

BROWNBUILT 900

RESIDENTIAL ROOFING

DETAILS:

REV:

DATE:

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COVER DIMENSIONS AS PER E2/AS1

	SITUATION 1	SITUATION 2	SITUATION 3
	Low, Medium & High Wind Zones where roof pitch $\geq 10^\circ$ (Excludes any soft edge or turn-down)	All roof pitches in Very High zone. Low, Medium & High Wind Zones where roof pitch $\leq 10^\circ$ (Excludes any soft edge or turn-down)	All roof pitches in Extra High wind zone (Excludes any soft edge or turn-down)
X	130 MIN	200 MIN	200 MIN
Y	Cover at least two crests (turned-up edge to full crest height constitutes a crest)		
Z	50 MIN	70 MIN	90 MIN

Ridge flashing to match roofing.
Materials & Fixings as per Dimond Technical Data, E2/AS1 & MRM Code of Practice

Notched to suit roofing profile

Dimond Brownbuilt 900 Trapezoidal roofing

Roof Underlay (shown dashed)

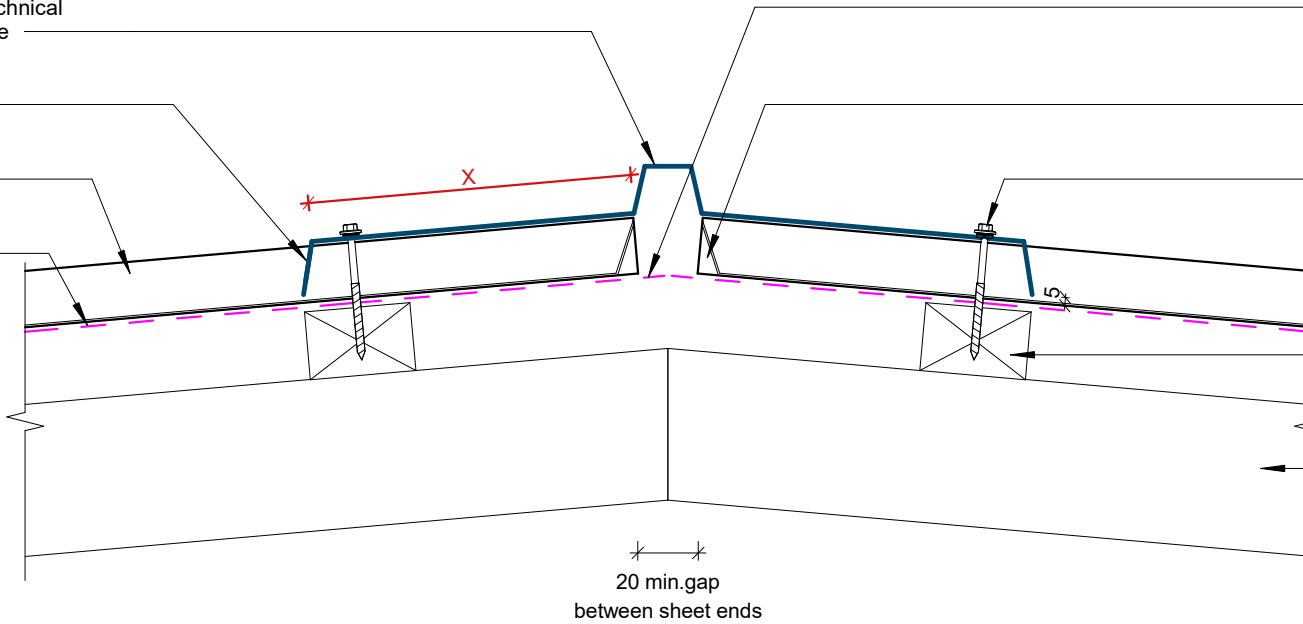
Slit 200 slots in underlay every 400 to allow ventilation

Stopends to Dimond Roofing

Prefinished screw with neoprene washer

Purlins (indicative only)

Roof framing (indicative only)

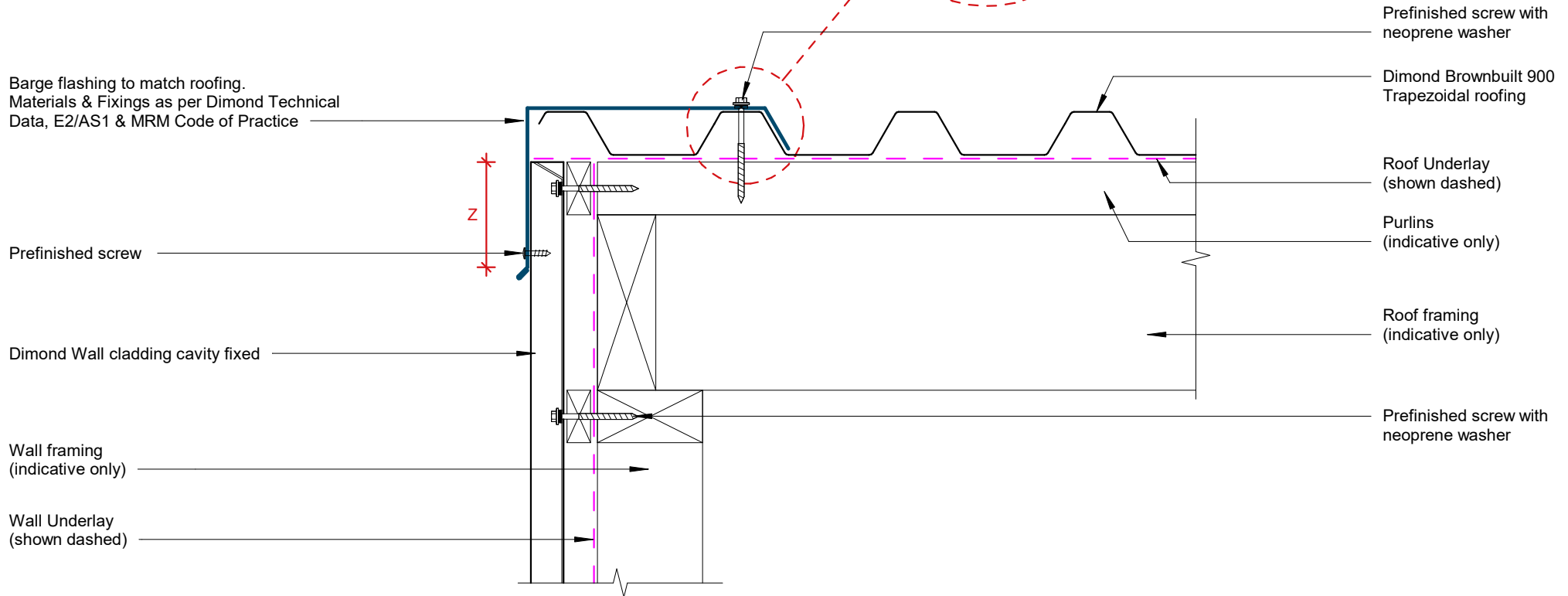
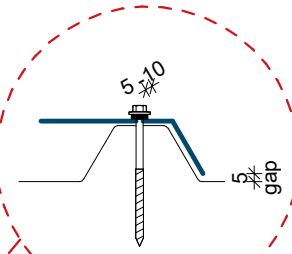


Ridge Flashing Detail

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COVER DIMENSIONS AS PER E2/AS1

	SITUATION 1	SITUATION 2	SITUATION 3
	Low, Medium & High Wind Zones where roof pitch $\geq 10^\circ$ (Excludes any soft edge or turn-down)	All roof pitches in Very High zone. Low, Medium & High Wind Zones where roof pitch $\leq 10^\circ$ (Excludes any soft edge or turn-down)	All roof pitches in Extra High wind zone (Excludes any soft edge or turn-down)
X	130 MIN	200 MIN	200 MIN
Y	Cover at least two crests (turned-up edge to full crest height constitutes a crest)		
Z	50 MIN	70 MIN	90 MIN



GENERAL NOTE

Cavity battens or timber framing that contain copper must be separated from steel cladding by a strip of wall or roof underlay or DPC.

Barge Wall Detail

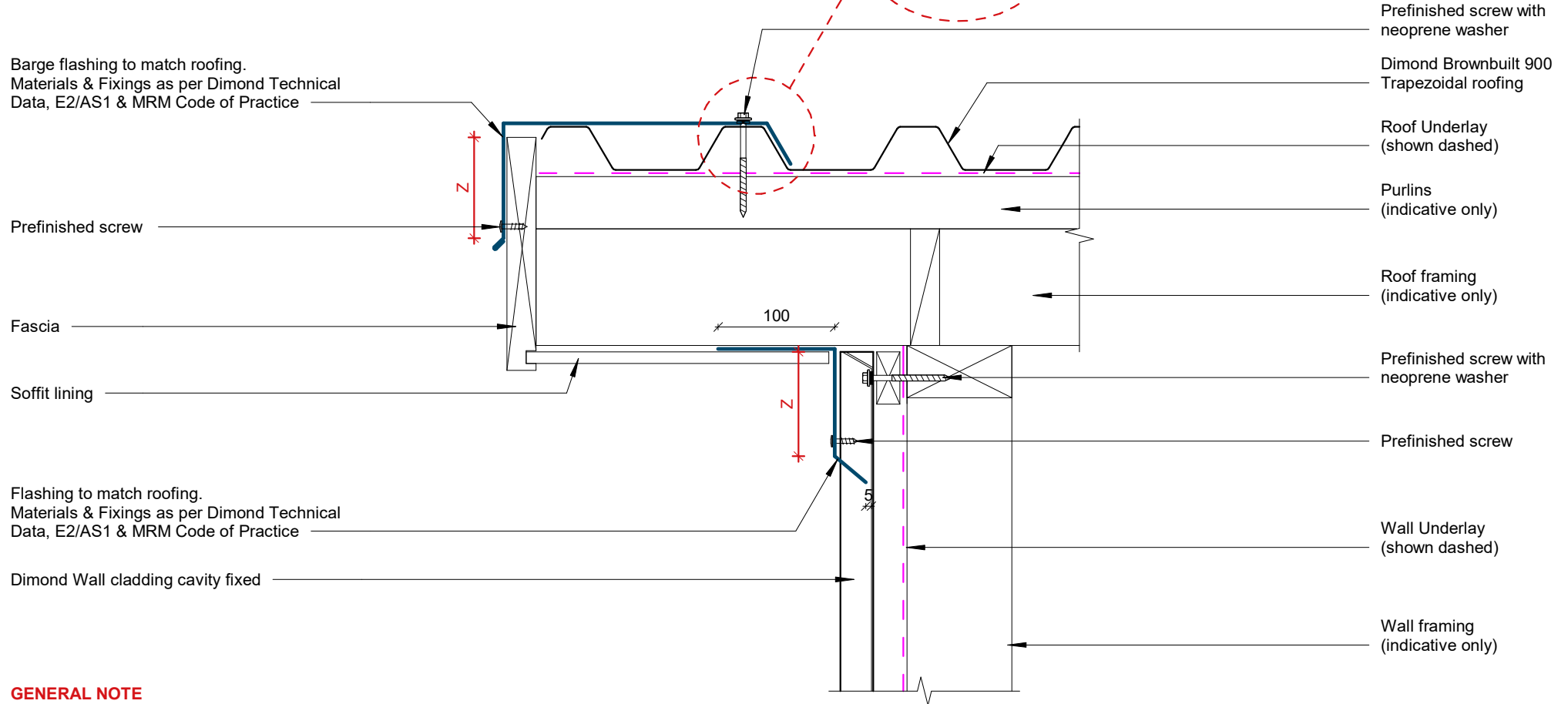
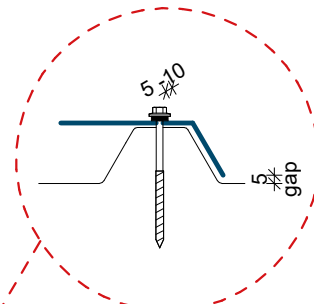
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Date: May 2025 Scale: 1 : 5 Sheet: **BBRR2**

