

SHED DETAILS - TRAPEZOIDAL

Typical Timber Shed Details

DETAIL LIST

		<u>Revision</u>	<u>Date</u>
00 / 16	COVER SHEET		
01 / 16	BASE FLASHING DETAIL	1.0	MAY 2026
02 / 16	TYPICAL APEX AND RIDGE	1.0	MAY 2026
03 / 16	TYPICAL BARGE DETAIL	1.0	MAY 2026
04 / 16	TYPICAL EXTERNAL CORNER JUNCTION	1.0	MAY 2026
05 / 16	TYPICAL INTERNAL CORNER JUNCTION	1.0	MAY 2026
06 / 16	TYPICAL HEEL / EAVE FLASHING DETAIL	1.0	MAY 2026
07 / 16	TYPICAL CHANGE IN PITCH ROOF JUNCTION	1.0	MAY 2026
08 / 16	TYPICAL ROOF WALL JUNCTION	1.0	MAY 2026
09 / 16	TYPICAL ROLLER DOOR HEAD DETAIL	1.0	MAY 2026
10 / 16	TYPICAL ROLLER DOOR JAMB	1.0	MAY 2026
11 / 16	TYPICAL DOOR SILL	1.0	MAY 2026
12 / 16	TYPICAL DOOR JAMB	1.0	MAY 2026
13 / 16	TYPICAL WINDOW HEAD	1.0	MAY 2026
14 / 16	TYPICAL WINDOW JAMB	1.0	MAY 2026
15 / 16	TYPICAL WINDOW SILL	1.0	MAY 2026
16 / 16	TYPICAL DOOR HEAD	1.0	MAY 2026

DETAILS TO BE USED ONLY FOR:

- UN-LINED
- UN-HABITABLE
- UN-INSULATED
- SHEDS ONLY

VERTICAL METALCRAFT WALL
TRAPEZOIDAL CLADDING

PRE-FINISHED SELF TAPPING/DRILLING
SCREW WITH RUBBER WASHER

TRAPEZOIDAL CLADDING POSITIONED
50mm BELOW FFL 6mm MIN CAPILLARY
GAP TO SLAB EDGE WITH PRE-FINISHED
VERMIN PROOF BASE CLOSURE
FLASHING. FIX TO FIRST WALL

NON-PERMEABLE AND NON-
ABSORBENT WALL UNDERLAY, SHOWN
DASHED - OPTIONAL REFER NOTE

STRUCTURE BY OTHERS

CONCRETE FLOOR SLAB
BY OTHERS

FFL

50 mm

155mm MIN

3-5mm

NOTE:
Underlays are not required in unlined structures, but in such cases non-
permeable, non-absorbent underlays such as foil are typically used to
increase reflectivity and to minimise condensation. Refer NZMRM COP.
If underlay is omitted then separation is required between steel and
timber framing. The backer of COLORSTEEL is not a barrier paint and is
moisture permeable.

DISCLAIMER:
All details are to be used for indicative purposes only and the designer should consult both the NZMRM
code of practice version, 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.

SHED DETAILS -
TRAPEZOIDAL

Rev. 1.0

Reference SCTR TB

Date MAY 2026

BASE FLASHING DETAIL

SHED DETAILS - TIMBER

Scale 1 : 2

Sheet 01 / 16

STOP ENDS TO ROOF
TRAPEZOIDAL CLADDING

METALCRAFT ROOF
TRAPEZOIDAL CLADDING

NON-PERMEABLE AND NON-
ABSORBENT ROOF UNDERLAY,
SHOWN DASHED - OPTIONAL
REFER NOTE

SOFT EDGE DRESSED
OVER TRAPEZOIDAL
CREST

PRE-FINISHED RIDGE CAP FLASHING

PRE-FINISHED SELF
TAPPING/DRILLING SCREW
WITH RUBBER WASHER

200MM MIN

200MM MIN

MESH, AS REQUIRED

STRUCTURE BY OTHERS

ALTERNATIVE

TIMBER PURLIN

NOTE:
Underlays are not required in unlined structures, but in such cases non-
permeable, non-absorbent underlays such as foil are typically used to
increase reflectivity and to minimise condensation. Refer NZMRM COP.
If underlay is omitted then separation is required between steel and
timber framing. The backer of COLORSTEEL is not a barrier paint and is
moisture permeable.

DISCLAIMER:
All details are to be used for indicative purposes only and the designer should consult both the NZMRM
code of practice version, 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.

