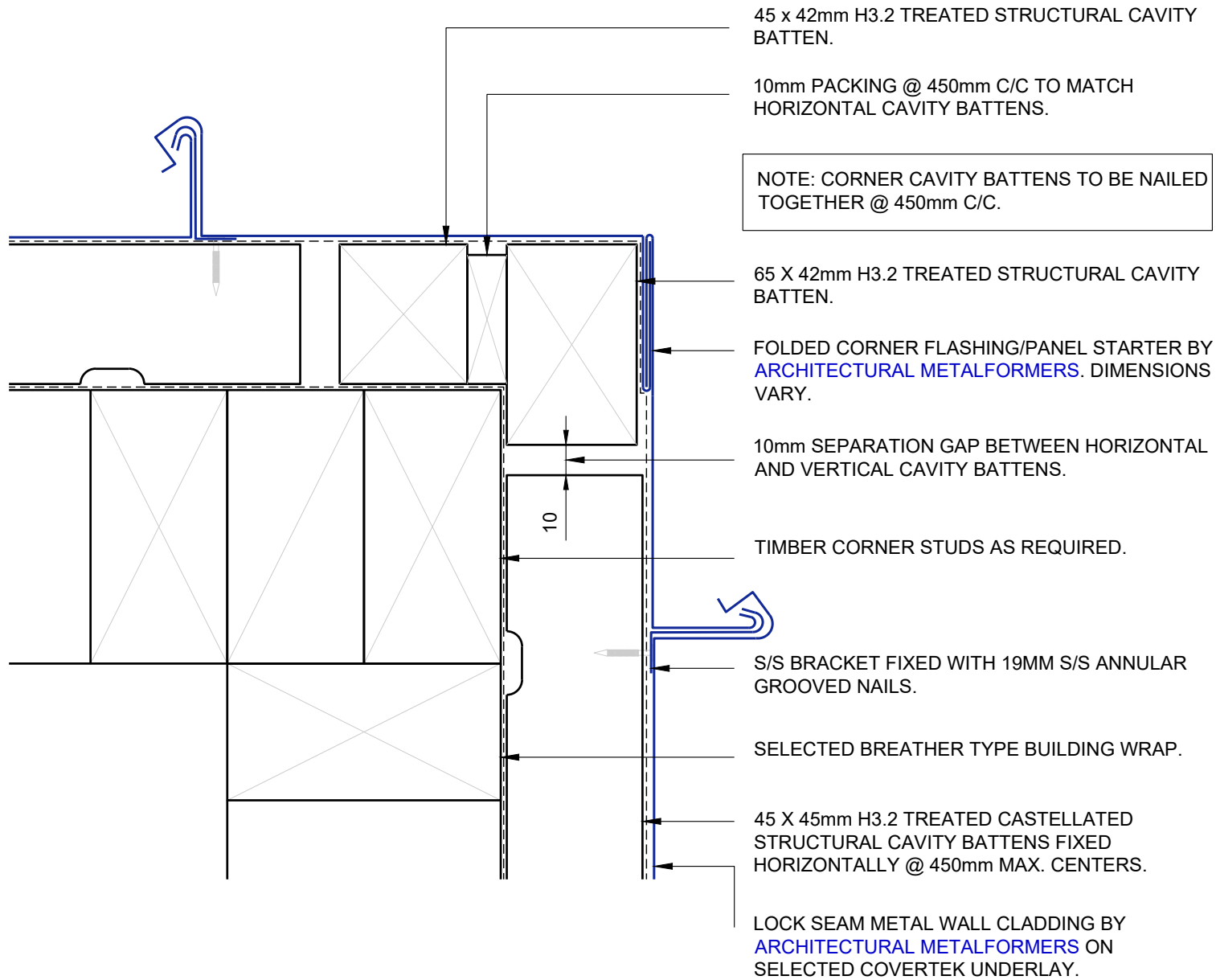
NOTE: CAVITY BATTENS TO BE 45 X 45mm H3.2 TREATED CASTELLATED STRUCTURAL CAVITY BATTENS FIXED HORIZONTALLY @ 450mm MAX. CENTERS.



smart tray™ Roofing & Cladding

Profile Type:		Lock Seam Wall Cladding Base Detail	
Scale:	NTS	Drawing No.	LS-05
Date:	2025	Revision:	A

Disclaimer: All details are to be used for indicative purposes only and the designer should consult both the MRM code of practice version 2.2 (2012, E2 and all other relevant building codes. Details of the supporting mechanisms are indicative only. Compliance of the supporting mechanisms is the responsibility of the designer. Construction detail can vary for wall cladding. The underlay is detailed as a single line for simplicity and is indicative only. Building paper type and method of installation should comply with underlay manufacturers recommendations and NZBC regulations.