COVER DIMENSIONS AS PER E2/AS1		
SITUATION 1	SITUATION 2	SITUATION 3
Low, Medium & High Wind Zones where roof pitch $\geq 10^\circ$ (Excludes any soft edge or turn-down)	All roof pitches in Very High zone. Low, Medium & High Wind Zones where roof pitch $\leq 10^\circ$ (Excludes any soft edge or turn-down)	All roof pitches in Extra High wind zone (Excludes any soft edge or turn-down)
X 130 MIN	200 MIN	200 MIN
Y Cover at least two crests (turned-up edge to full crest height constitutes a crest)		
Z 50 MIN	70 MIN	90 MIN



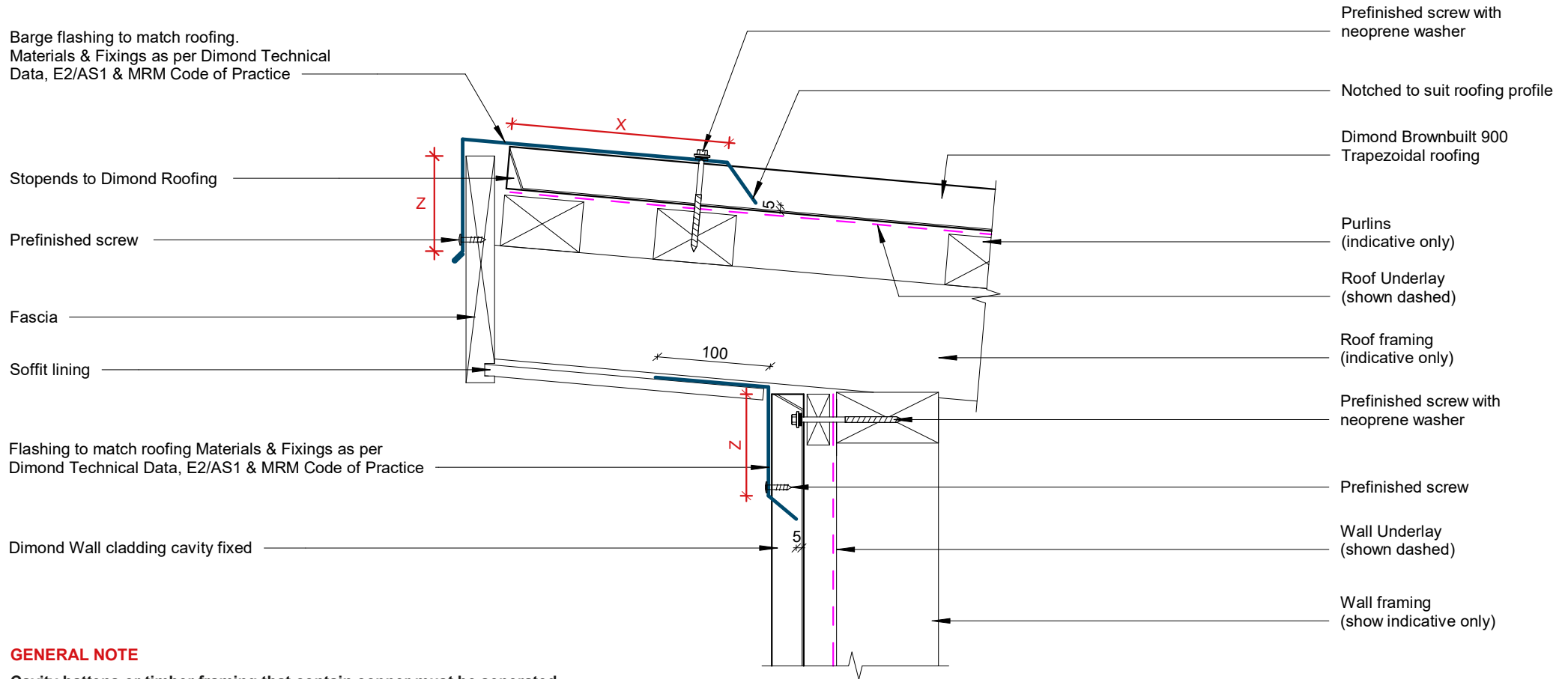
GENERAL NOTE

Cavity battens or timber framing that contain copper must be separated from steel cladding by a strip of wall or roof underlay or DPC.

Barge Soffit Detail

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COVER DIMENSIONS AS PER E2/AS1		
SITUATION 1	SITUATION 2	SITUATION 3
Low, Medium & High Wind Zones where roof pitch $\geq 10^\circ$ (Excludes any soft edge or turn-down)	All roof pitches in Very High zone. Low, Medium & High Wind Zones where roof pitch $\leq 10^\circ$ (Excludes any soft edge or turn-down)	All roof pitches in Extra High wind zone (Excludes any soft edge or turn-down)
X 130 MIN	200 MIN	200 MIN
Y Cover at least two crests (turned-up edge to full crest height constitutes a crest)		
Z 50 MIN	70 MIN	90 MIN



GENERAL NOTE

Cavity battens or timber framing that contain copper must be separated from steel cladding by a strip of wall or roof underlay or DPC.

Raking Barge Flashing Detail

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Date: May 2025 Scale: 1 : 5 Sheet: **BBRR4**

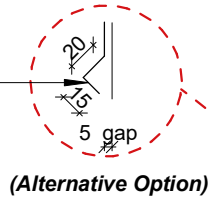
COVER DIMENSIONS AS PER E2/AS1

	SITUATION 1	SITUATION 2	SITUATION 3
	Low, Medium & High Wind Zones where roof pitch $\geq 10^\circ$ (Excludes any soft edge or turn-down)	All roof pitches in Very High zone. Low, Medium & High Wind Zones where roof pitch $\leq 10^\circ$ (Excludes any soft edge or turn-down)	All roof pitches in Extra High wind zone (Excludes any soft edge or turn-down)
X	130 MIN	200 MIN	200 MIN
Y	Cover at least two crests (turned-up edge to full crest height constitutes a crest)		
Z	50 MIN	70 MIN	90 MIN

Stopends to Dimond Roofing

Flashing to match roofing.
Materials & Fixings as per Dimond Technical Data, E2/AS1 & MRM Code of Practice

