

# DP955

## RESIDENTIAL ROOFING

### DETAILS:

### REV: DATE:

DPRR0	Cover Sheet	1	May 2025
DPRR1	Ridge Flashing Detail	1	May 2025
DPRR2	Barge Wall Detail	1	May 2025
DPRR3	Barge Soffit Detail	1	May 2025
DPRR4	Raking Barge Flashing Detail	1	May 2025
DPRR5	Sawtooth Wall Detail	1	May 2025
DPRR6	Sawtooth Soffit Detail	1	May 2025
DPRR7	Parapet Apron Detail	1	May 2025
DPRR8	Apron Parallel Detail	1	May 2025
DPRR9	Apron Parallel Two Piece Detail	1	May 2025
DPRR10	Apron Transverse Detail	1	May 2025
DPRR11	Apron Transverse Two Piece Detail	1	May 2025
DPRR12	Change of Pitch Detail	1	May 2025
DPRR13	Mansard Detail	1	May 2025
DPRR14	Valley Detail	1	May 2025
DPRR15	Internal Gutter Detail	1	May 2025
DPRR16	Parallel Hidden Gutter Detail	1	May 2025
DPRR17	Parallel Hidden Gutter Two Piece Detail	1	May 2025
DPRR18	Eave Detail	1	May 2025
DPRR19	Pipe Penetration Direct Fix Detail	1	May 2025
DPRR20	Pipe Penetration Back Tray Detail	1	May 2025

**COVER DIMENSIONS AS PER E2/AS1**

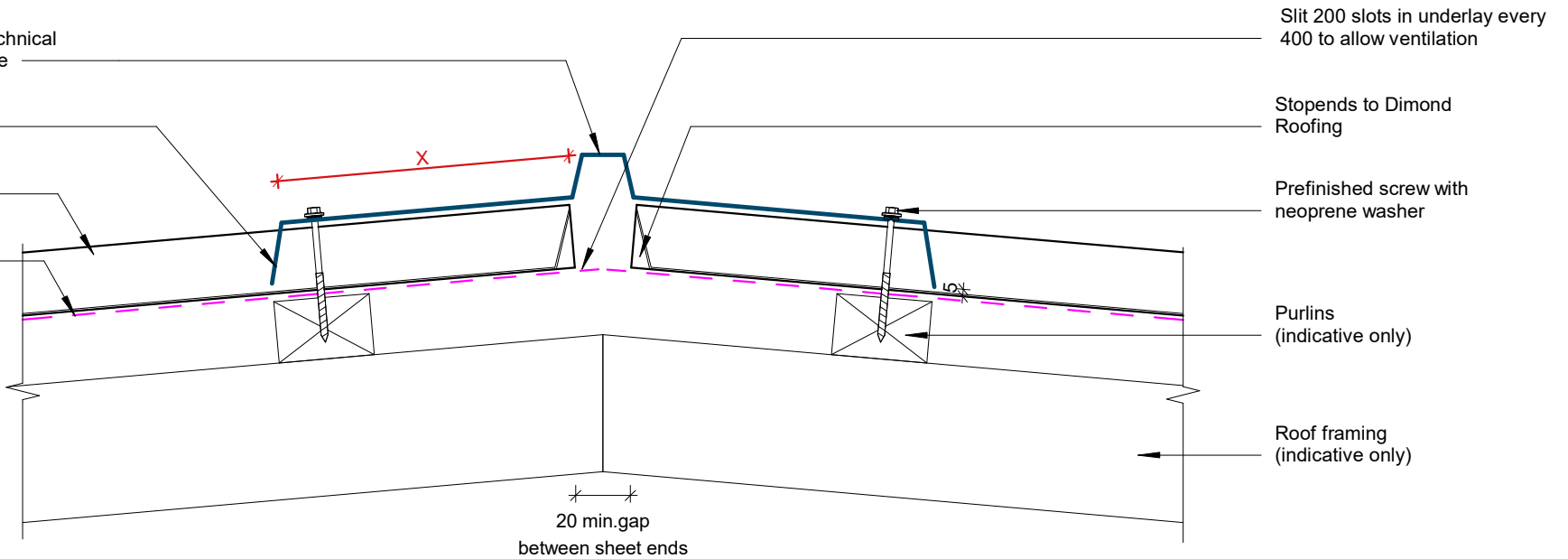
	<b>SITUATION 1</b>	<b>SITUATION 2</b>	<b>SITUATION 3</b>
	Low, Medium & High Wind Zones where roof pitch $\geq 10^\circ$ (Excludes any soft edge or turn-down)	All roof pitches in Very High zone. Low, Medium & High Wind Zones where roof pitch $\leq 10^\circ$ (Excludes any soft edge or turn-down)	All roof pitches in Extra High wind zone (Excludes any soft edge or turn-down)
<b>X</b>	130 MIN	200 MIN	200 MIN
<b>Y</b>	Cover at least two crests (turned-up edge to full crest height constitutes a crest)		
<b>Z</b>	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 DP955 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)