SHED DETAILS -
TRAPEZOIDAL

Rev. 1.0

TYPICAL APEX AND RIDGE

SHED DETAILS - TIMBER

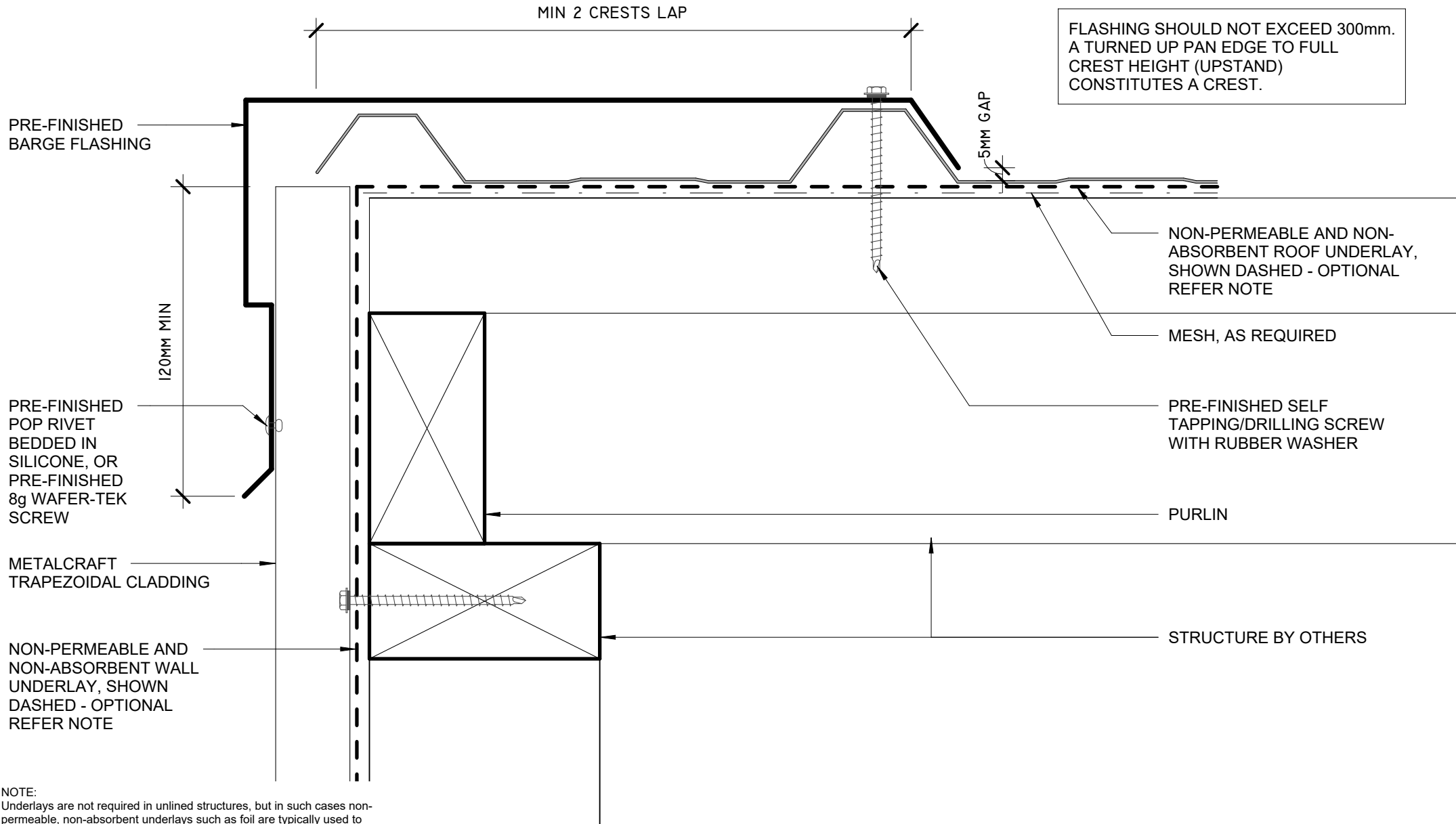
Reference SCTR TB

Date MAY 2026

Scale 1 : 2

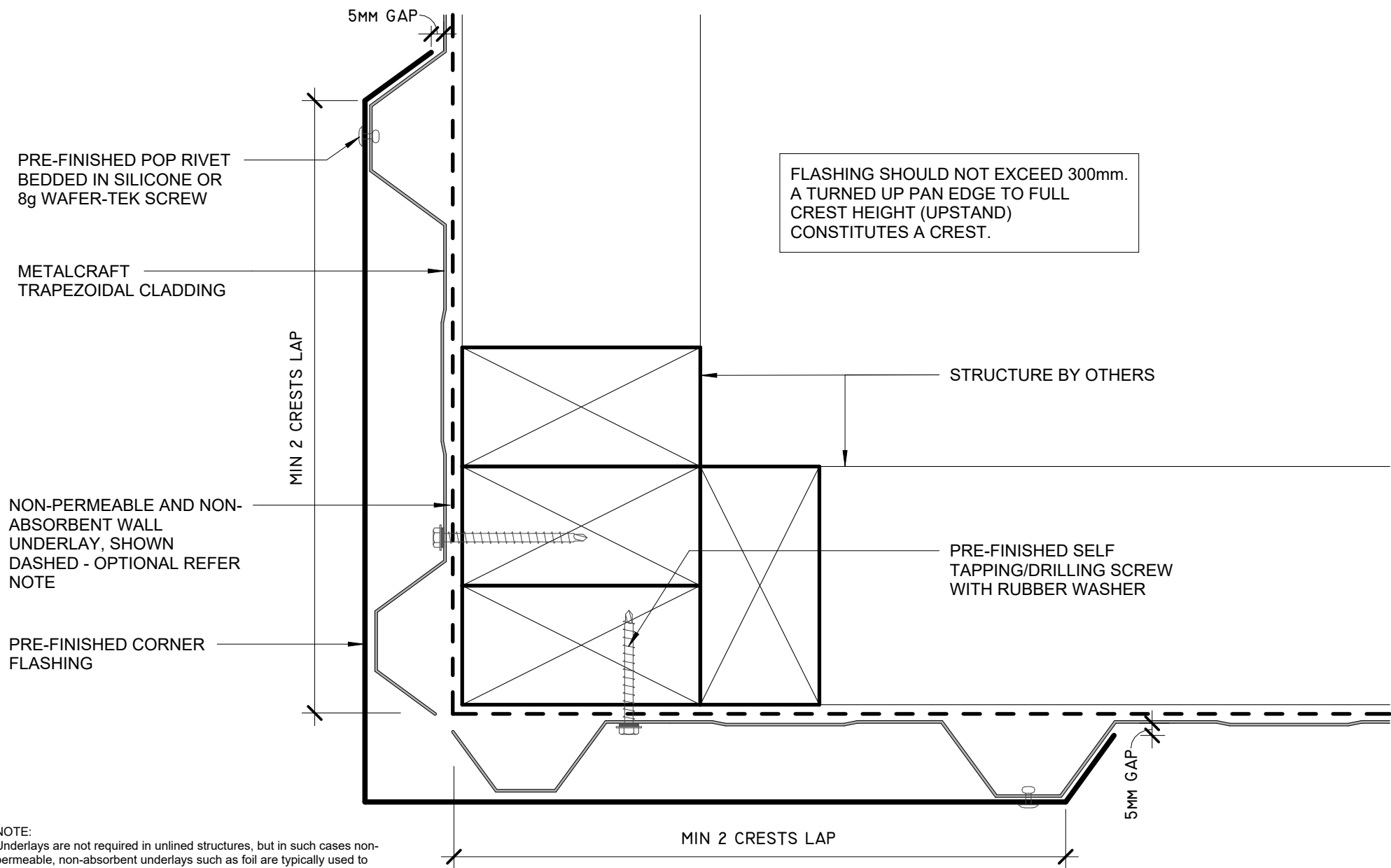
Sheet 02 / 16

Metalcraft
Roofing
www.metalcraftgroup.co.nz



FLASHING SHOULD NOT EXCEED 300mm. A TURNED UP PAN EDGE TO FULL CREST HEIGHT (UPSTAND) CONSTITUTES A CREST.

NOTE:
Underlays are not required in unlined structures, but in such cases non-permeable, non-absorbent underlays such as foil are typically used to increase reflectivity and to minimise condensation. Refer NZMRM COP. If underlay is omitted then separation is required between steel and timber framing. The backer of COLORSTEEL is not a barrier paint and is moisture permeable.



FLASHING SHOULD NOT EXCEED 300mm. A TURNED UP PAN EDGE TO FULL CREST HEIGHT (UPSTAND) CONSTITUTES A CREST.