Birds beak edge



Prefinished screw

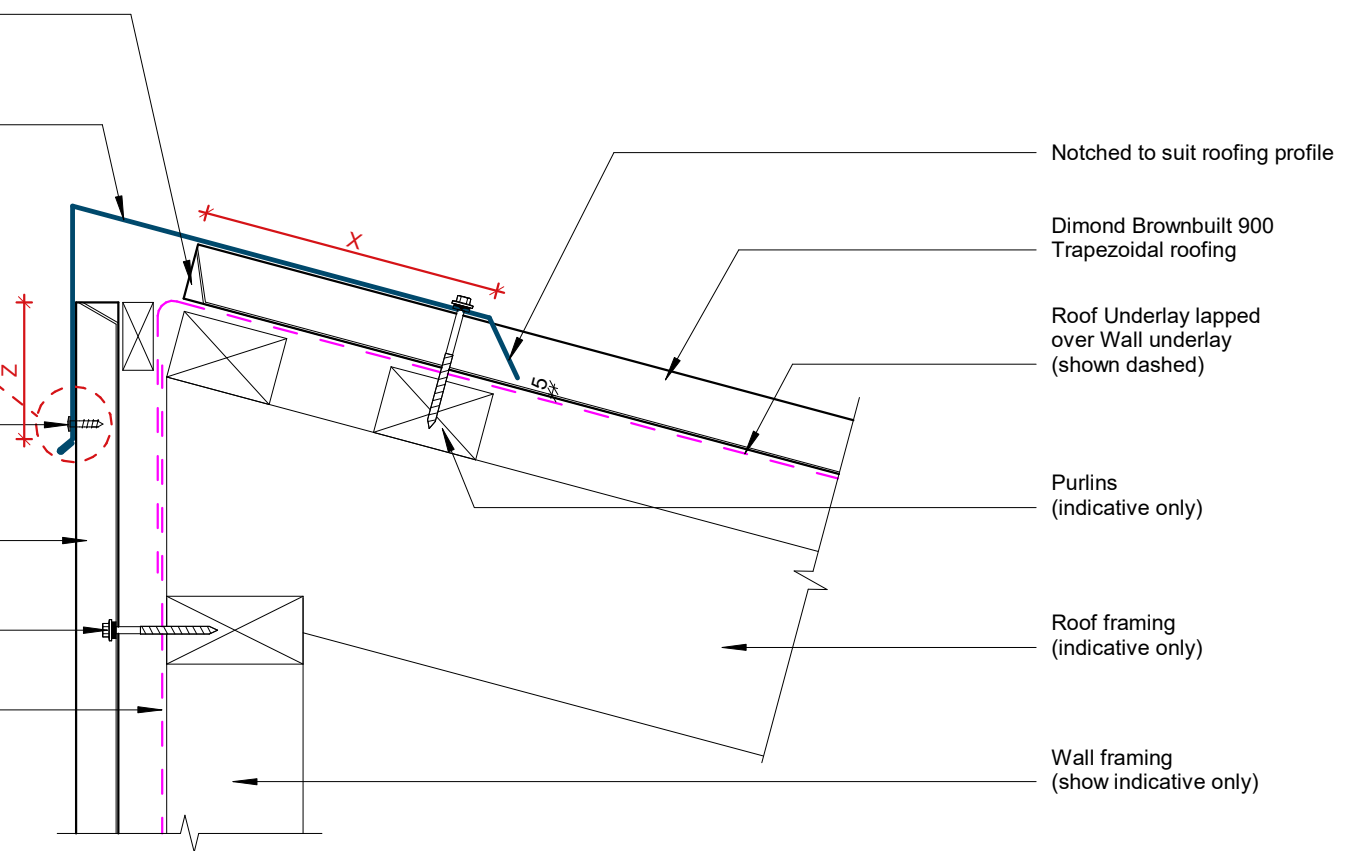
Dimond Wall cladding cavity fixed

Prefinished screw with neoprene washer

Wall Underlay (shown dashed)

GENERAL NOTE

Cavity battens or timber framing that contain copper must be separated from steel cladding by a strip of wall or roof underlay or DPC.



Sawtooth Wall Detail

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Date: May 2025 Scale: 1 : 5 Sheet: **BBRR5**

COVER DIMENSIONS AS PER E2/AS1

	SITUATION 1	SITUATION 2	SITUATION 3
	Low, Medium & High Wind Zones where roof pitch $\geq 10^\circ$ (Excludes any soft edge or turn-down)	All roof pitches in Very High zone. Low, Medium & High Wind Zones where roof pitch $\leq 10^\circ$ (Excludes any soft edge or turn-down)	All roof pitches in Extra High wind zone (Excludes any soft edge or turn-down)
X	130 MIN	200 MIN	200 MIN
Y	Cover at least two crests (turned-up edge to full crest height constitutes a crest)		
Z	50 MIN	70 MIN	90 MIN

Flashing to match roofing.

Materials & Fixings as per Dimond Technical Data, E2/AS1 & MRM Code of Practice

Stopsends to Dimond Roofing

Birds beak edge

(Alternative Option)

Prefinished screw

Fascia

Soffit lining

Prefinished screw with neoprene washer

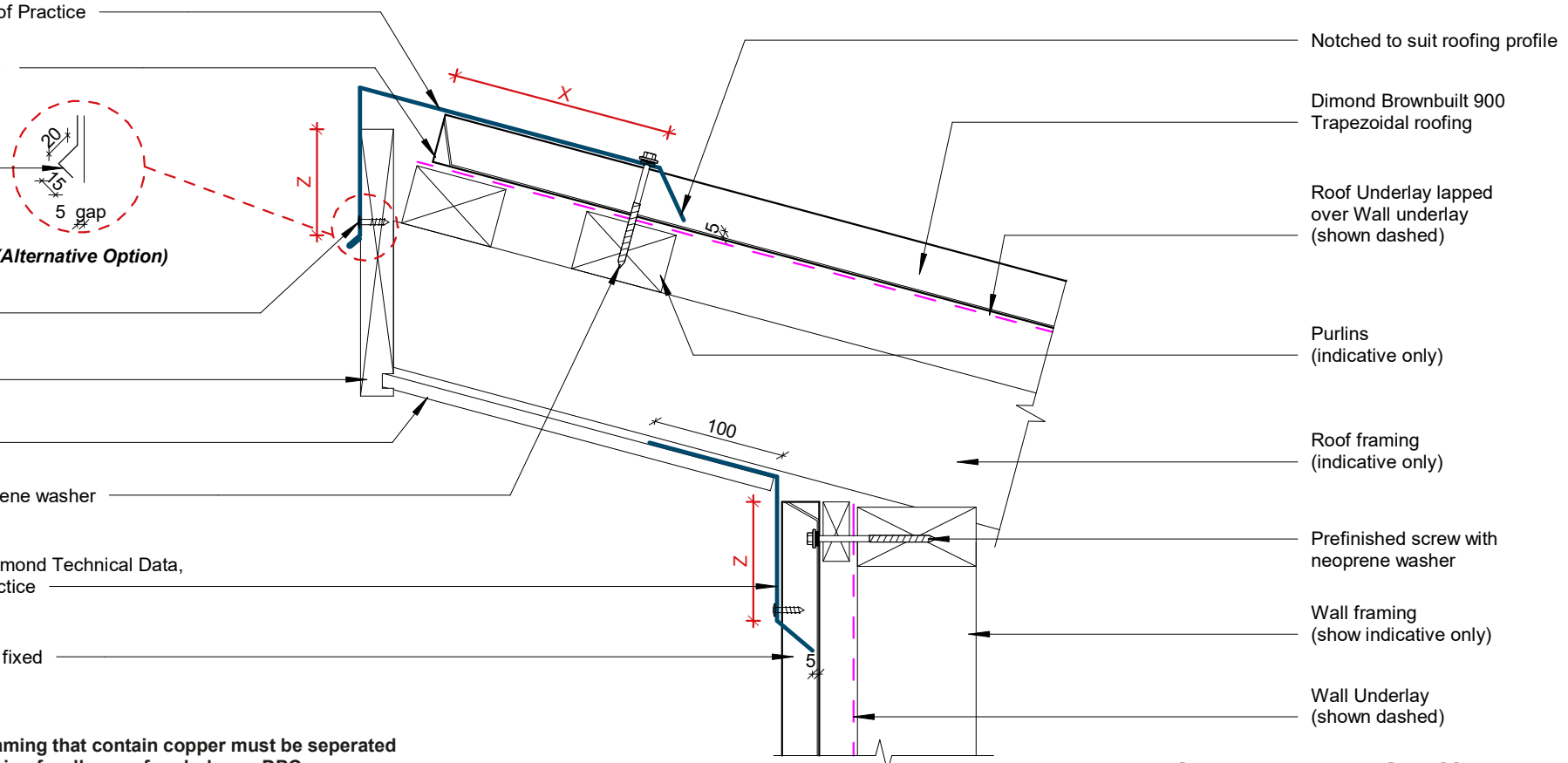
Flashing to match roofing.

Materials & Fixings as per Dimond Technical Data, E2/AS1 & MRM Code of Practice

Dimond Wall cladding cavity fixed

GENERAL NOTE

Cavity battens or timber framing that contain copper must be separated from steel cladding by a strip of wall or roof underlay or DPC.



Sawtooth Soffit Detail

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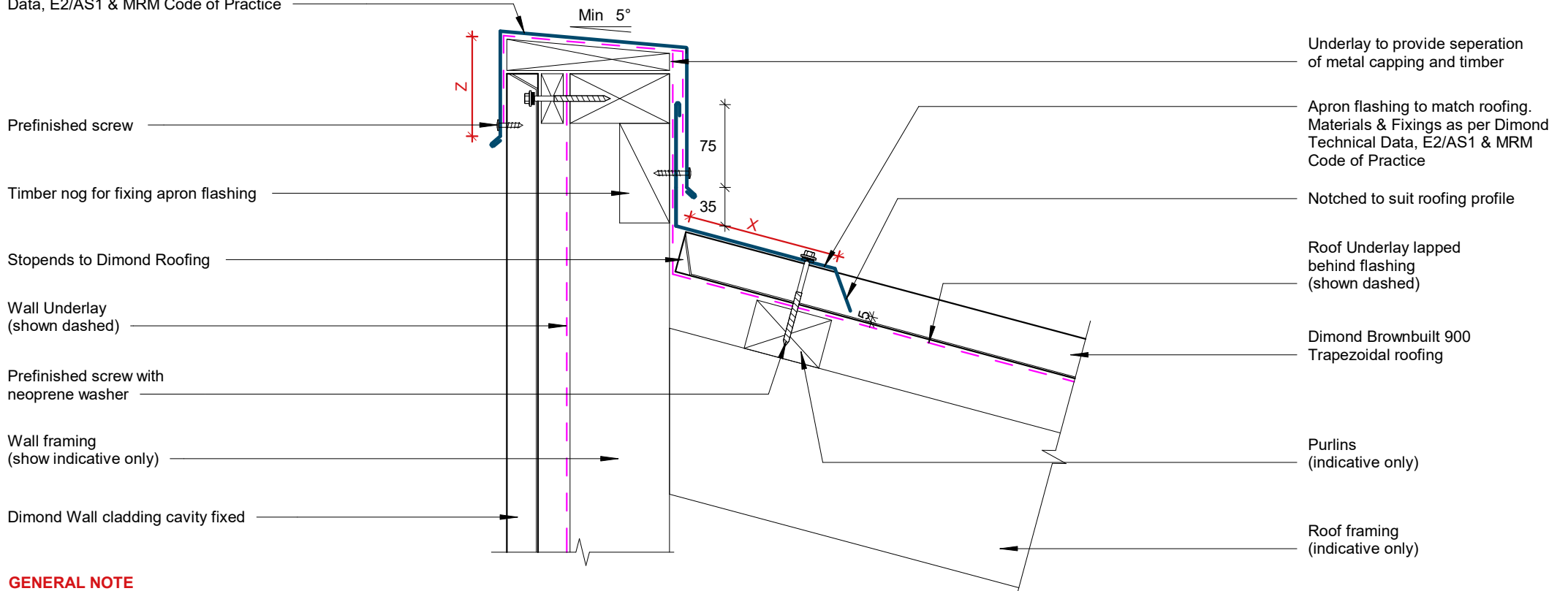


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Date: May 2025 Scale: 1 : 5 Sheet: **BBRR6**

COVER DIMENSIONS AS PER E2/AS1		
SITUATION 1	SITUATION 2	SITUATION 3
Low, Medium & High Wind Zones where roof pitch $\geq 10^\circ$ (Excludes any soft edge or turn-down)	All roof pitches in Very High zone. Low, Medium & High Wind Zones where roof pitch $\leq 10^\circ$ (Excludes any soft edge or turn-down)	All roof pitches in Extra High wind zone (Excludes any soft edge or turn-down)
X 130 MIN	200 MIN	200 MIN
Y Cover at least two crests (turned-up edge to full crest height constitutes a crest)		
Z 50 MIN	70 MIN	90 MIN

Parapet cap flashing to match roofing.
Materials & Fixings as per Dimond Technical Data, E2/AS1 & MRM Code of Practice



GENERAL NOTE

Cavity battens or timber framing that contain copper must be separated from steel cladding by a strip of wall or roof underlay or DPC.