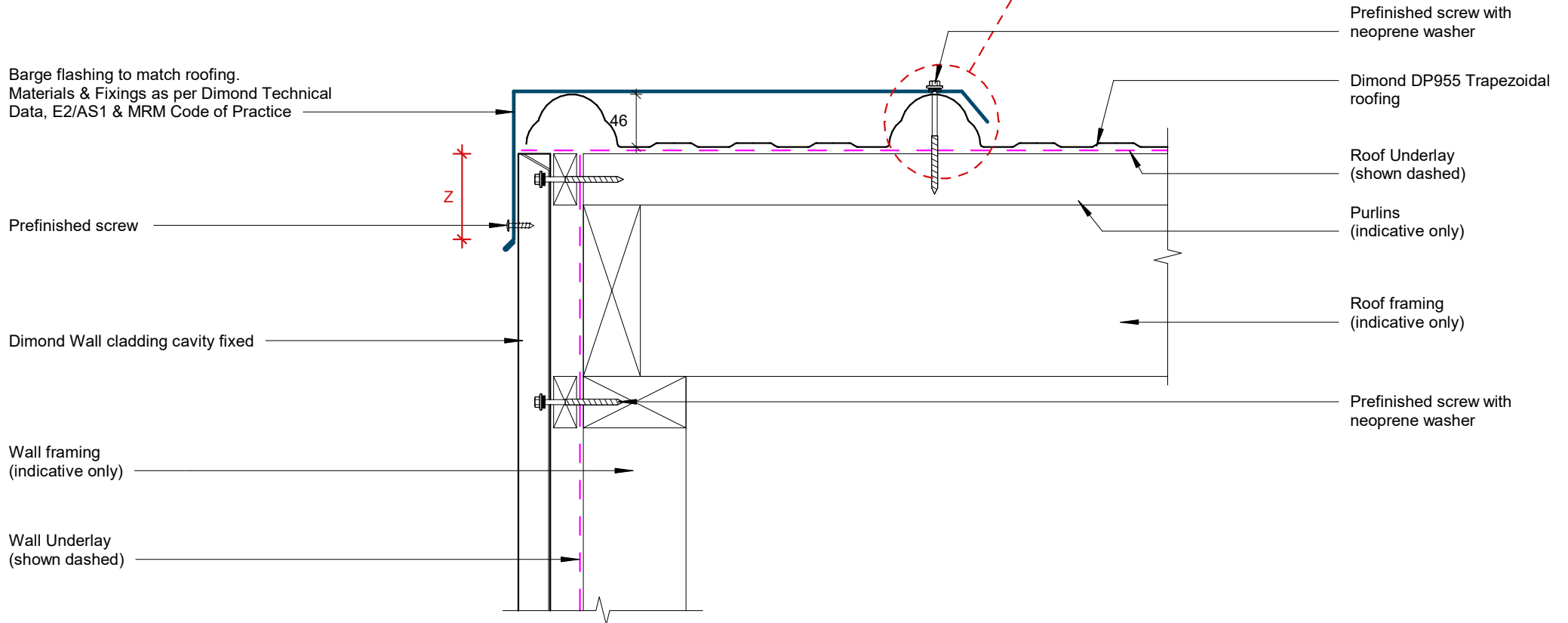
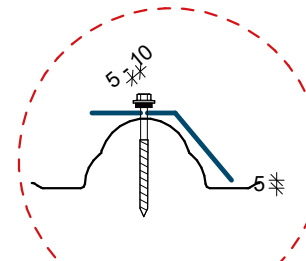
Roof framing (indicative only)