PRE-FINISHED POP RIVET BEDDED IN SILICONE OR 8g WAFER-TEK SCREW

METALCRAFT TRAPEZOIDAL CLADDING

MIN 2 CRESTS LAP

NON-PERMEABLE AND NON-ABSORBENT WALL UNDERLAY, SHOWN DASHED - OPTIONAL REFER NOTE

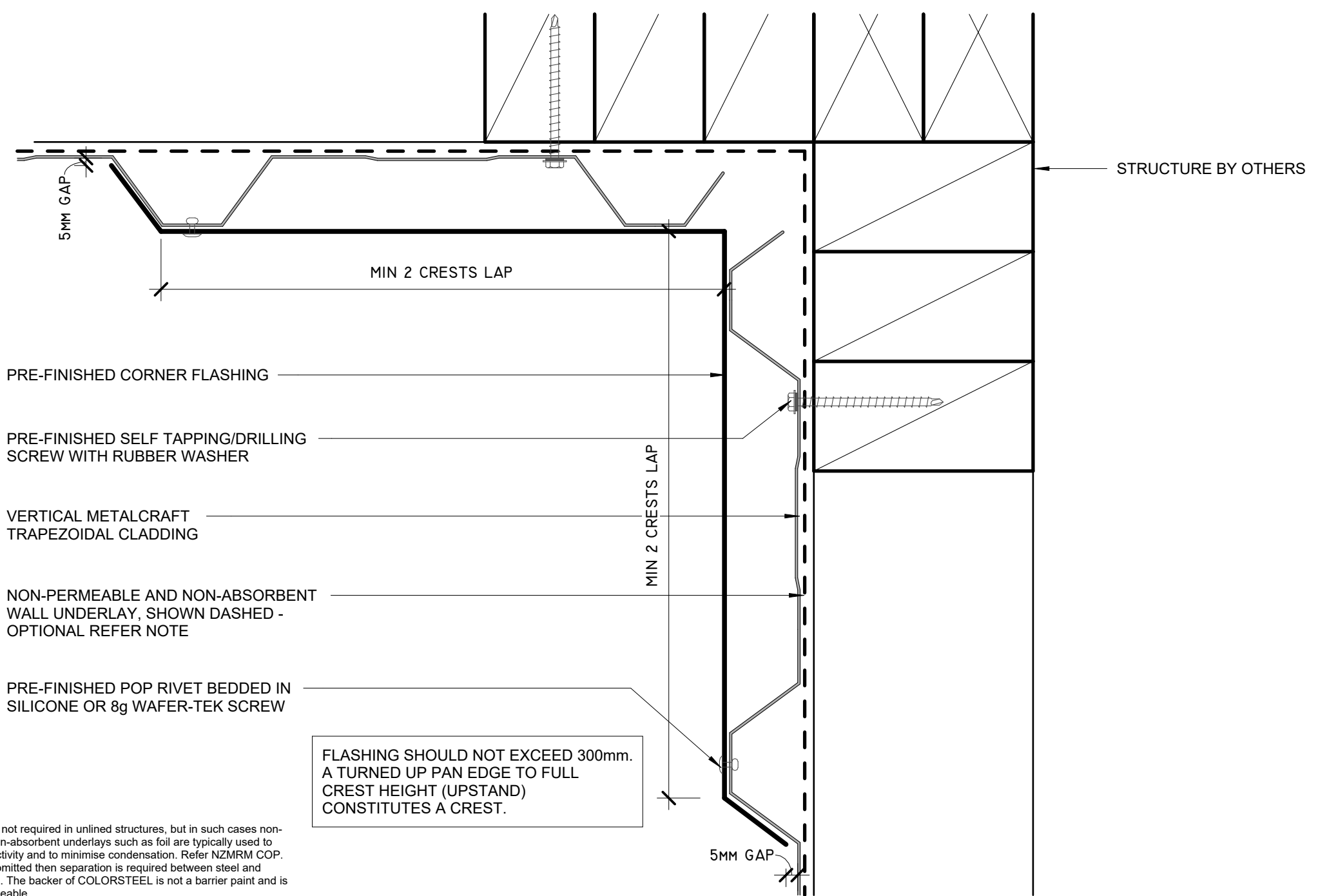
PRE-FINISHED CORNER FLASHING

STRUCTURE BY OTHERS

PRE-FINISHED SELF TAPPING/DRILLING SCREW WITH RUBBER WASHER

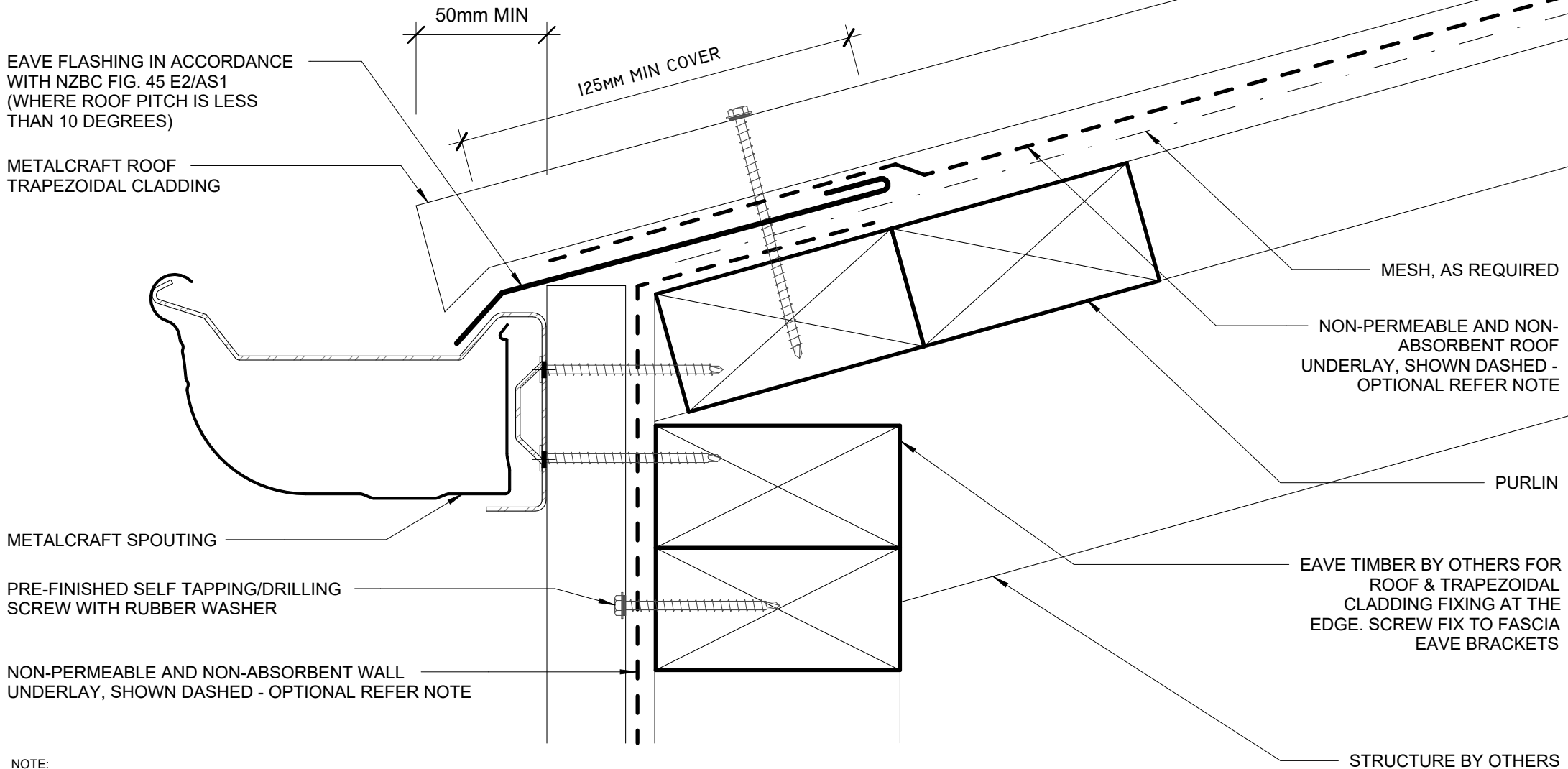
MIN 2 CRESTS LAP

NOTE:
Underlays are not required in unlined structures, but in such cases non-permeable, non-absorbent underlays such as foil are typically used to increase reflectivity and to minimise condensation. Refer NZMRM COP. If underlay is omitted then separation is required between steel and timber framing. The backer of COLORSTEEL is not a barrier paint and is moisture permeable.



NOTE:
Underlays are not required in inlined structures, but in such cases non-permeable, non-absorbent underlays such as foil are typically used to increase reflectivity and to minimise condensation. Refer NZMRM COP. If underlay is omitted then separation is required between steel and timber framing. The backer of COLORSTEEL is not a barrier paint and is moisture permeable.

FLASHING SHOULD NOT EXCEED 300mm.
A TURNED UP PAN EDGE TO FULL
CREST HEIGHT (UPSTAND)
CONSTITUTES A CREST.



NOTE:
Underlays are not required in unlined structures, but in such cases non-permeable, non-absorbent underlays such as foil are typically used to increase reflectivity and to minimise condensation. Refer NZMRM COP. If underlay is omitted then separation is required between steel and timber framing. The backer of COLORSTEEL is not a barrier paint and is moisture permeable.