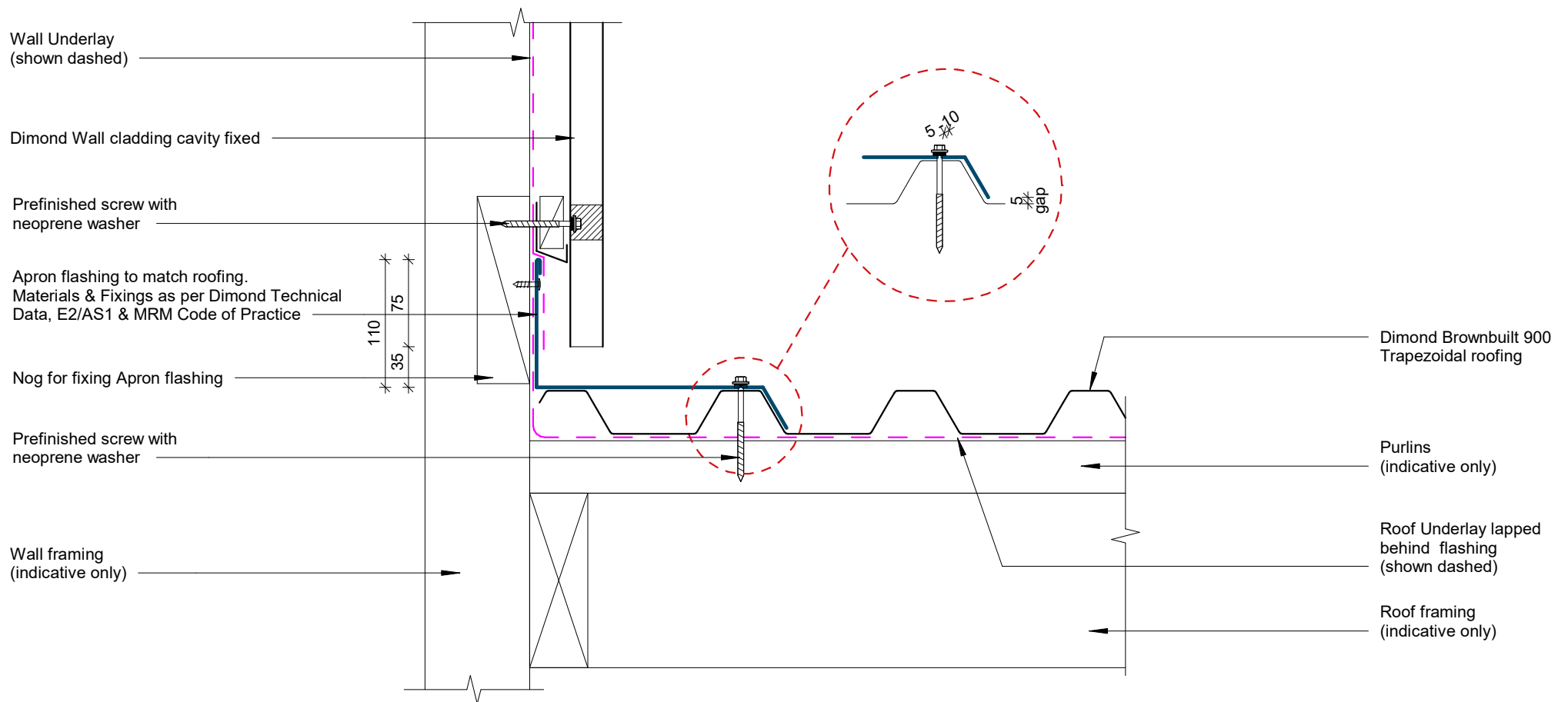
Parapet Apron Detail

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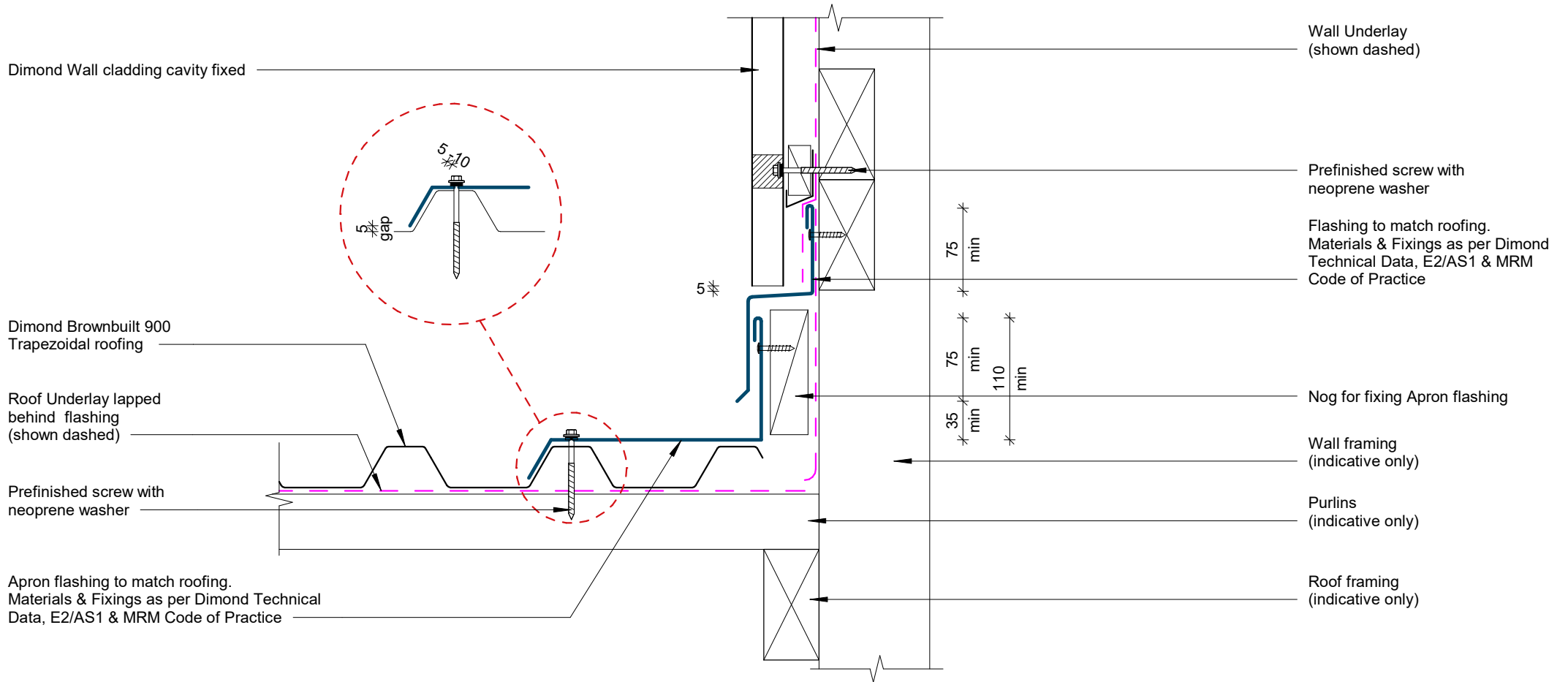


GENERAL NOTE

Cavity battens or timber framing that contain copper must be separated from steel cladding by a strip of wall or roof underlay or DPC.

Apron Parallel Detail

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GENERAL NOTE

Cavity battens or timber framing that contain copper must be separated from steel cladding by a strip of wall or roof underlay or DPC.

Apron Parallel Two Piece Detail

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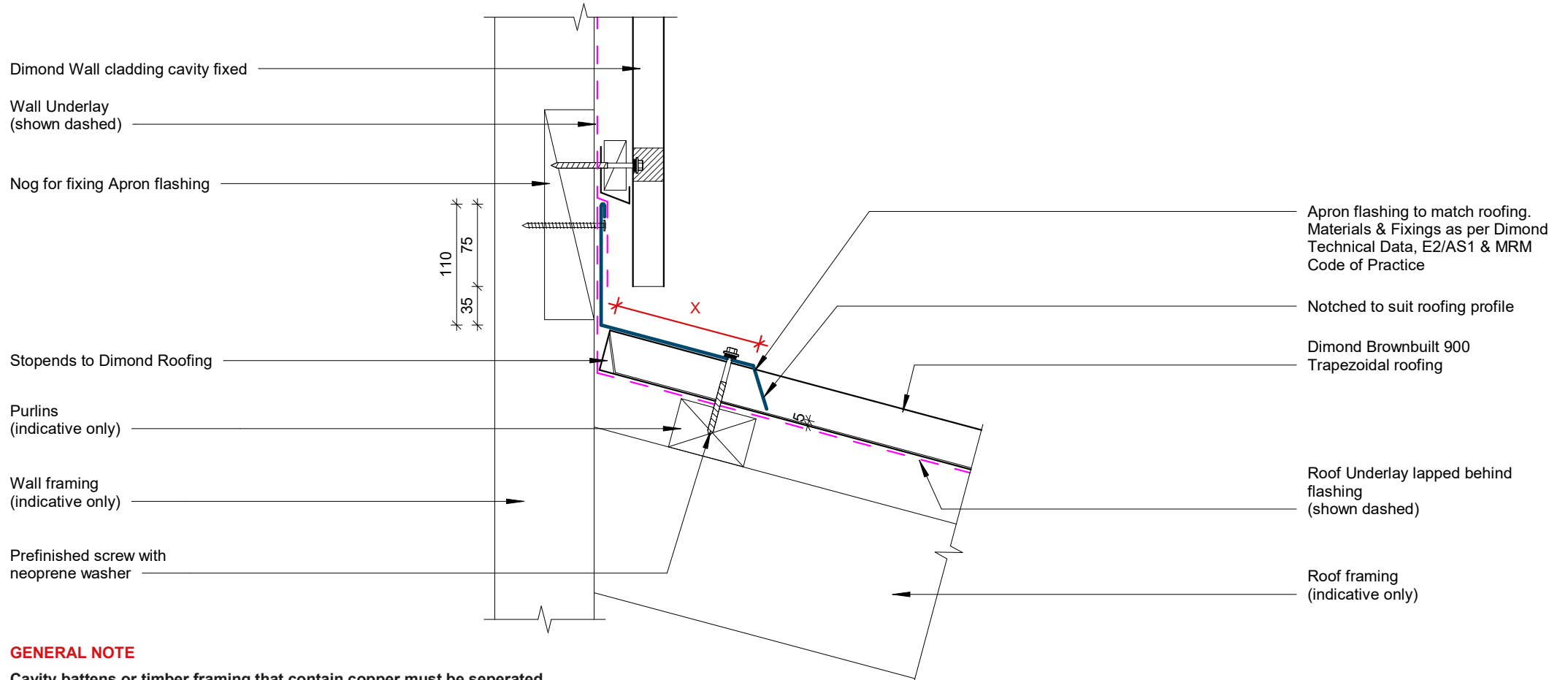