20 min.gap  
between sheet ends

# Ridge Flashing Detail

**COVER DIMENSIONS AS PER E2/AS1**

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

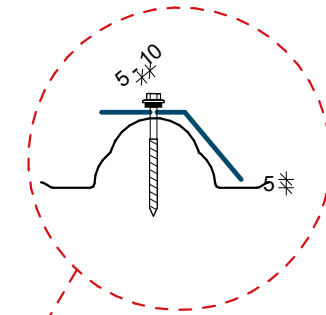


**GENERAL NOTE**

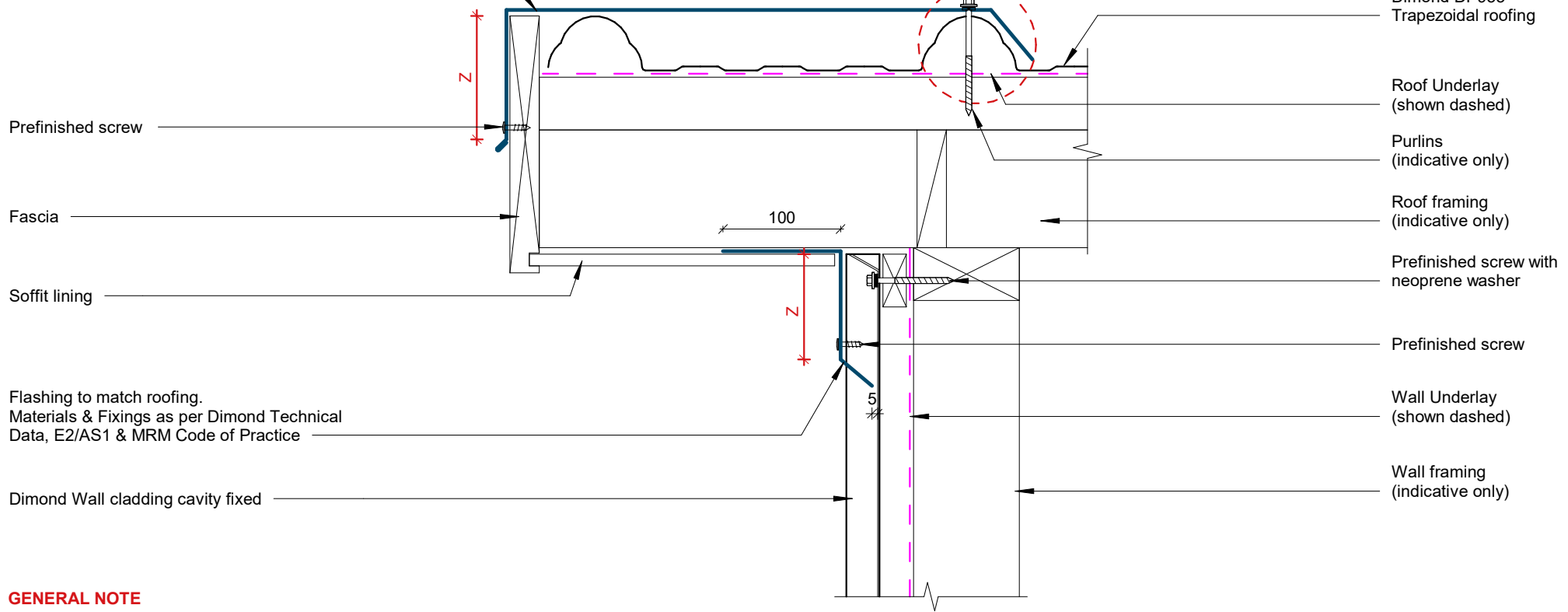
Cavity battens or timber framing that contain copper must be separated from steel cladding by a strip of wall or roof underlay or DPC.

# Barge Wall Detail

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



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



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.

# Barge Soffit Detail



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Rev: 1 DP955 Residential Roofing

Date: May 2025 Scale: 1 : 5 Sheet: DPRR3

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)
<b>X</b> 130 MIN	200 MIN	200 MIN
<b>Y</b> Cover at least two crests (turned-up edge to full crest height constitutes a crest)		
<b>Z</b> 50 MIN	70 MIN	90 MIN