PRE-FINISHED CHANGE IN PITCH FLASHING

PRE-FINISHED SELF TAPPING/DRILLING SCREW WITH RUBBER WASHER

200MM MIN

10MM MIN

250MM MIN COVER

MESH, AS REQUIRED

PURLIN

NON-PERMEABLE AND NON-ABSORBENT ROOF UNDERLAY, SHOWN DASHED - OPTIONAL REFER NOTE

STRUCTURE BY OTHERS

SOFT EDGE DRESSED OVER TRAPEZOIDAL CREST

NOTE:
Underlays are not required in unlined structures, but in such cases non-permeable, non-absorbent underlays such as foil are typically used to increase reflectivity and to minimise condensation. Refer NZMRM COP. If underlay is omitted then separation is required between steel and timber framing. The backer of COLORSTEEL is not a barrier paint and is moisture permeable.

DISCLAIMER:
All details are to be used for indicative purposes only and the designer should consult both the NZMRM code of practice version, 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.

TYPICAL CHANGE IN PITCH ROOF JUNCTION

SHED DETAILS - TRAPEZOIDAL

Rev. 1.0

SHED DETAILS - TIMBER

Reference SCTR TB

Date MAY 2026

Scale 1 : 2

Sheet 07 / 16

Metalcraft
Roofing
www.metalcraftgroup.co.nz

NON-PERMEABLE AND NON-ABSORBENT WALL UNDERLAY TO LAP OVER APRON FLASHING, SHOWN DASHED - OPTIONAL REFER NOTE

PRE-FINISHED SELF TAPPING/DRILLING SCREW WITH RUBBER WASHER

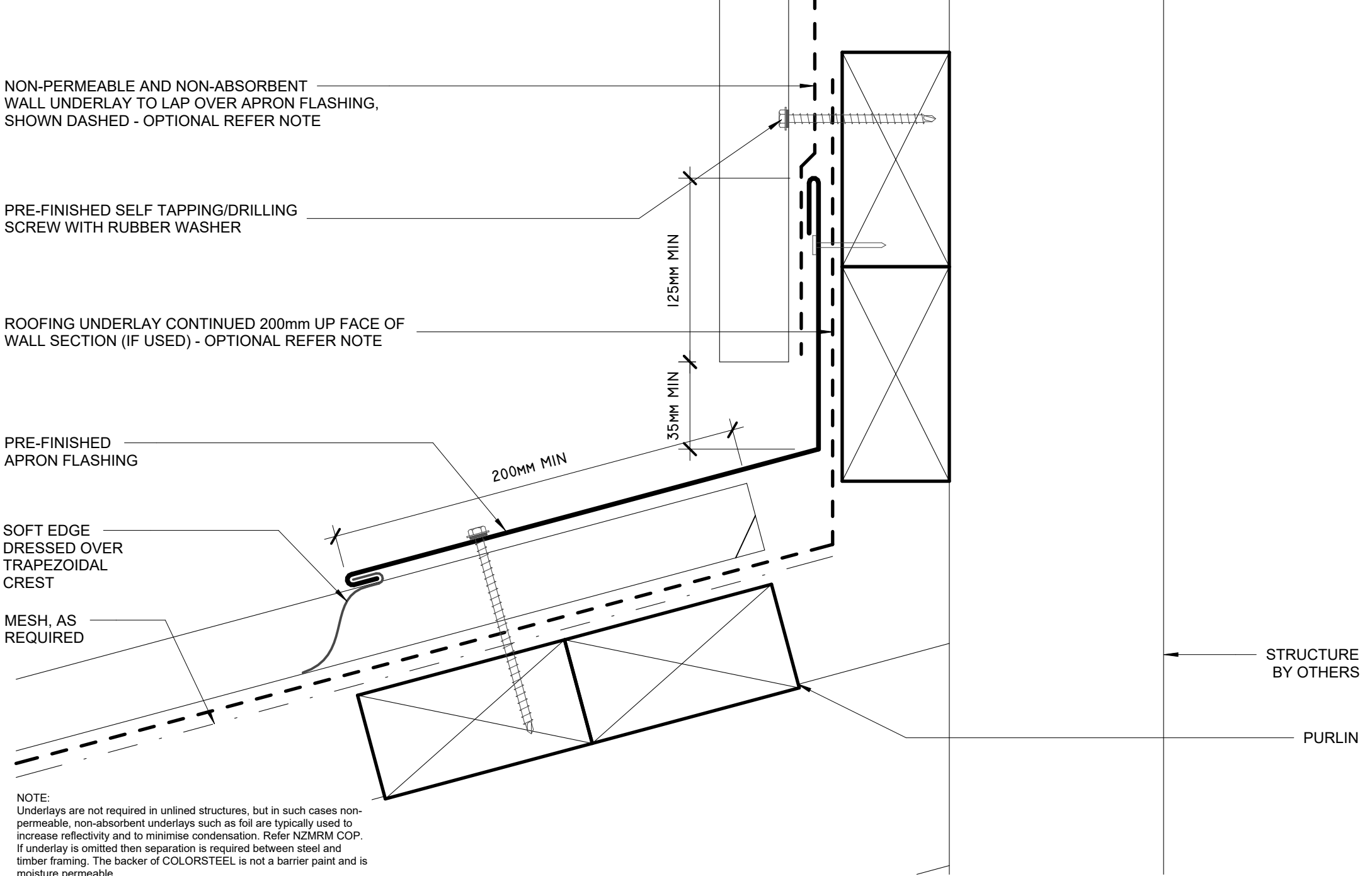
ROOFING UNDERLAY CONTINUED 200mm UP FACE OF WALL SECTION (IF USED) - OPTIONAL REFER NOTE