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Date: May 2025 Scale: 1 : 5 Sheet: **BBRR9**

COVER DIMENSIONS AS PER E2/AS1

	SITUATION 1 Low, Medium & High Wind Zones where roof pitch $\geq 10^\circ$ (Excludes any soft edge or turn-down)	SITUATION 2 All roof pitches in Very High zone. Low, Medium & High Wind Zones where roof pitch $\leq 10^\circ$ (Excludes any soft edge or turn-down)	SITUATION 3 All roof pitches in Extra High wind zone (Excludes any soft edge or turn-down)
X	130 MIN	200 MIN	200 MIN
Y	Cover at least two crests (turned-up edge to full crest height constitutes a crest)		
Z	50 MIN	70 MIN	90 MIN



GENERAL NOTE

Cavity battens or timber framing that contain copper must be separated from steel cladding by a strip of wall or roof underlay or DPC.

Apron Transverse Detail

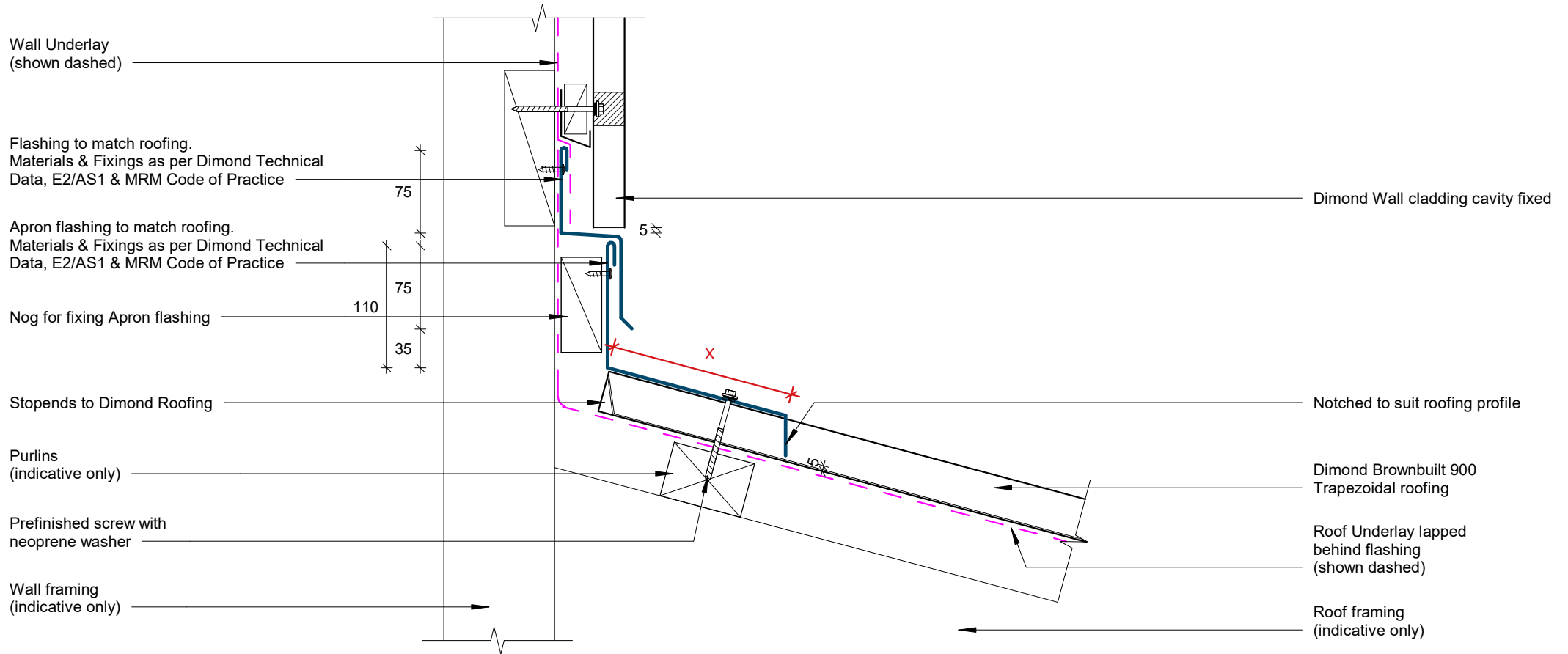
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Date: May 2025 Scale: 1 : 5 Sheet: **BBRR10**

COVER DIMENSIONS AS PER E2/AS1		
SITUATION 1	SITUATION 2	SITUATION 3
Low, Medium & High Wind Zones where roof pitch $\geq 10^\circ$ (Excludes any soft edge or turn-down)	All roof pitches in Very High zone. Low, Medium & High Wind Zones where roof pitch $\leq 10^\circ$ (Excludes any soft edge or turn-down)	All roof pitches in Extra High wind zone (Excludes any soft edge or turn-down)
X 130 MIN	200 MIN	200 MIN
Y Cover at least two crests (turned-up edge to full crest height constitutes a crest)		
Z 50 MIN	70 MIN	90 MIN



GENERAL NOTE

Cavity battens or timber framing that contain copper must be separated from steel cladding by a strip of wall or roof underlay or DPC.

Apron Transverse Two Piece Detail

COVER DIMENSIONS AS PER E2/AS1

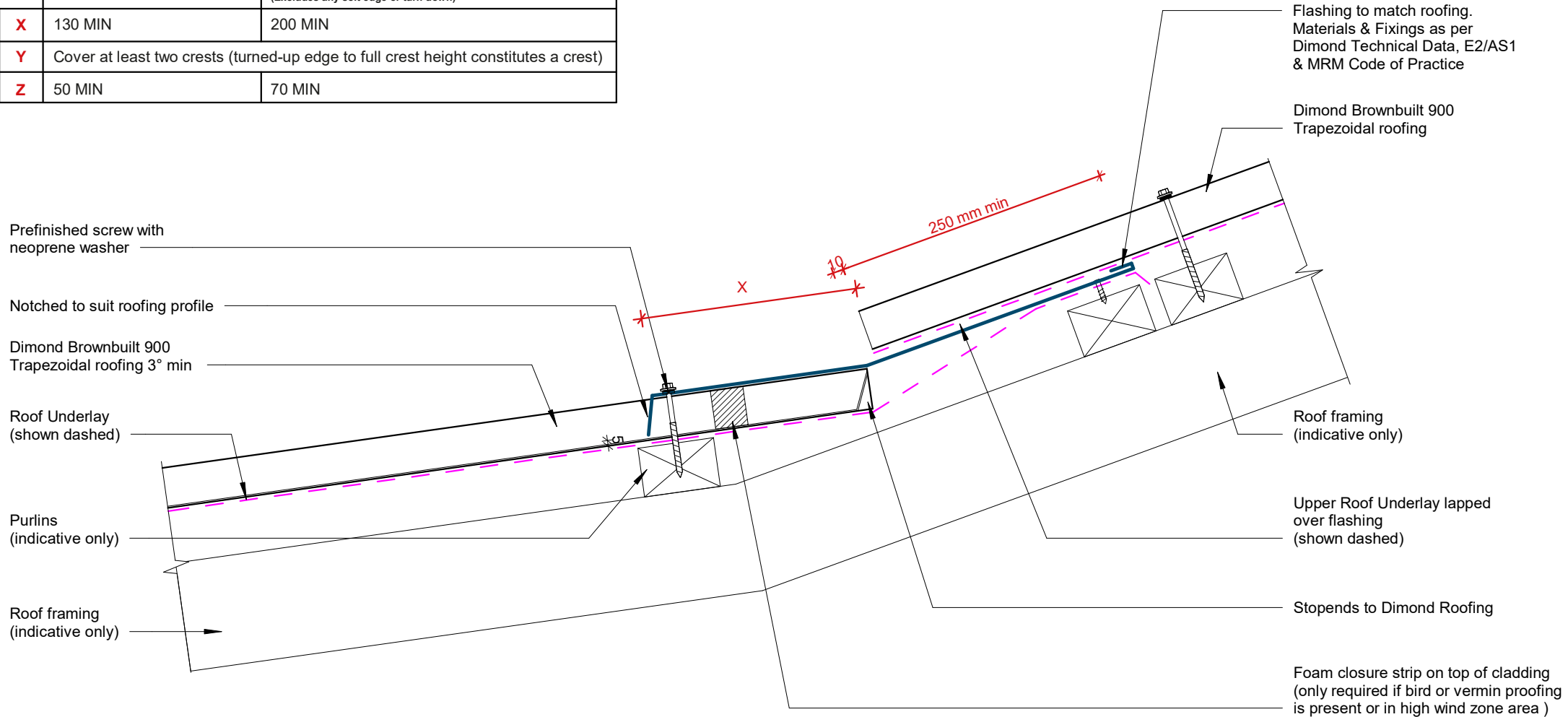
SITUATION 1

Low, Medium & High Wind Zones where roof pitch $\geq 10^\circ$
(Excludes any soft edge or turn-down)