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

Stops to Dimond Roofing

Prefinished screw

Fascia

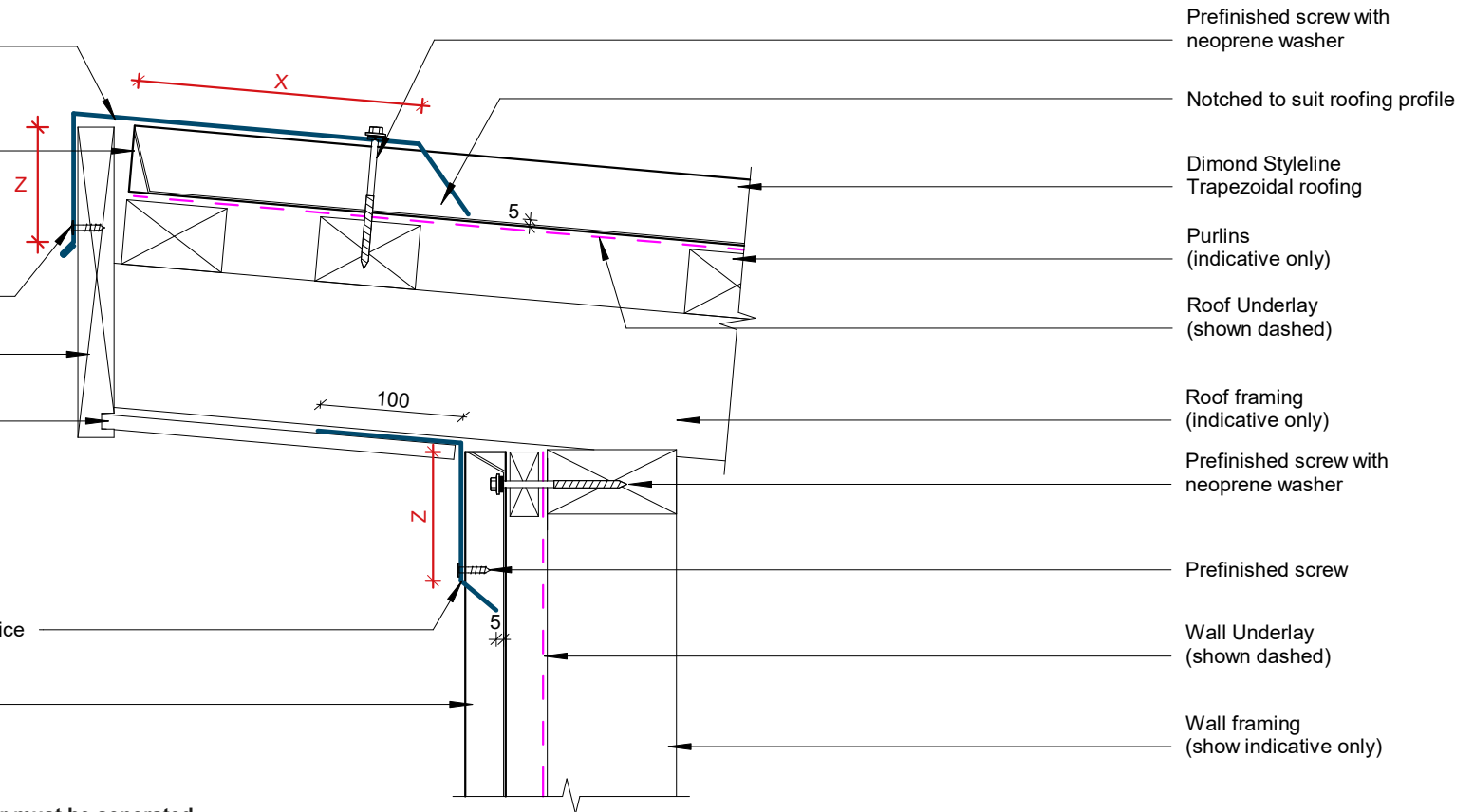
Soffit lining

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.



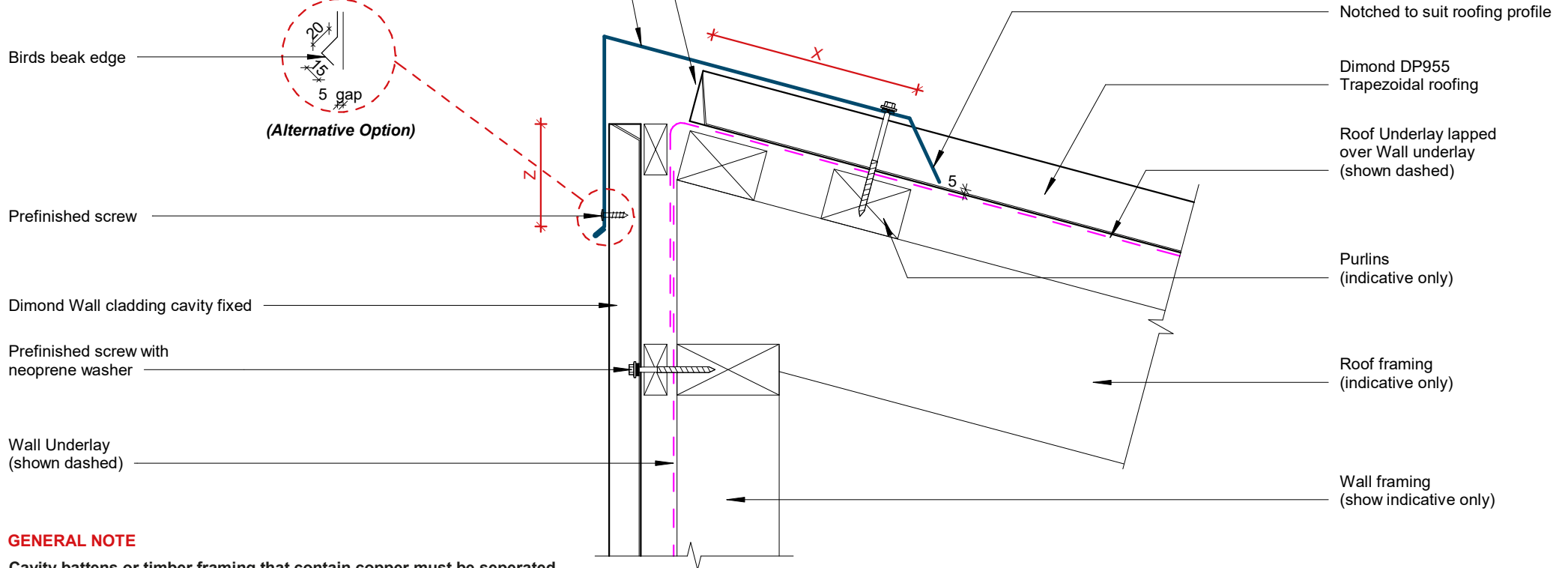
# Raking Barge Flashing Detail

**COVER DIMENSIONS AS PER E2/AS1**

	<b>SITUATION 1</b>	<b>SITUATION 2</b>	<b>SITUATION 3</b>
	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)
<b>X</b>	130 MIN	200 MIN	200 MIN
<b>Y</b>	Cover at least two crests (turned-up edge to full crest height constitutes a crest)		
<b>Z</b>	50 MIN	70 MIN	90 MIN

Stops ends to Dimond Roofing

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.