PRE-FINISHED APRON FLASHING

SOFT EDGE DRESSED OVER TRAPEZOIDAL CREST

MESH, AS REQUIRED

NOTE:
Underlays are not required in unlined structures, but in such cases non-permeable, non-absorbent underlays such as foil are typically used to increase reflectivity and to minimise condensation. Refer NZMRM COP. If underlay is omitted then separation is required between steel and timber framing. The backer of COLORSTEEL is not a barrier paint and is moisture permeable.



STRUCTURE BY OTHERS

PURLIN

TYPICAL ROOF WALL JUNCTION

PRE-FINISHED SELF TAPPING/DRILLING SCREW WITH RUBBER WASHER

VERTICAL METALCRAFT TRAPEZOIDAL CLADDING

LAP NON-PERMEABLE AND NON-ABSORBENT WALL UNDERLAY LAPPED OVERHEAD FLASHING, SHOWN DASHED - OPTIONAL REFER NOTE

PRE-FINISHED DOOR HEAD FLASHING

PRE-FINISHED DOOR HEAD FLASHING CAPPING

DPC SEPARATION

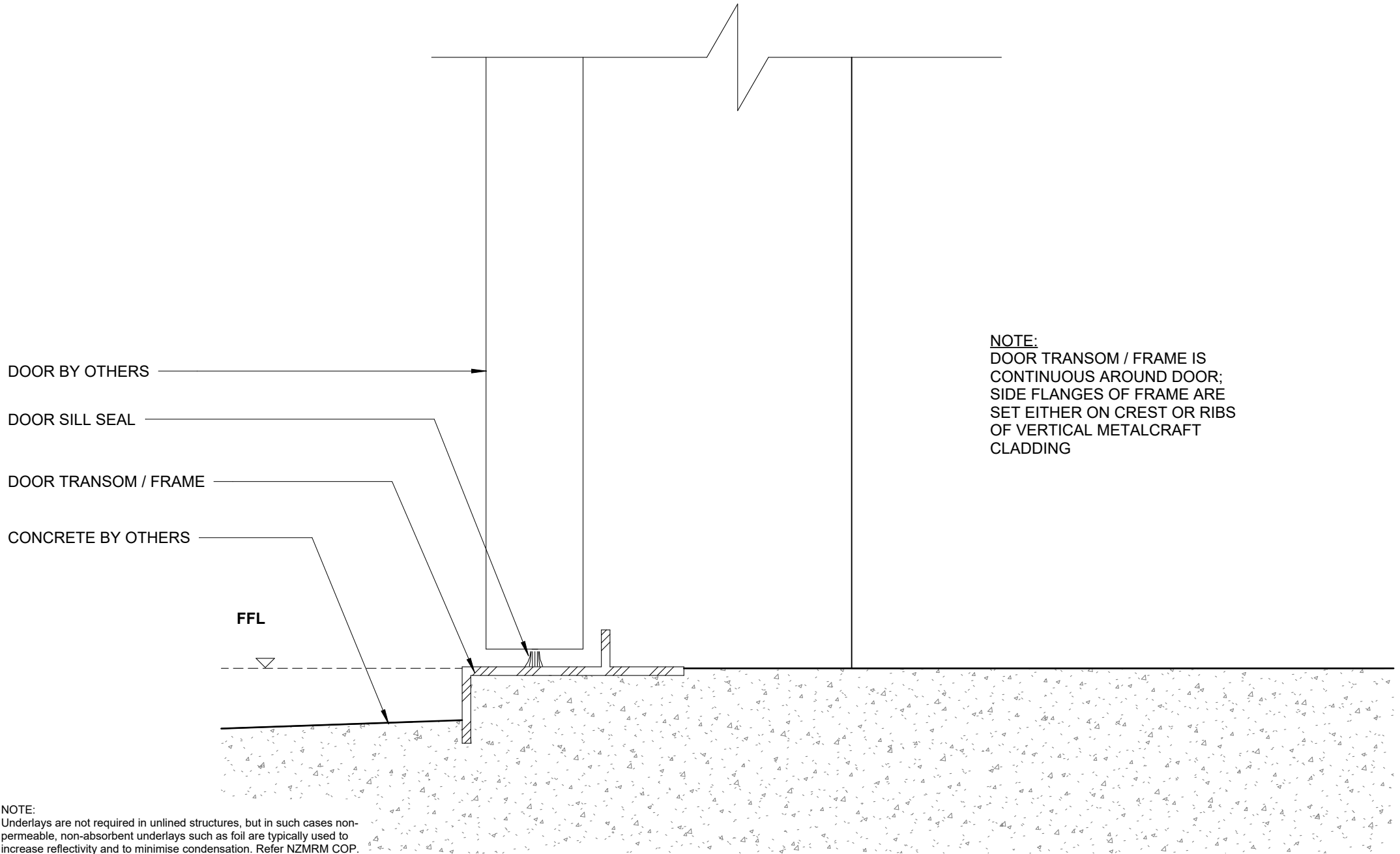
DOOR HEAD TIMBER

ROLLER DOOR BY OTHERS

50MM MIN
50MM MIN
5MM MIN

NOTE:
Underlays are not required in inlined structures, but in such cases non-permeable, non-absorbent underlays such as foil are typically used to increase reflectivity and to minimise condensation. Refer NZMRM COP. If underlay is omitted then separation is required between steel and timber framing. The backer of COLORSTEEL is not a barrier paint and is moisture permeable.