SITUATION 2

All roof pitches in Very High zone.
Low, Medium & High Wind Zones where roof pitch $\leq 10^\circ$
(Excludes any soft edge or turn-down)

X	130 MIN	200 MIN
Y	Cover at least two crests (turned-up edge to full crest height constitutes a crest)	
Z	50 MIN	70 MIN

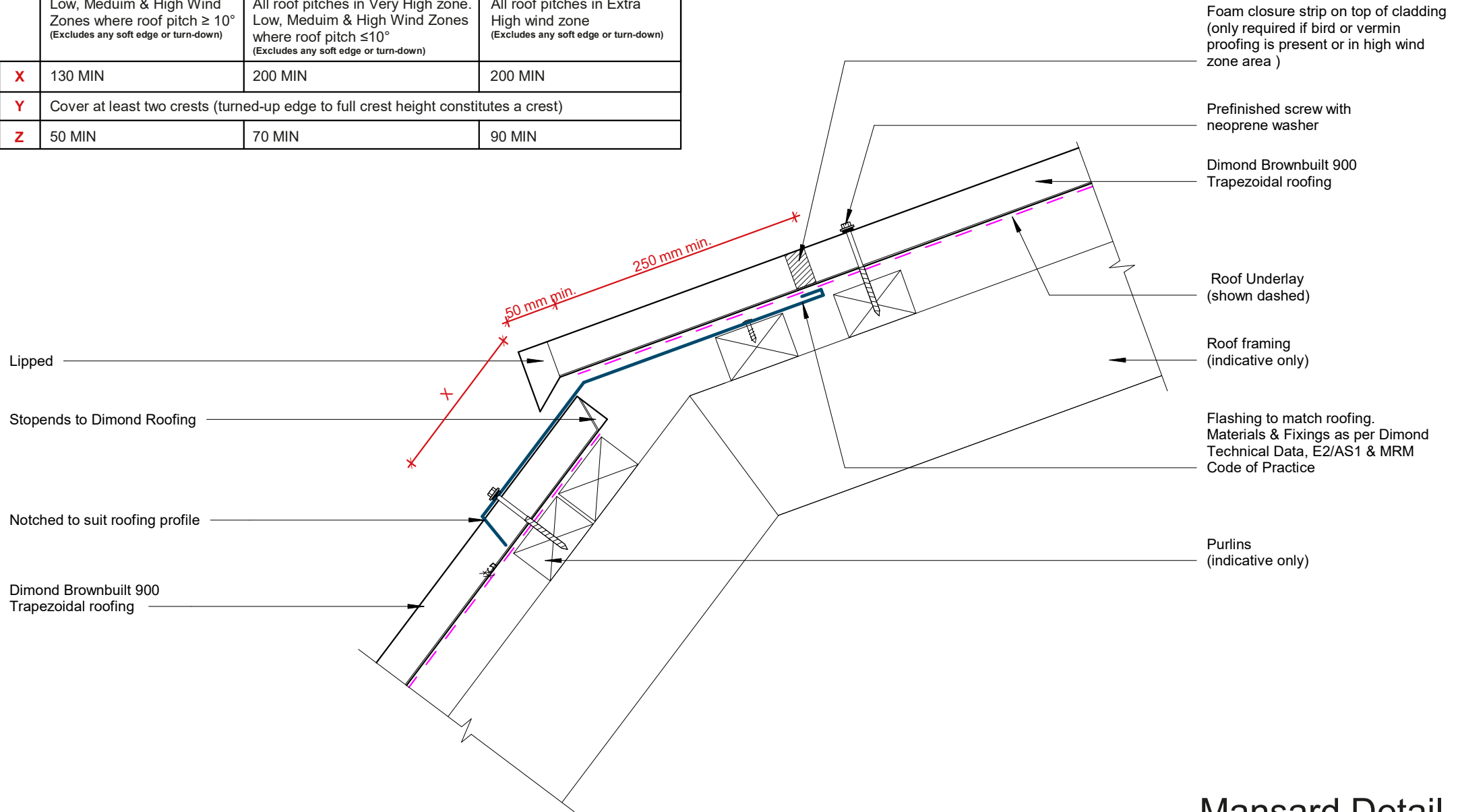


Change of Pitch Detail

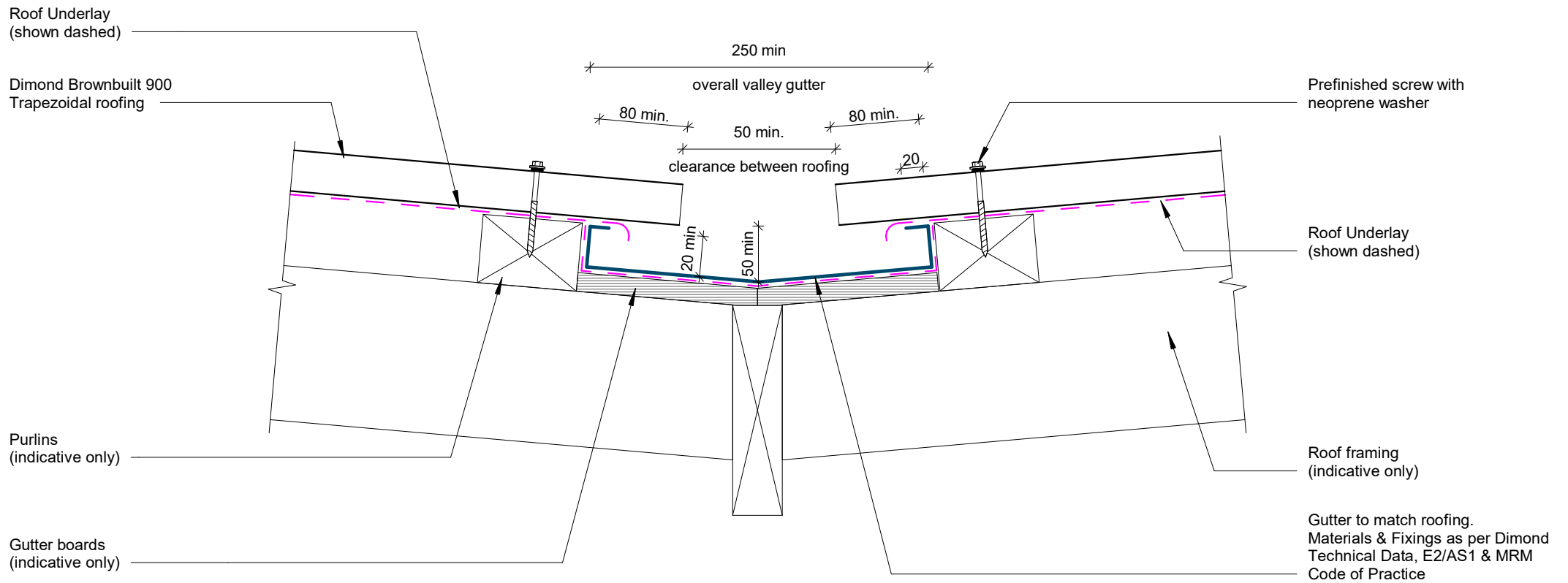
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COVER DIMENSIONS AS PER E2/AS1

	SITUATION 1	SITUATION 2	SITUATION 3
	Low, Medium & High Wind Zones where roof pitch $\geq 10^\circ$ (Excludes any soft edge or turn-down)	All roof pitches in Very High zone. Low, Medium & High Wind Zones where roof pitch $\leq 10^\circ$ (Excludes any soft edge or turn-down)	All roof pitches in Extra High wind zone (Excludes any soft edge or turn-down)
X	130 MIN	200 MIN	200 MIN
Y	Cover at least two crests (turned-up edge to full crest height constitutes a crest)		
Z	50 MIN	70 MIN	90 MIN



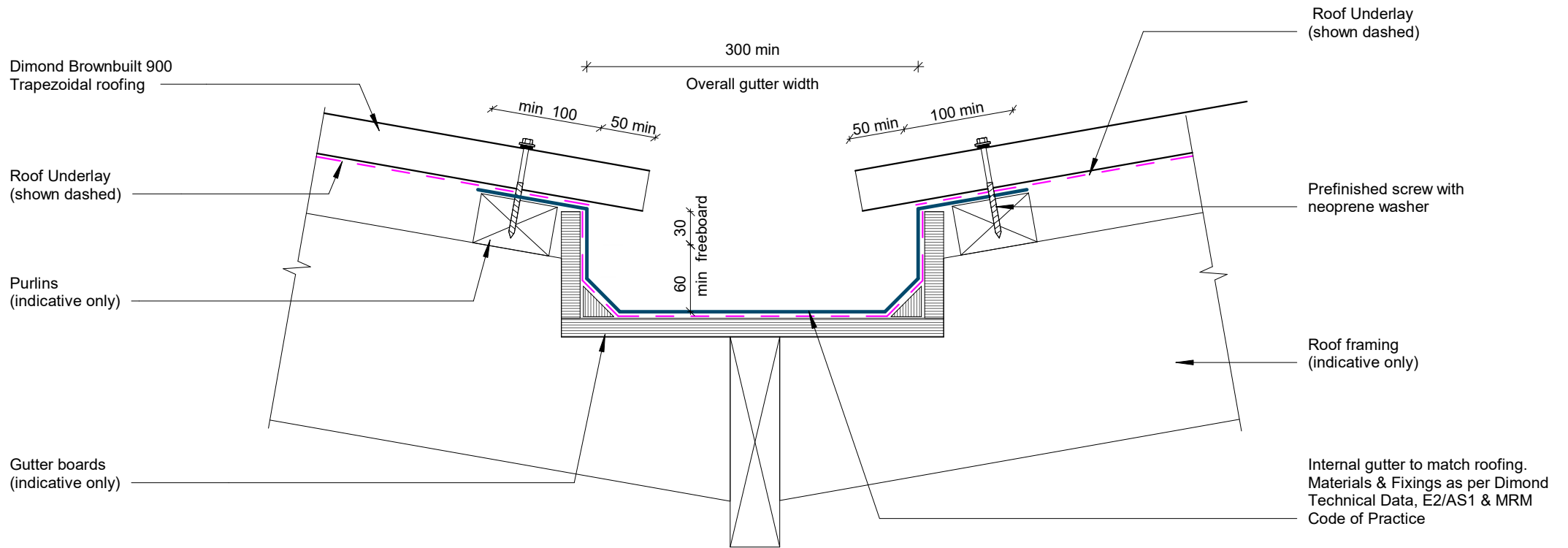
Mansard Detail



Refer to New Zealand metal roof manufacturers code of practice for design & minimum dimensions for valley gutter.