# Sawtooth Wall Detail

**COVER DIMENSIONS AS PER E2/AS1**

	<b>SITUATION 1</b>	<b>SITUATION 2</b>	<b>SITUATION 3</b>
	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)
<b>X</b>	130 MIN	200 MIN	200 MIN
<b>Y</b>	Cover at least two crests (turned-up edge to full crest height constitutes a crest)		
<b>Z</b>	50 MIN	70 MIN	90 MIN

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

Stopends to Dimond Roofing

Birds beak edge

Prefinished screw

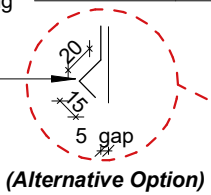
Fascia

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



Notched to suit roofing profile

Dimond DP955 Trapezoidal roofing

Roof Underlay lapped over Wall underlay (shown dashed)

Purlins (indicative only)

Roof framing (indicative only)

Wall framing (shown indicative only)

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 Soffit Detail

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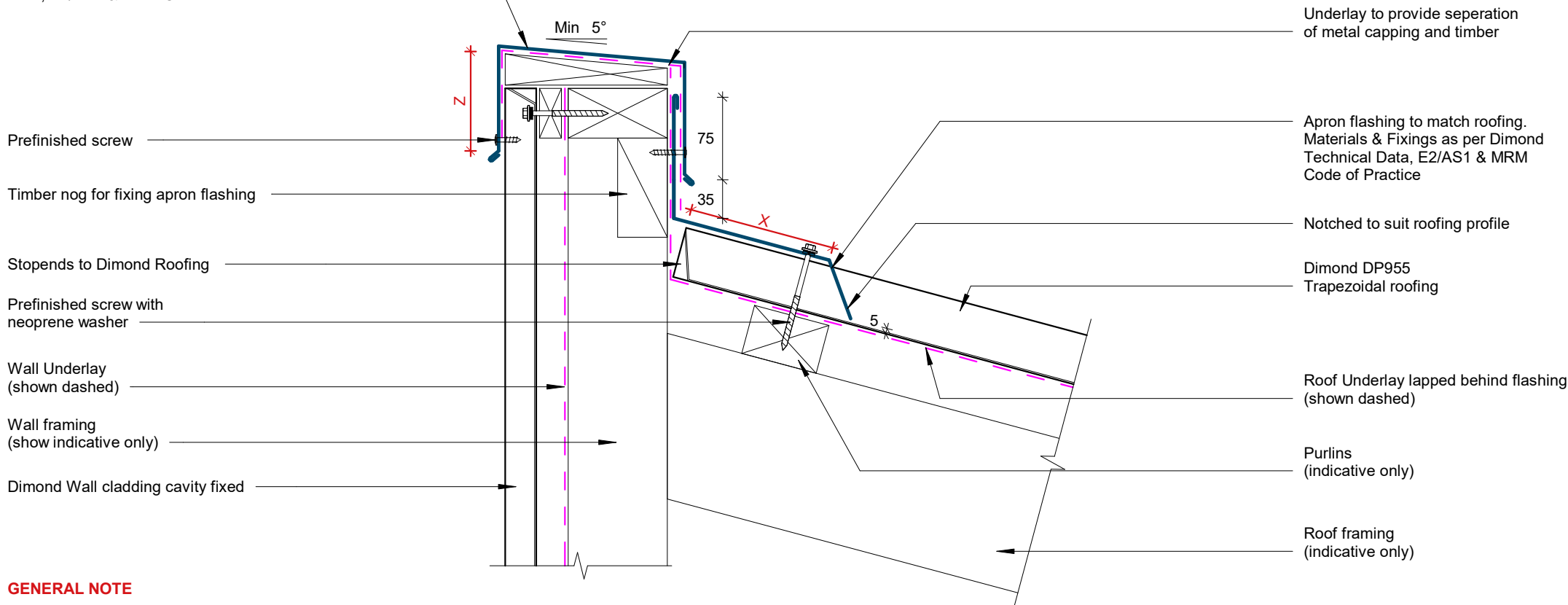
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Date: May 2025 Scale: 1 : 5 Sheet: DPRR6

**COVER DIMENSIONS AS PER E2/AS1**

	<b>SITUATION 1</b>	<b>SITUATION 2</b>	<b>SITUATION 3</b>
	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)
<b>X</b>	130 MIN	200 MIN	200 MIN
<b>Y</b>	Cover at least two crests (turned-up edge to full crest height constitutes a crest)		
<b>Z</b>	50 MIN	70 MIN	90 MIN