DISCLAIMER:
All details are to be used for indicative purposes only and the designer should consult both the NZMRM code of practice version, 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.



DOOR BY OTHERS

DOOR SILL SEAL

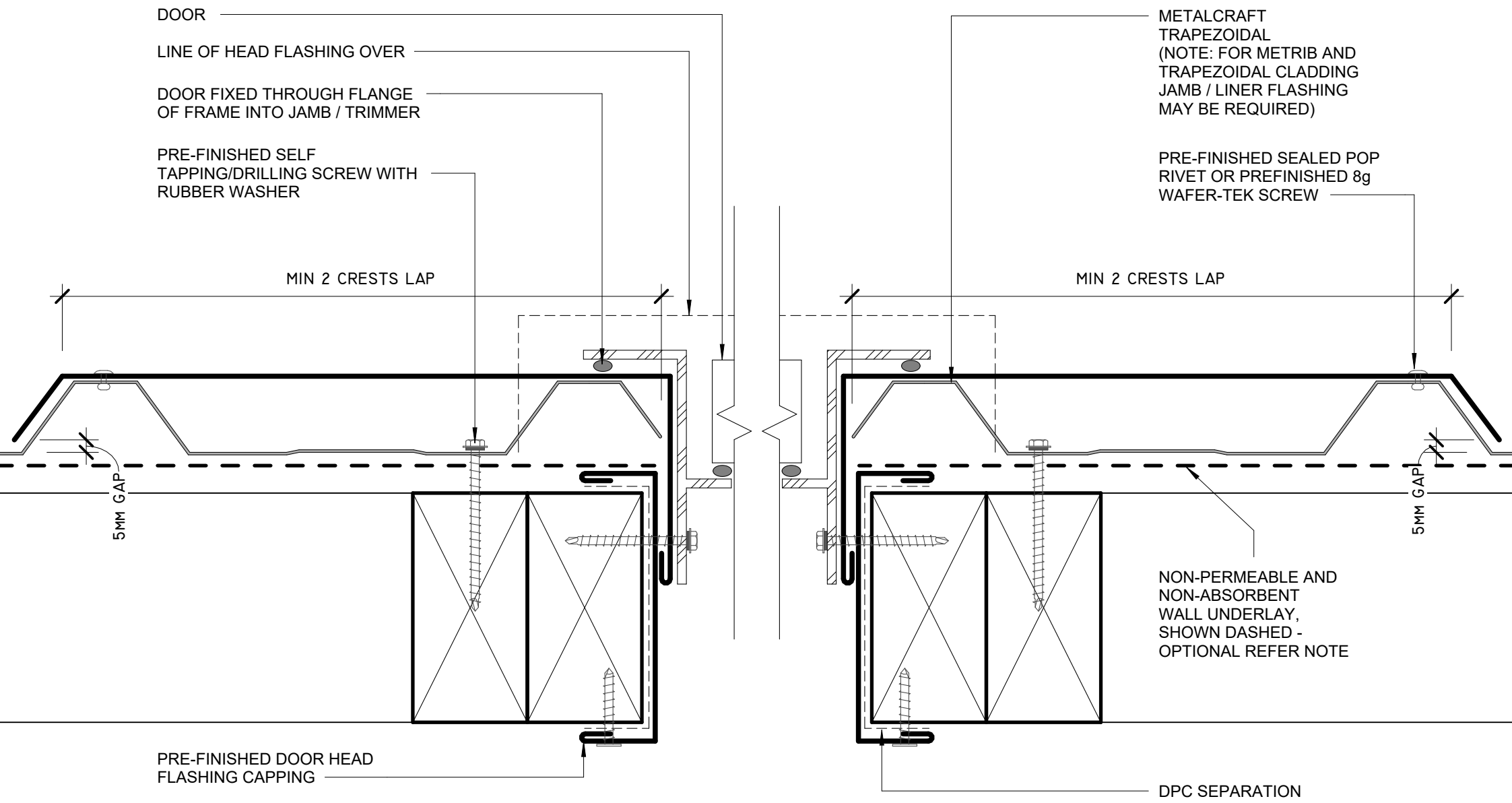
DOOR TRANSOM / FRAME

CONCRETE BY OTHERS

FFL

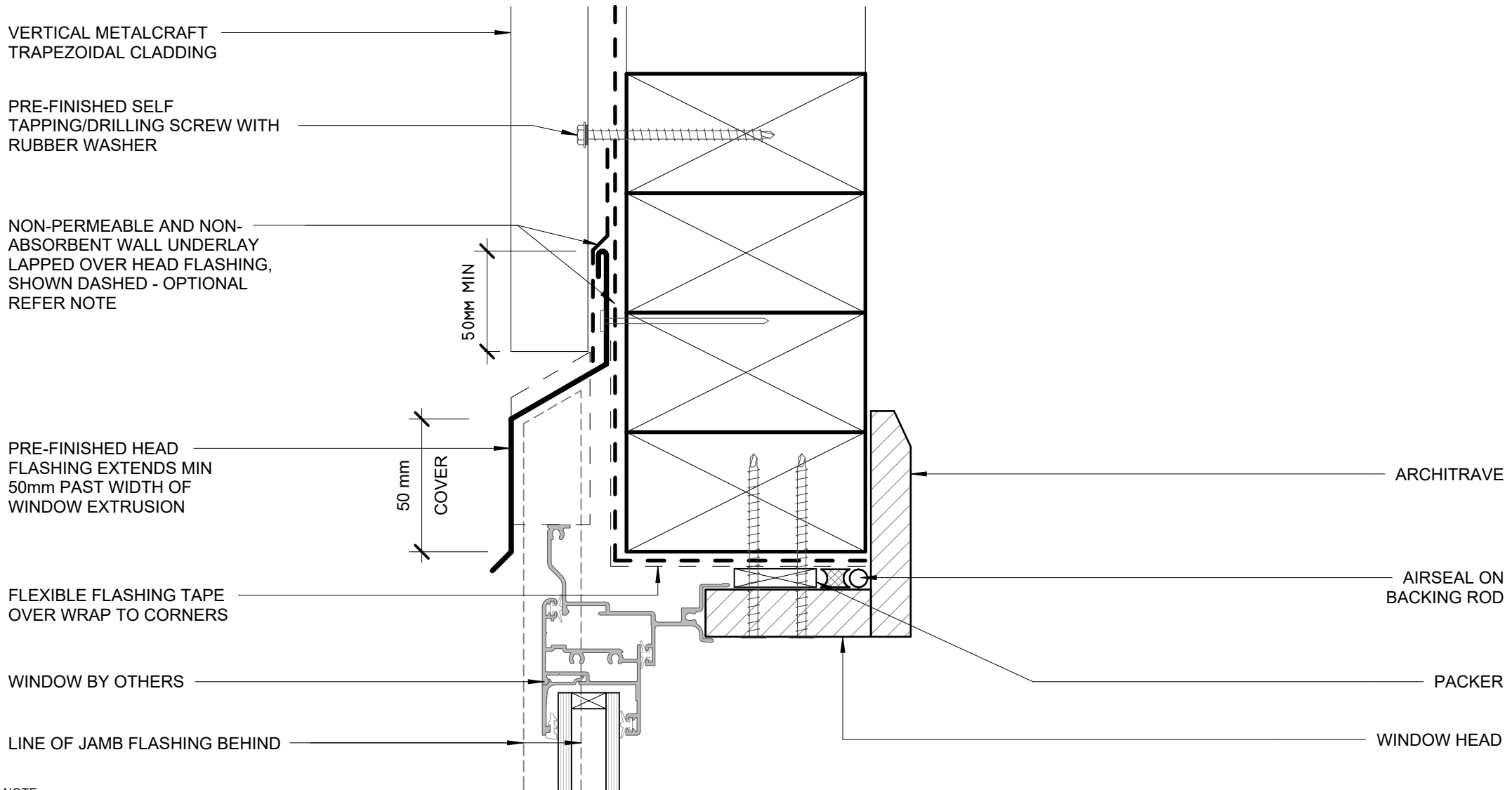
NOTE:
 DOOR TRANSOM / FRAME IS
 CONTINUOUS AROUND DOOR;
 SIDE FLANGES OF FRAME ARE
 SET EITHER ON CREST OR RIBS
 OF VERTICAL METALCRAFT
 CLADDING