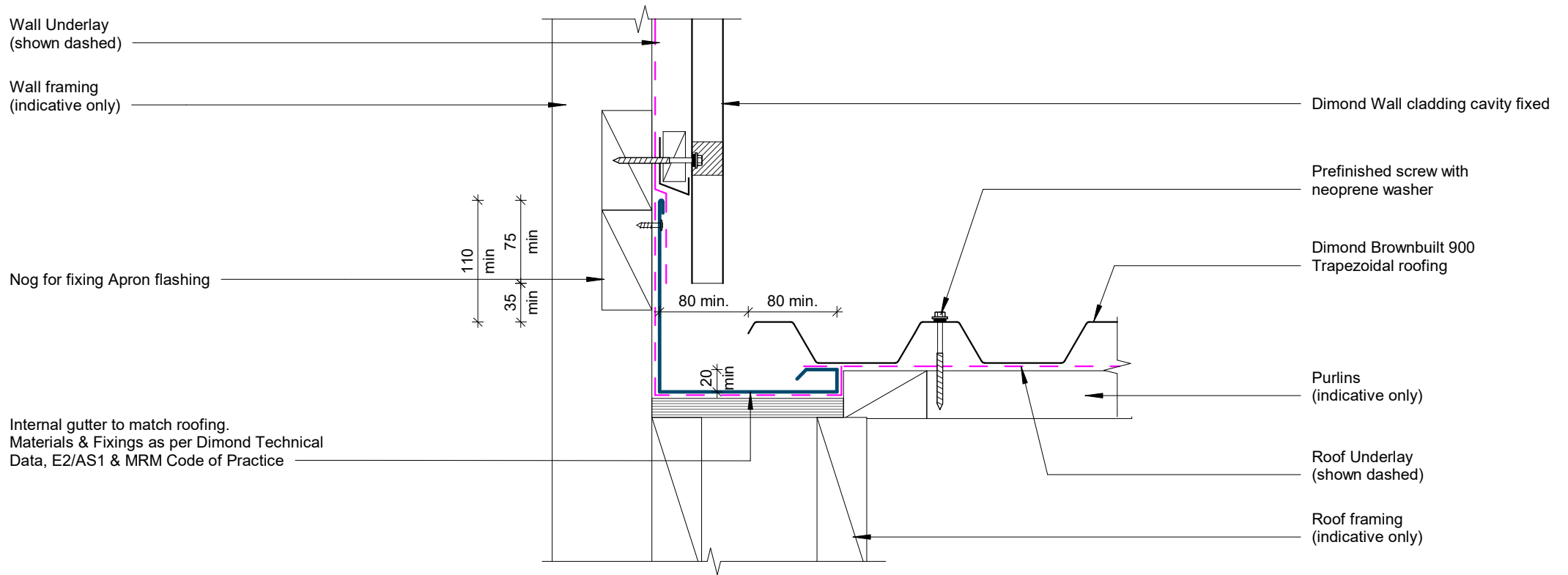
Valley Detail

Gutter size to E2/AS1 or MRM Code of practice.
Refer to New Zealand metal roof manufacturers code of practice for design & minimum dimensions.



Internal Gutter Detail

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GENERAL NOTE

Cavity battens or timber framing that contain copper must be separated from steel cladding by a strip of wall or roof underlay or DPC.

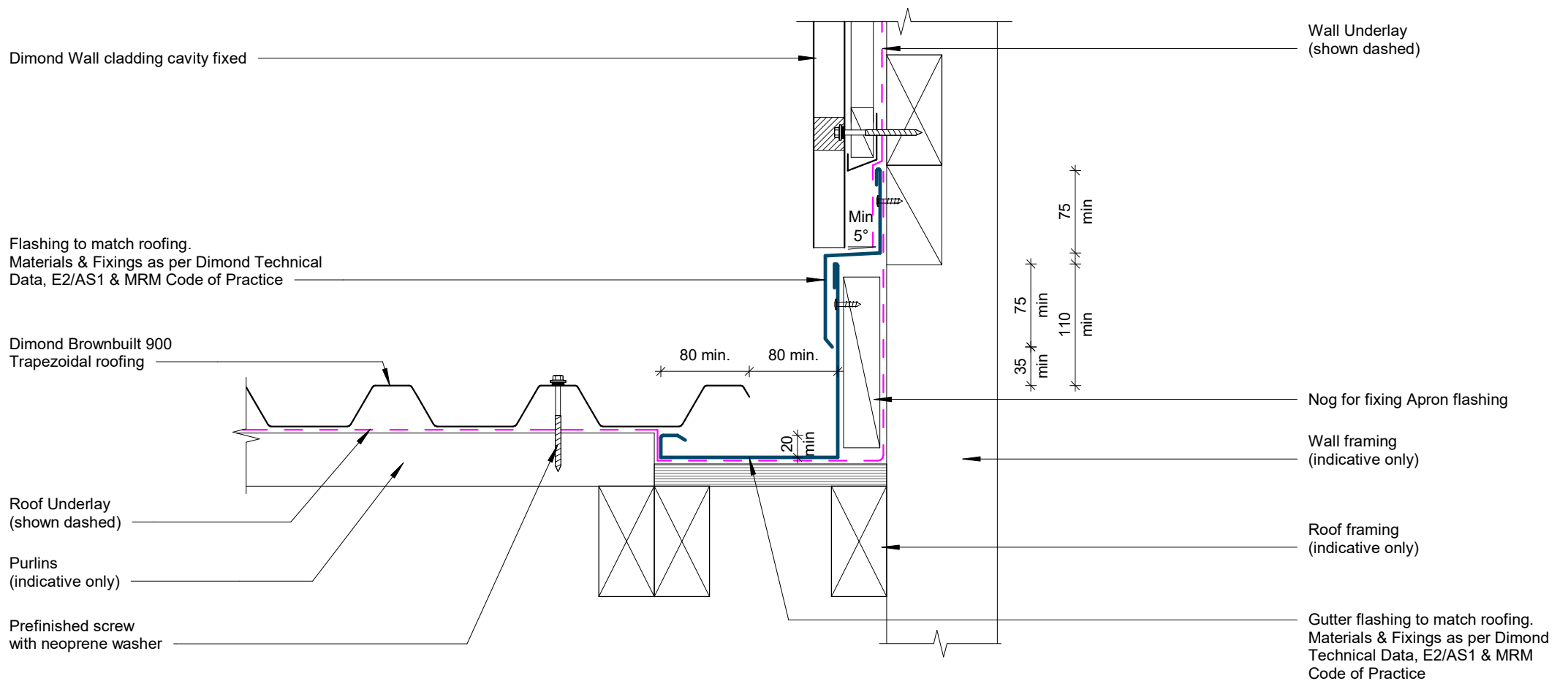
Parallel Hidden Gutter Detail

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Date: May 2025 Scale: 1 : 5 Sheet: **BBRR16**



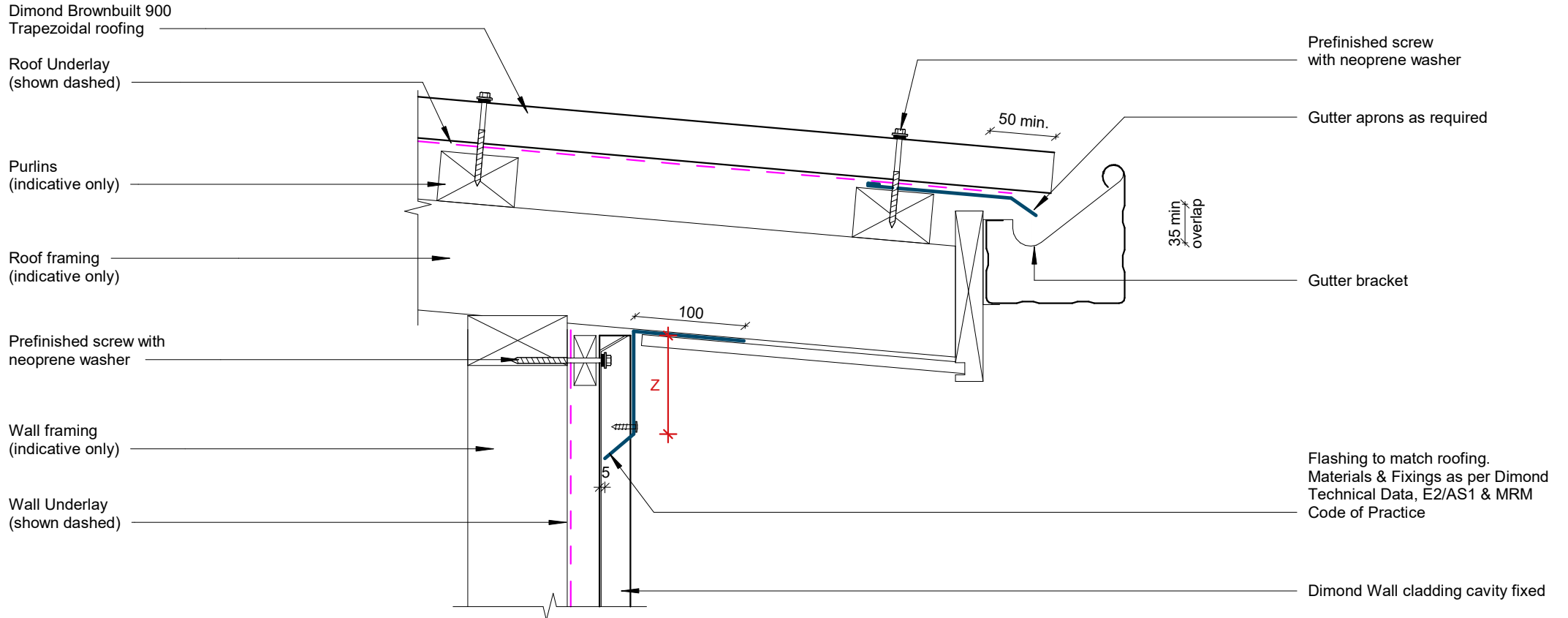
GENERAL NOTE

Cavity battens or timber framing that contain copper must be separated from steel cladding by a strip of wall or roof underlay or DPC.