ARCHITECTURAL  
METALFORMERS

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Profile Type:

Lock Seam Wall  
**External Corner Detail**

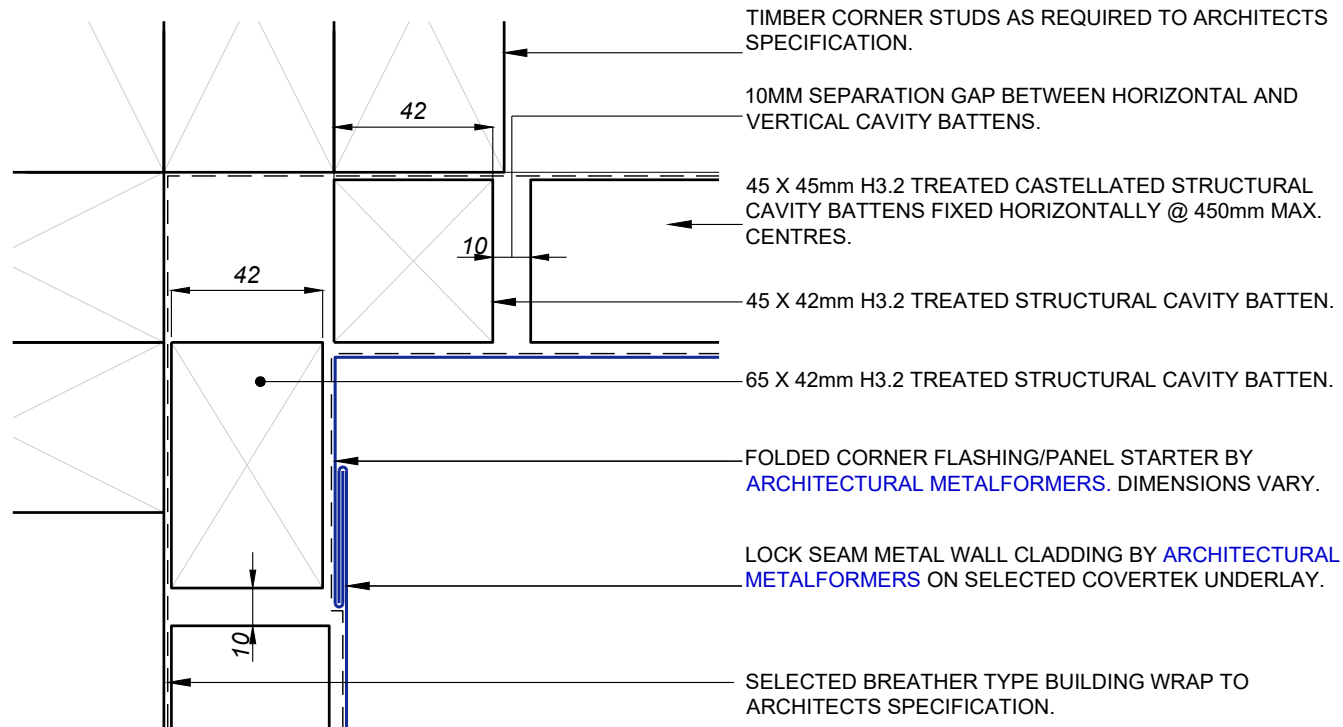
Scale: NTS  
Date: 2025

Drawing No.

LS-06

Revision:

A



ARCHITECTURAL  
METALFORMERS

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Profile Type:

Lock Seam Wall  
*Internal Corner Detail*

Scale:

1:2

Drawing No.