NOTE:
 Underlays are not required in unlined structures, but in such cases non-permeable, non-absorbent underlays such as foil are typically used to increase reflectivity and to minimise condensation. Refer NZMRM COP. If underlay is omitted then separation is required between steel and timber framing. The backer of COLORSTEEL is not a barrier paint and is moisture permeable.



NOTE:
Underlays are not required in unlined structures, but in such cases non-permeable, non-absorbent underlays such as foil are typically used to increase reflectivity and to minimise condensation. Refer NZMRM COP. If underlay is omitted then separation is required between steel and timber framing. The backer of COLORSTEEL is not a barrier paint and is moisture permeable.

FLASHING SHOULD NOT EXCEED 300mm.
A TURNED UP PAN EDGE TO FULL CREST HEIGHT (UPSTAND) CONSTITUTES A CREST.



NOTE:
Underlays are not required in inlined structures, but in such cases non-permeable, non-absorbent underlays such as foil are typically used to increase reflectivity and to minimise condensation. Refer NZMRM COP. If underlay is omitted then separation is required between steel and timber framing. The backer of COLORSTEEL is not a barrier paint and is moisture permeable.

FLEXIBLE FLASHING TAPE OVER WRAP TO CORNERS

STRUCTURE BY OTHERS

VERTICAL METALCRAFT TRAPEZOIDAL CLADDING

NON-PERMEABLE AND NON-ABSORBENT WALL UNDERLAY, SHOWN DASHED - OPTIONAL REFER NOTE

PRE-FINISHED POP RIVET BEDDED IN SILICONE OR 8g WAFER-TEK SCREW

5MM GAP

MIN 2 CRESTS LAP

PRE-FINISHED SELF TAPPING/DRILLING SCREW WITH RUBBER WASHER

COLORSTEEL TRIM JAMB FLASHING

FLASHING SHOULD NOT EXCEED 300mm. A TURNED UP PAN EDGE TO FULL CREST HEIGHT (UPSTAND) CONSTITUTES A CREST.