Parallel Hidden Gutter Two Piece Detail

COVER DIMENSIONS AS PER E2/AS1

	SITUATION 1	SITUATION 2	SITUATION 3
	Low, Medium & High Wind Zones where roof pitch $\geq 10^\circ$ (Excludes any soft edge or turn-down)	All roof pitches in Very High zone. Low, Medium & High Wind Zones where roof pitch $\leq 10^\circ$ (Excludes any soft edge or turn-down)	All roof pitches in Extra High wind zone (Excludes any soft edge or turn-down)
X	130 MIN	200 MIN	200 MIN
Y	Cover at least two crests (turned-up edge to full crest height constitutes a crest)		
Z	50 MIN	70 MIN	90 MIN



GENERAL NOTE

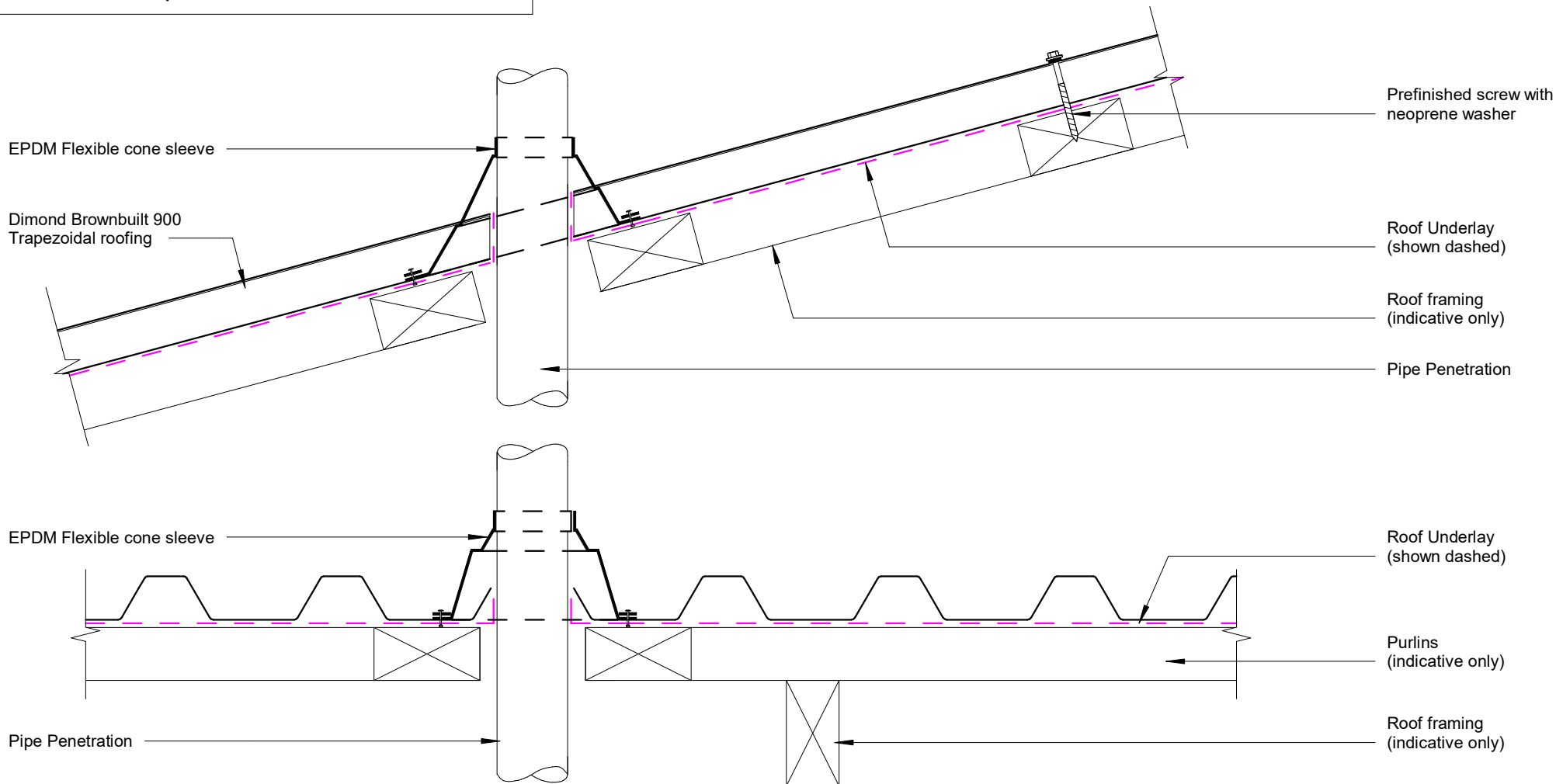
Cavity battens or timber framing that contain copper must be separated from steel cladding by a strip of wall or roof underlay or DPC.

Eave Detail

Note:

Min 10° for pipe penetration direct fix boot flashing is applicable for when less than 50% blockage occurs.

When exceeding 50% blockage, refer to back tray boot flashing. Refer MRM code of practice.

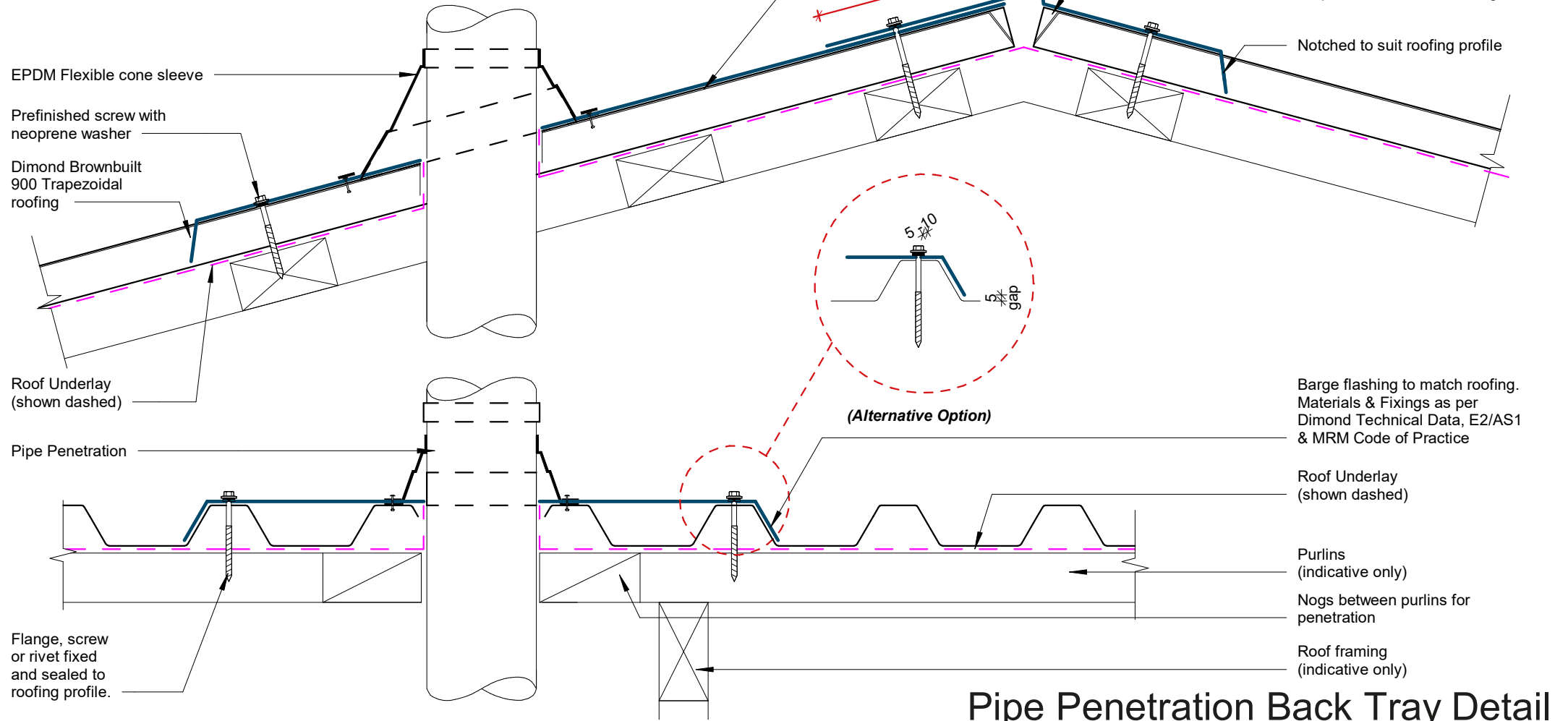


Pipe Penetration Direct Fix Detail

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COVER DIMENSIONS AS PER E2/AS1		
SITUATION 1	SITUATION 2	SITUATION 3
Low, Medium & High Wind Zones where roof pitch $\geq 10^\circ$ (Excludes any soft edge or turn-down)	All roof pitches in Very High zone. Low, Medium & High Wind Zones where roof pitch $\leq 10^\circ$ (Excludes any soft edge or turn-down)	All roof pitches in Extra High wind zone (Excludes any soft edge or turn-down)
X 130 MIN	200 MIN	200 MIN
Y Cover at least two crests (turned-up edge to full crest height constitutes a crest)		
Z 50 MIN	70 MIN	90 MIN

Note:
Min 3° for pipe penetration with a boot flashing.
Refer MRM code of practice



Pipe Penetration Back Tray Detail



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Date: May 2025 Scale: 1 : 5 Sheet: **BBRR20**