LS-07

Revision:

A

Date:

2025

TIMBER WALL FRAMING.

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

SELECTED BREATHER TYPE BUILDING WRAP.

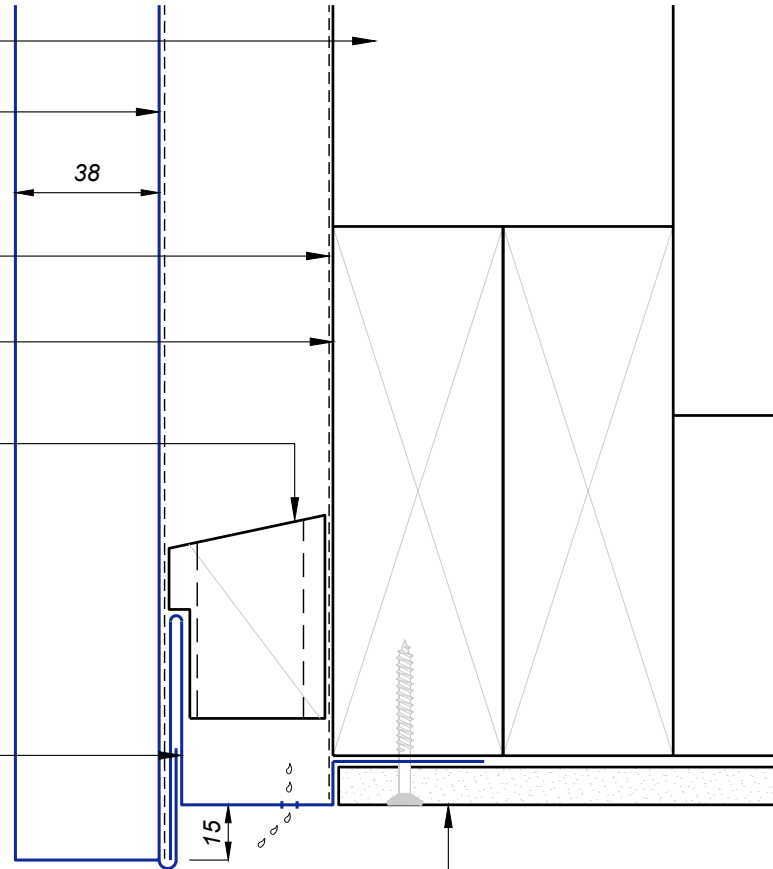
TIMBER LINTEL AS REQUIRED.

45 X 65mm H3.2 TREATED CASTELLATED STRUCTURAL CAVITY BATTEN WITH 3MM FACE REBATE AS REQUIRED FOR CLADDING BUILDUP.

NOTE: CAVITY BATTENS TO BE 45 X 45mm H3.2 TREATED CASTELLATED STRUCTURAL CAVITY BATTENS FIXED HORIZONTALLY @ 450mm MAX. CENTERS.

FOLDED CAVITY CLOSER/PANEL STARTER BY ARCHITECTURAL METALFORMERS. PUNCHED CAVITY CLOSER TO PROVIDE 1000mm<sup>2</sup> OF VENTILATION PER LINEAL METRE.

SELECTED SOFFIT LININGS FIXED TO ARCHITECT'S SPECIFICATION.



ARCHITECTURAL  
METALFORMERS

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Profile Type:

Lock Seam Wall  
Soffit Drip Edge

Scale: NTS

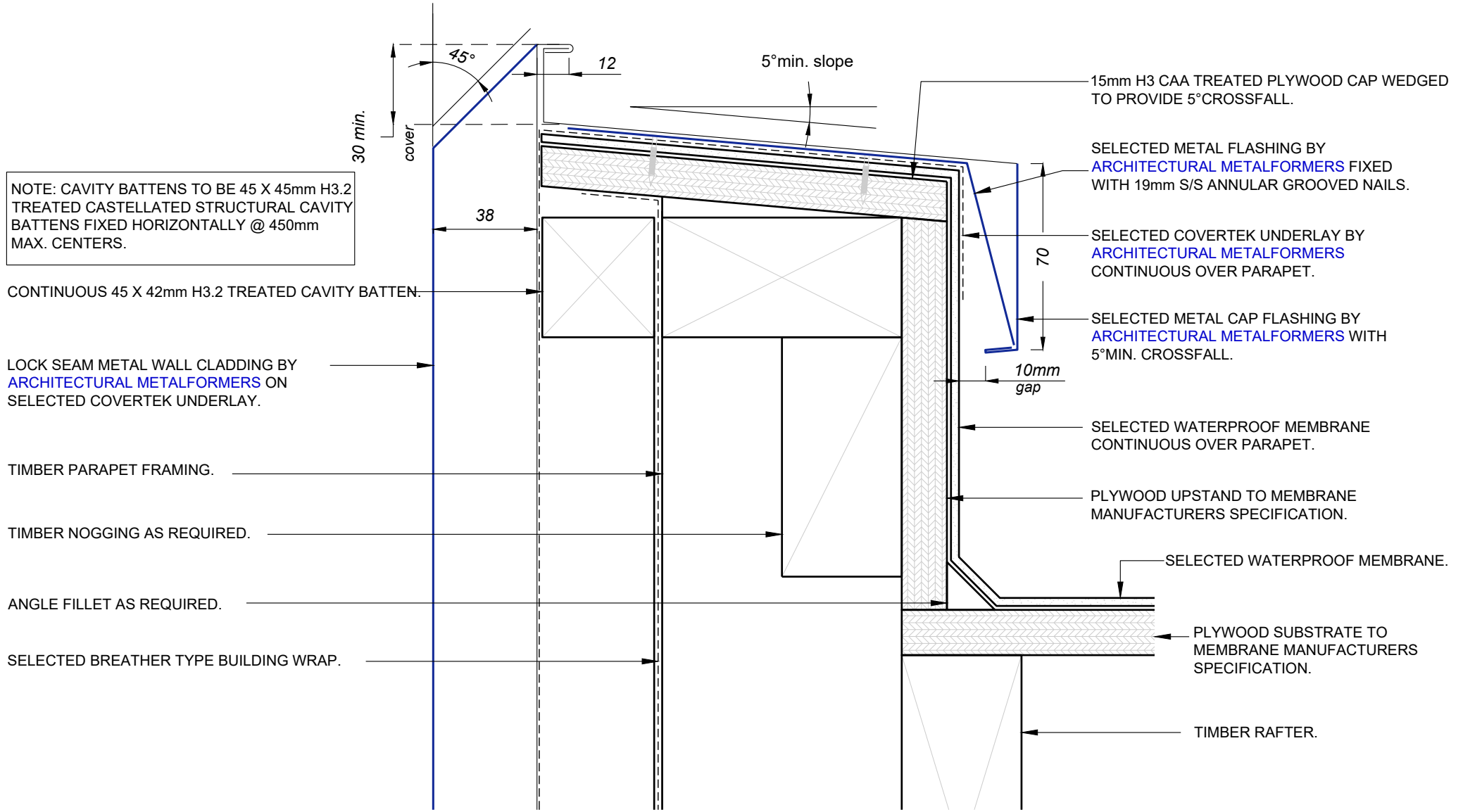
Drawing No.

Revision:

Date: 2025

LS-08

A



NOTE: CAVITY BATTENS TO BE 45 X 45mm H3.2 TREATED CASTELLATED STRUCTURAL CAVITY BATTENS FIXED HORIZONTALLY @ 450mm MAX. CENTERS.

CONTINUOUS 45 X 42mm H3.2 TREATED CAVITY BATTEN.

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

TIMBER PARAPET FRAMING.

TIMBER NOGGING AS REQUIRED.

ANGLE FILLET AS REQUIRED.

SELECTED BREATHER TYPE BUILDING WRAP.

15mm H3 CAA TREATED PLYWOOD CAP WEDGED TO PROVIDE 5° CROSSFALL.

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

SELECTED COVERTEK UNDERLAY BY ARCHITECTURAL METALFORMERS CONTINUOUS OVER PARAPET.

SELECTED METAL CAP FLASHING BY ARCHITECTURAL METALFORMERS WITH 5° MIN. CROSSFALL.