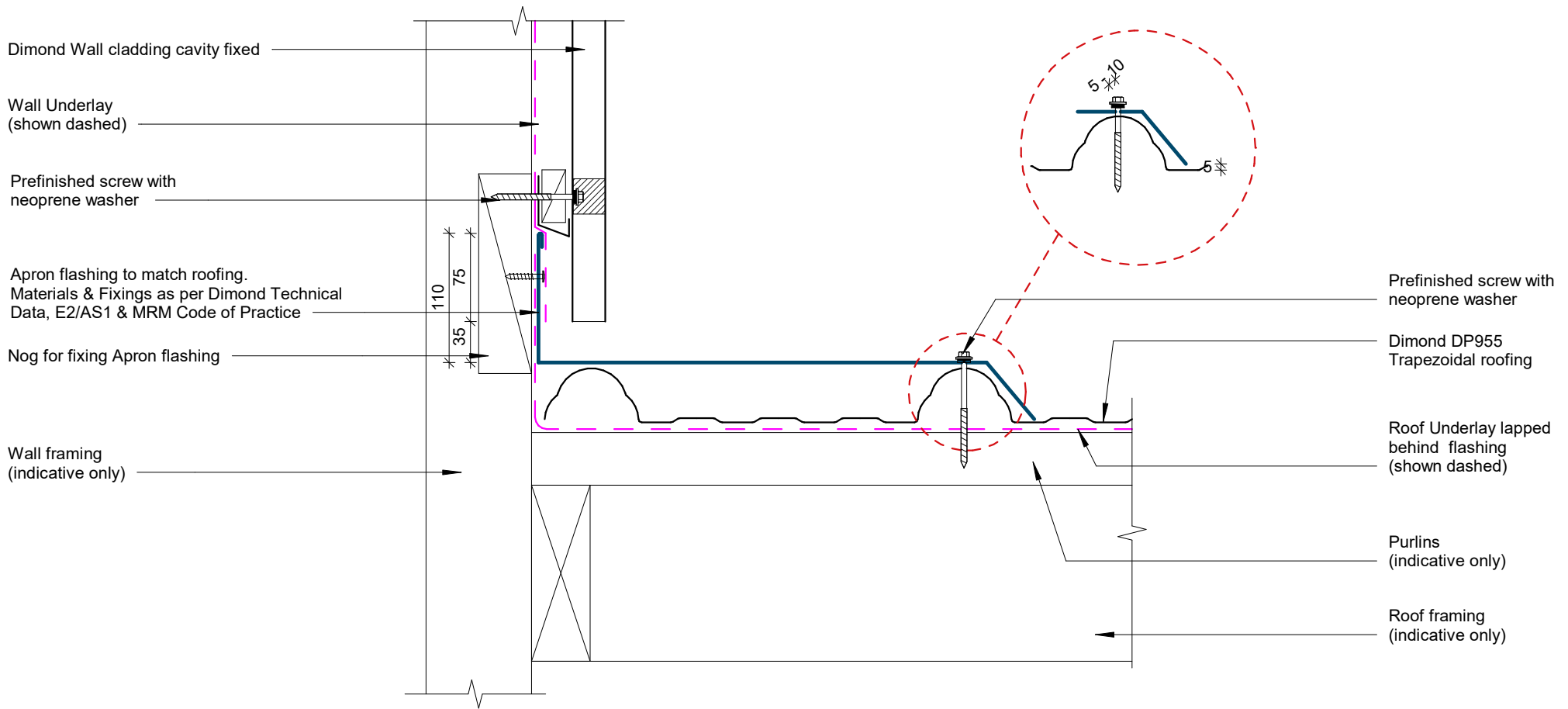
Parapet cap flashing to match roofing.  
Materials & Fixings as per Dimond Technical Data, E2/AS1 & MRM Code of Practice