ARCHITRAVE

AIRSEAL ON BACKING ROD

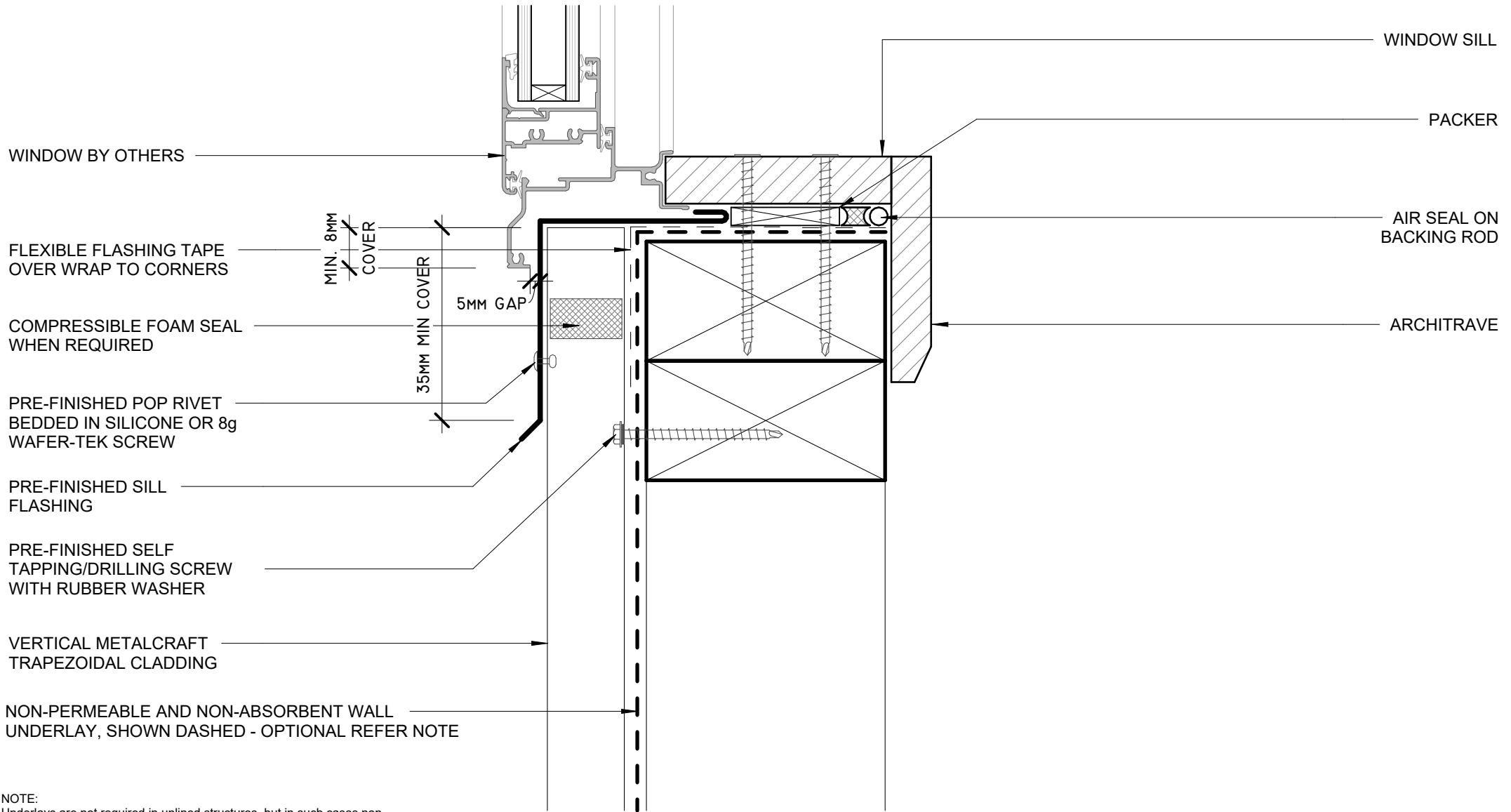
PACKER

WINDOW JAMB

WINDOW BY OTHERS

COMPRESSIBLE FOAM SEAL WHEN REQUIRED

NOTE:
Underlays are not required in inlined structures, but in such cases non-permeable, non-absorbent underlays such as foil are typically used to increase reflectivity and to minimise condensation. Refer NZMRM COP. If underlay is omitted then separation is required between steel and timber framing. The backer of COLORSTEEL is not a barrier paint and is moisture permeable.



NOTE:
Underlays are not required in inlined structures, but in such cases non-permeable, non-absorbent underlays such as foil are typically used to increase reflectivity and to minimise condensation. Refer NZMRM COP. If underlay is omitted then separation is required between steel and timber framing. The backer of COLORSTEEL is not a barrier paint and is moisture permeable.

VERTICAL METALCRAFT
TRAPEZOIDAL CLADDING

NON-PERMEABLE AND NON-
ABSORBENT WALL UNDERLAY, SHOWN
DASHED - OPTIONAL REFER NOTE

PRE-FINISHED SELF TAPPING/DRILLING
SCREW WITH RUBBER WASHER

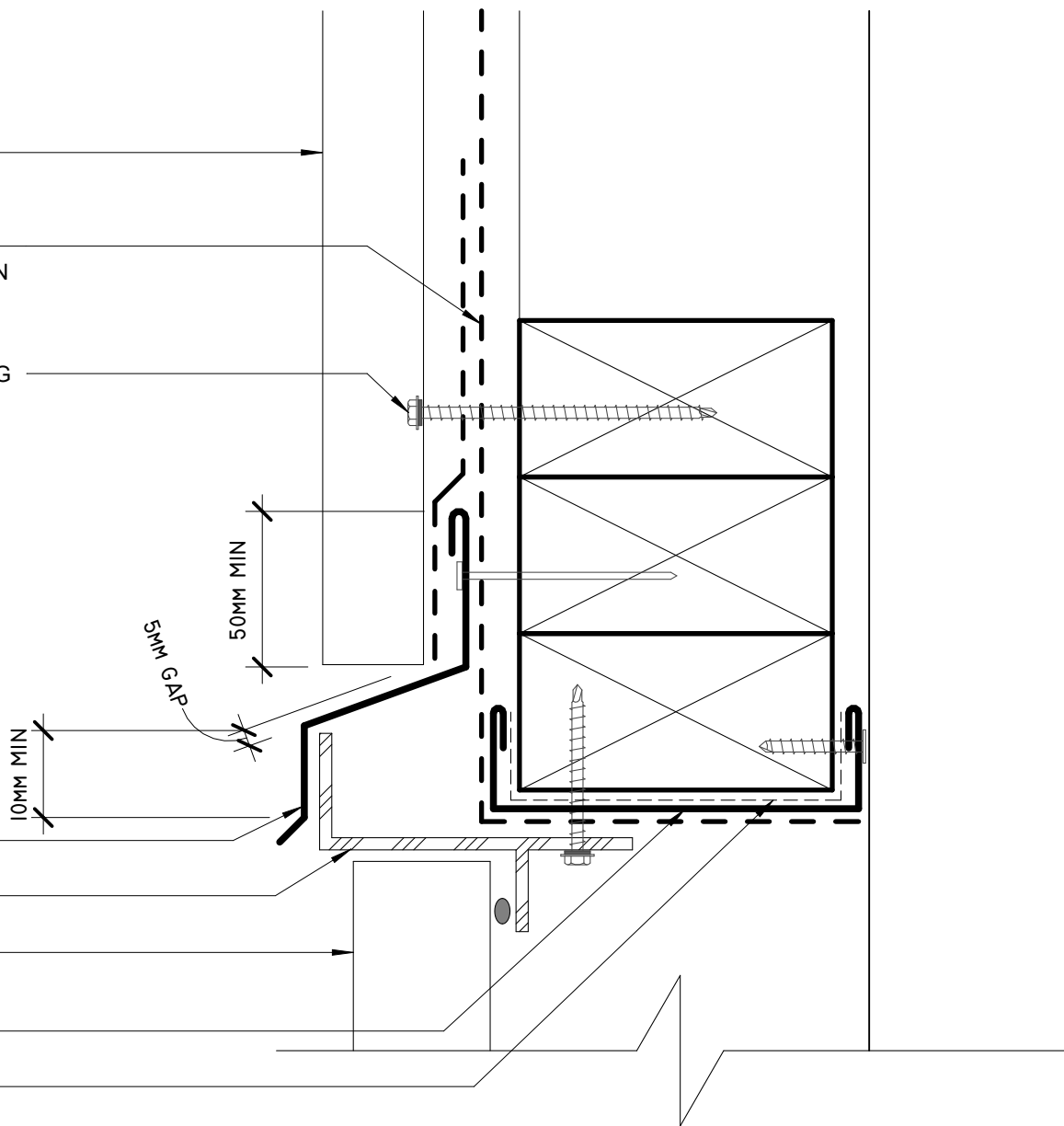
PRE-FINISHED DOOR
HEAD FLASHING

DOOR TRANSOM / FRAME

DOOR

PRE-FINISHED DOOR HEAD
FLASHING CAPPING

DPC SEPARATION



NOTE:
DOOR TRANSOM / FRAME IS
CONTINUOUS AROUND DOOR;
SIDE FLANGES OF FRAME ARE
SET EITHER ON CREST OR RIBS
OF VERTICAL METALCRAFT
CLADDING

NOTE:
Underlays are not required in unlined structures, but in such cases non-permeable, non-absorbent underlays such as foil are typically used to increase reflectivity and to minimise condensation. Refer NZMRM COP. If underlay is omitted then separation is required between steel and timber framing. The backer of COLORSTEEL is not a barrier paint and is moisture permeable.