SELECTED WATERPROOF MEMBRANE CONTINUOUS OVER PARAPET.

PLYWOOD UPSTAND TO MEMBRANE MANUFACTURERS SPECIFICATION.

SELECTED WATERPROOF MEMBRANE.

PLYWOOD SUBSTRATE TO MEMBRANE MANUFACTURERS SPECIFICATION.

TIMBER RAFTER.



smart tray™ Roofing & Cladding

Profile Type:		Lock Seam Wall <i>Infinity Parapet Cap</i>	
Scale:	NTS	Drawing No.	LS-09
Date:	2025	Revision:	A

Disclaimer: All details are to be used for indicative purposes only and the designer should consult both the MRM code of practice version 2.2 (2012, E2 and all other relevant building codes. Details of the supporting mechanisms are indicative only. Compliance of the supporting mechanisms is the responsibility of the designer. Construction detail can vary for wall cladding. The underlay is detailed as a single line for simplicity and is indicative only. Building paper type and method of installation should comply with underlay manufacturers recommendations and NZBC regulations.

SELECTED METAL FLASHING BY ARCHITECTURAL METALFORMERS FIXED WITH 25mm TEK SCREWS.

NOTE: CAVITY BATTENS TO BE 45 X 45mm H3.2 TREATED CASTELLATED STRUCTURAL CAVITY BATTENS FIXED HORIZONTALLY @ 450mm MAX. CENTERS.

CONTINUOUS 45 X 45mm H3.2 TREATED CAVITY BATTEN.

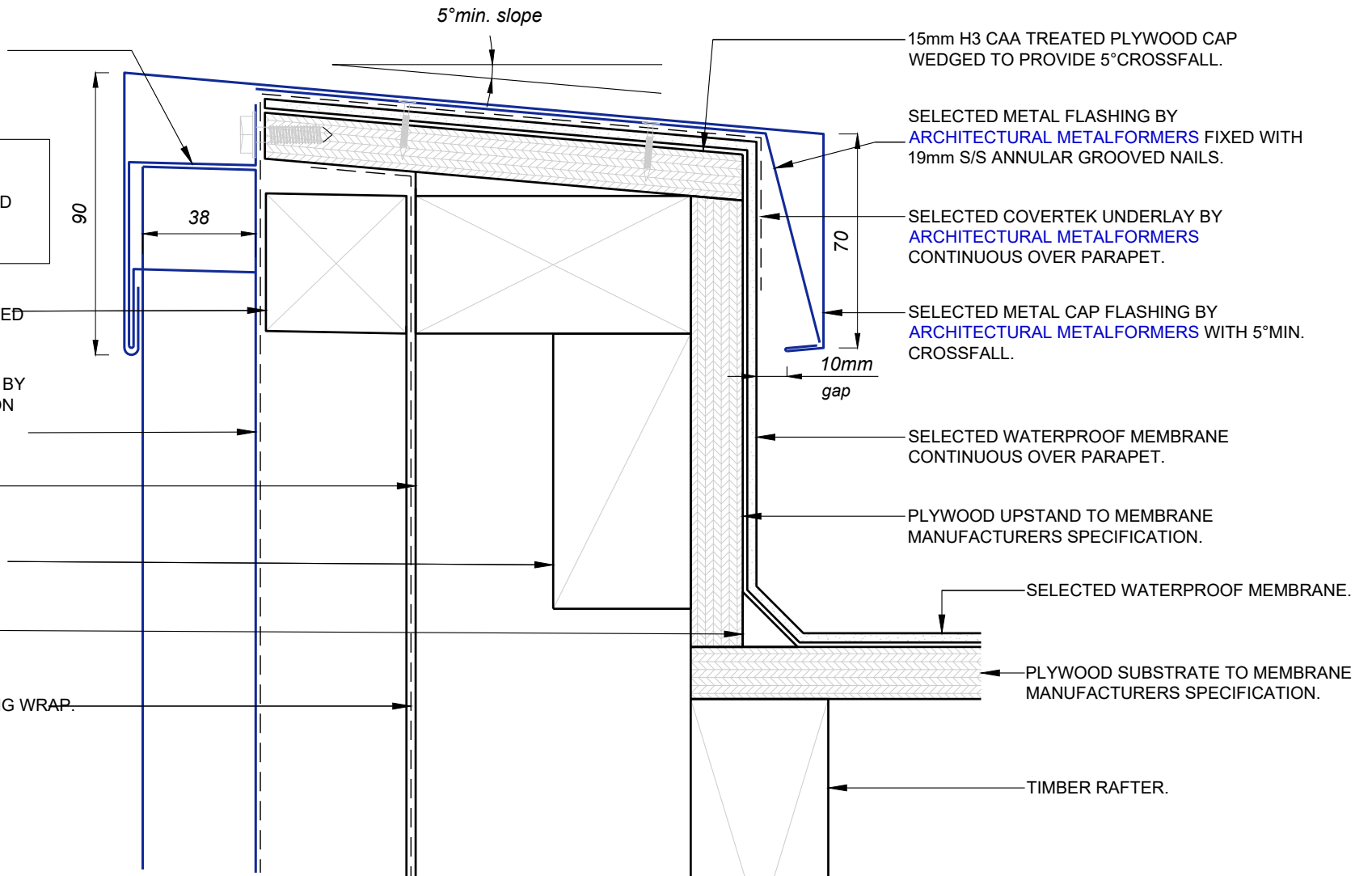
LOCK SEAM METAL WALL CLADDING BY ARCHITECTURAL METALFORMERS ON SELECTED COVERTEK UNDERLAY.