**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.

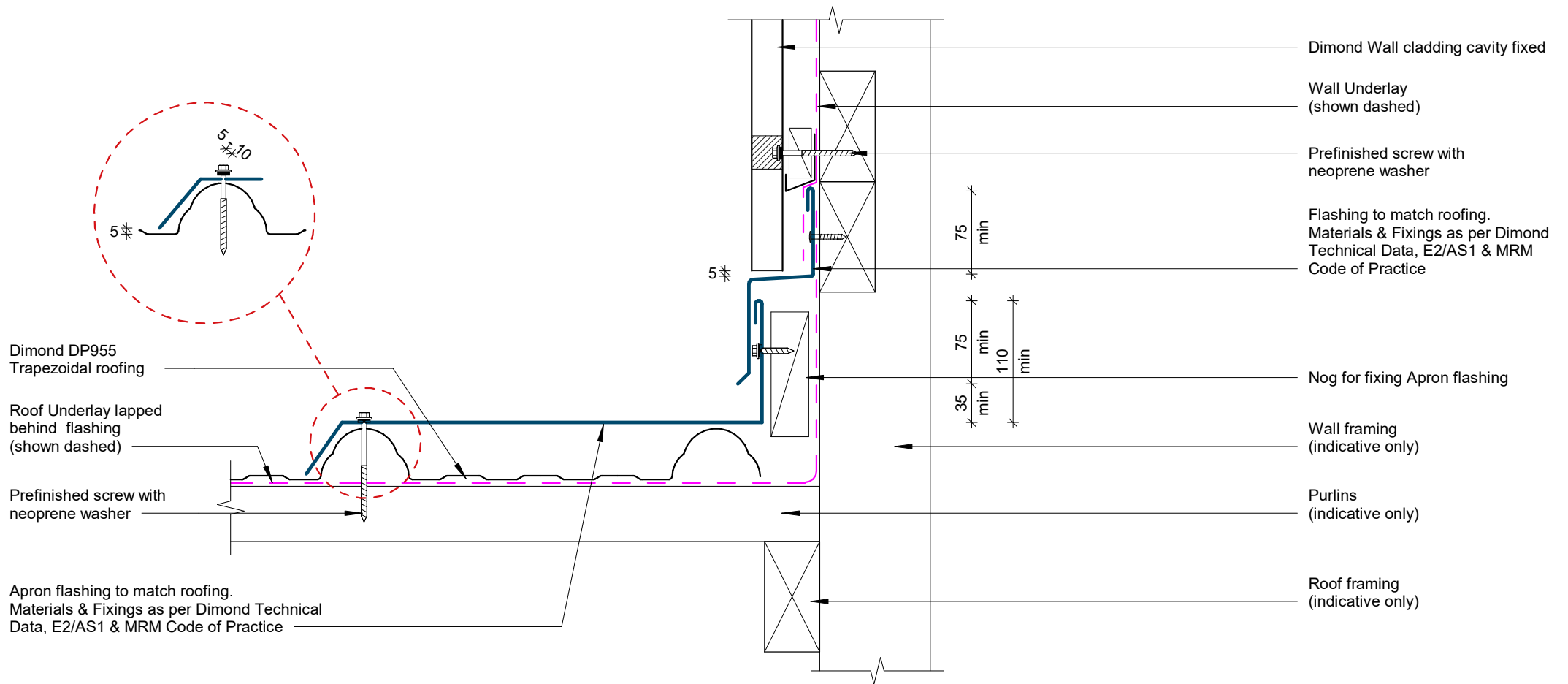
# Parapet Apron Detail



**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



**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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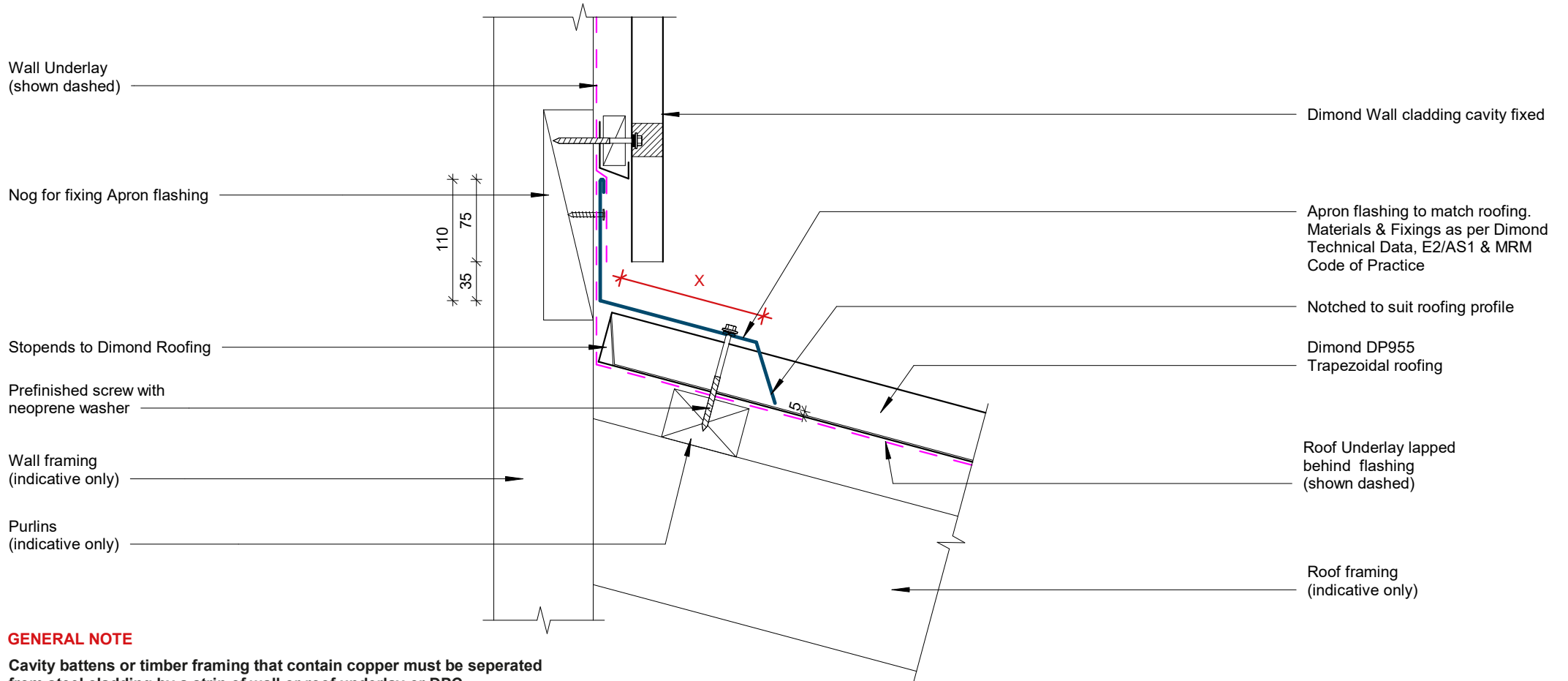
Rev: 1