TIMBER PARAPET FRAMING.

TIMBER NOGGING AS REQUIRED.

ANGLE FILLET AS REQUIRED.

SELECTED BREATHER TYPE BUILDING WRAP.



15mm H3 CAA TREATED PLYWOOD CAP WEDGED TO PROVIDE 5° CROSSFALL.

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

SELECTED COVERTEK UNDERLAY BY ARCHITECTURAL METALFORMERS CONTINUOUS OVER PARAPET.

SELECTED METAL CAP FLASHING BY ARCHITECTURAL METALFORMERS WITH 5° MIN. CROSSFALL.

SELECTED WATERPROOF MEMBRANE CONTINUOUS OVER PARAPET.

PLYWOOD UPSTAND TO MEMBRANE MANUFACTURERS SPECIFICATION.

SELECTED WATERPROOF MEMBRANE.

PLYWOOD SUBSTRATE TO MEMBRANE MANUFACTURERS SPECIFICATION.

TIMBER RAFTER.



ARCHITECTURAL METALFORMERS

smart tray™ Roofing & Cladding

Profile Type:

Lock Seam Wall Parapet Cap

Scale: NTS  
Date: 2025

Drawing No.

LS-10

Revision:

A

SELECTED METAL FLASHING BY ARCHITECTURAL METALFORMERS FIXED WITH 25mm TEK SCREWS.

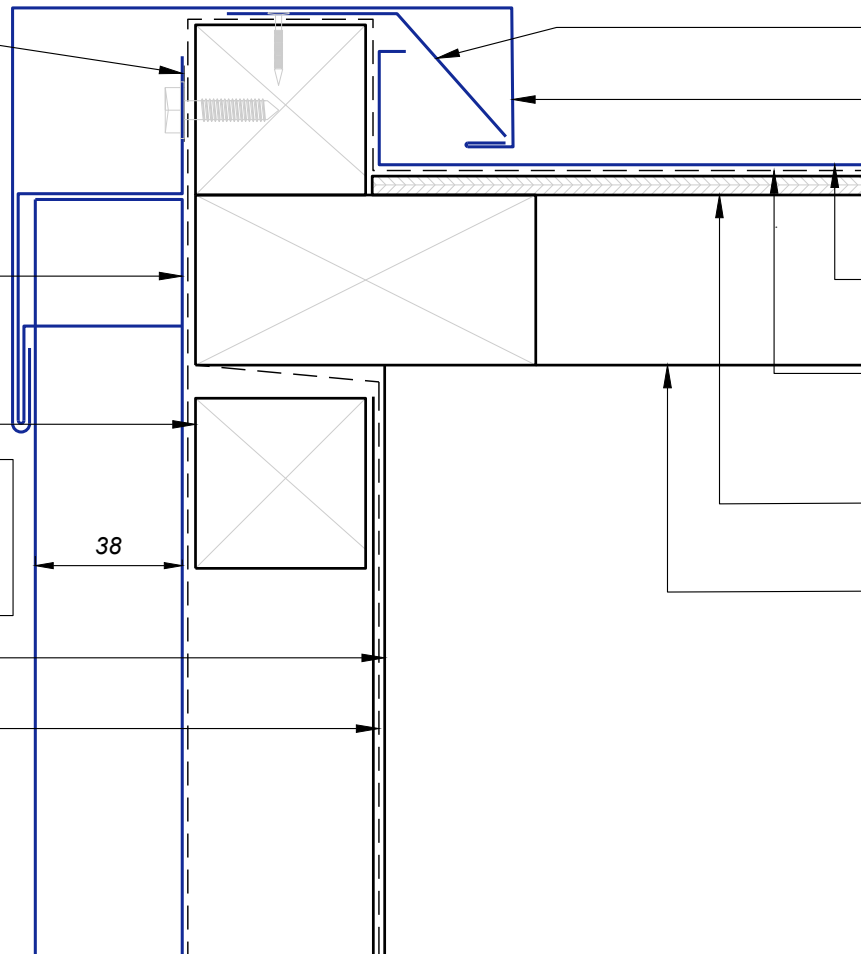
LOCK SEAM METAL WALL CLADDING BY ARCHITECTURAL METALFORMERS ON SELECTED COVERTEK UNDERLAY.

CONTINUOUS 45 X 45mm H3.2 TREATED CAVITY BATTEN.

NOTE: CAVITY BATTENS TO BE 45 X 45mm H3.2 TREATED CASTELLATED STRUCTURAL CAVITY BATTENS FIXED HORIZONTALLY @ 450mm MAX. CENTERS.

TIMBER PARAPET FRAMING.

SELECTED BREATHER TYPE BUILDING WRAP.



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

SELECTED METAL BARGE FLASHING BY ARCHITECTURAL METALFORMERS.

LOCK SEAM METAL ROOF CLADDING BY ARCHITECTURAL METALFORMERS ON SELECTED COVERTEK UNDERLAY.

SELECTED COVERTEK UNDERLAY BY ARCHITECTURAL METALFORMERS CONTINUOUS OVER PARAPET.

CONTINUOUS 5mm CORFLUTE BEARING STRIP TO ALL PURLINS.

TIMBER PURLINS



ARCHITECTURAL  
METALFORMERS

smart tray™ Roofing & Cladding

Profile Type:

Lock Seam Wall  
**Wall - Roof Transition (Detail A)**

Scale:

NTS

Drawing No.

Date:

2025

LS-11

Revision:

A

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

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

SELECTED METAL SPOUTING BY ARCHITECTURAL METALFORMERS LAID TO FALLS.

SELECTED UNDER-FLASHING BY ARCHITECTURAL METALFORMERS.

STANDING SEAM METAL WALL PANEL BY ARCHITECTURAL METALFORMERS ON SELECTED COVERTEK UNDERLAY.

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

CONTINUOUS 5mm CORFLUTE BEARING STRIP

DOUBLE TIMBER PURLINS WITH TO ARCHITECTS SPECIFICATION.

TIMBER RAFTER/TRUSS TO ARCHITECTS SPECIFICATION.

150 X 38MM H3.2 CAVITY BATTEN.

NOTE: CAVITY BATTENS TO BE 45 X 45mm H3.2 TREATED CASTELLATED STRUCTURAL CAVITY BATTENS FIXED HORIZONTALLY @ 450mm MAX. CENTERS.

CONTINUOUS 45 X 45mm H3.2 TREATED CAVITY BATTEN.

TIMBER PARAPET FRAMING.

SELECTED BREATHER TYPE BUILDING WRAP.



ARCHITECTURAL METALFORMERS

smart tray™ Roofing & Cladding

Profile Type:

Lock Seam Wall  
Wall - Roof Transition (Detail B)

Scale:

NTS

Drawing No.

Date:

2025

LS-12

Revision:

A