**DP955 Residential Roofing**

Date: May 2025 Scale: 1 : 5 Sheet: **DPRR9**

**COVER DIMENSIONS AS PER E2/AS1**

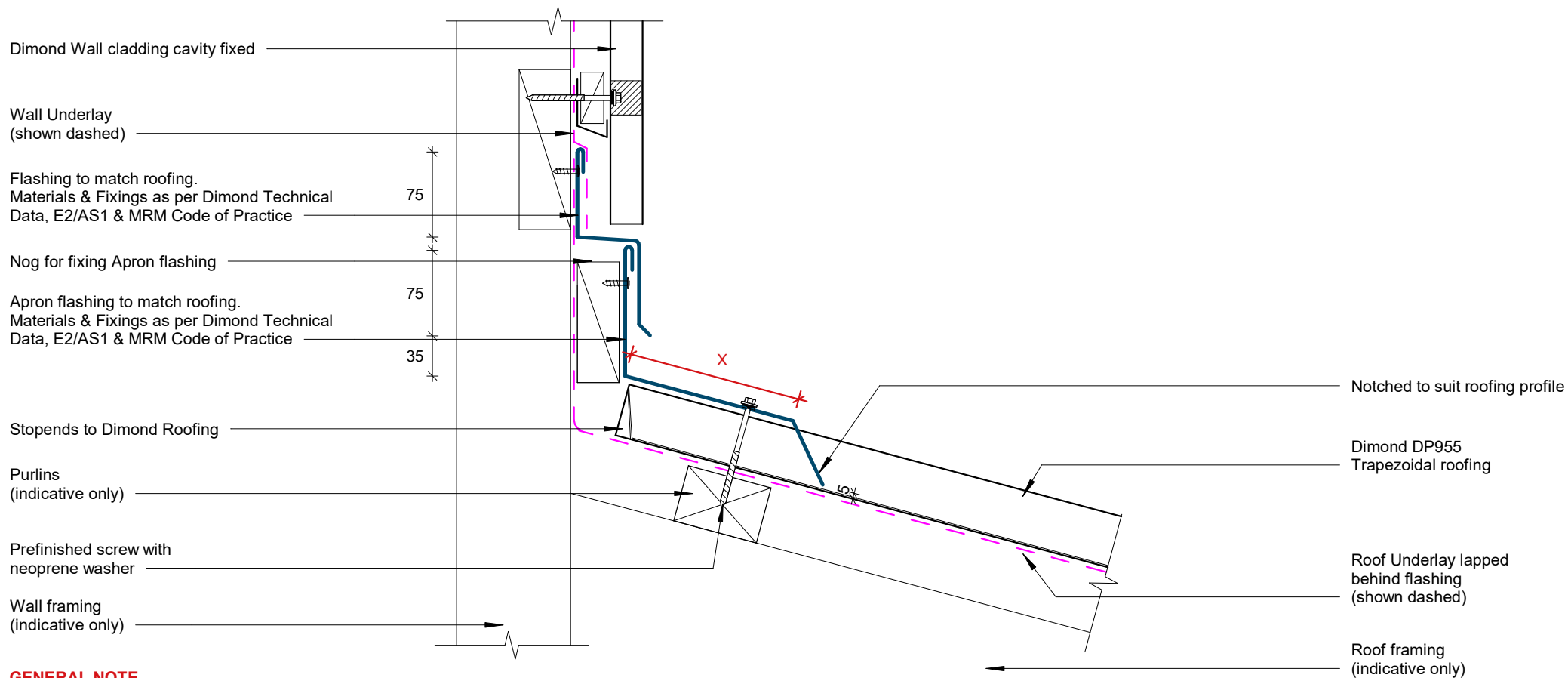
	<b>SITUATION 1</b>	<b>SITUATION 2</b>	<b>SITUATION 3</b>
	Low, Medium & High Wind Zones where roof pitch $\geq 10^\circ$ (Excludes any soft edge or turn-down)	All roof pitches in Very High zone. Low, Medium & High Wind Zones where roof pitch $\leq 10^\circ$ (Excludes any soft edge or turn-down)	All roof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



## Apron Transverse Detail

**COVER DIMENSIONS AS PER E2/AS1**

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

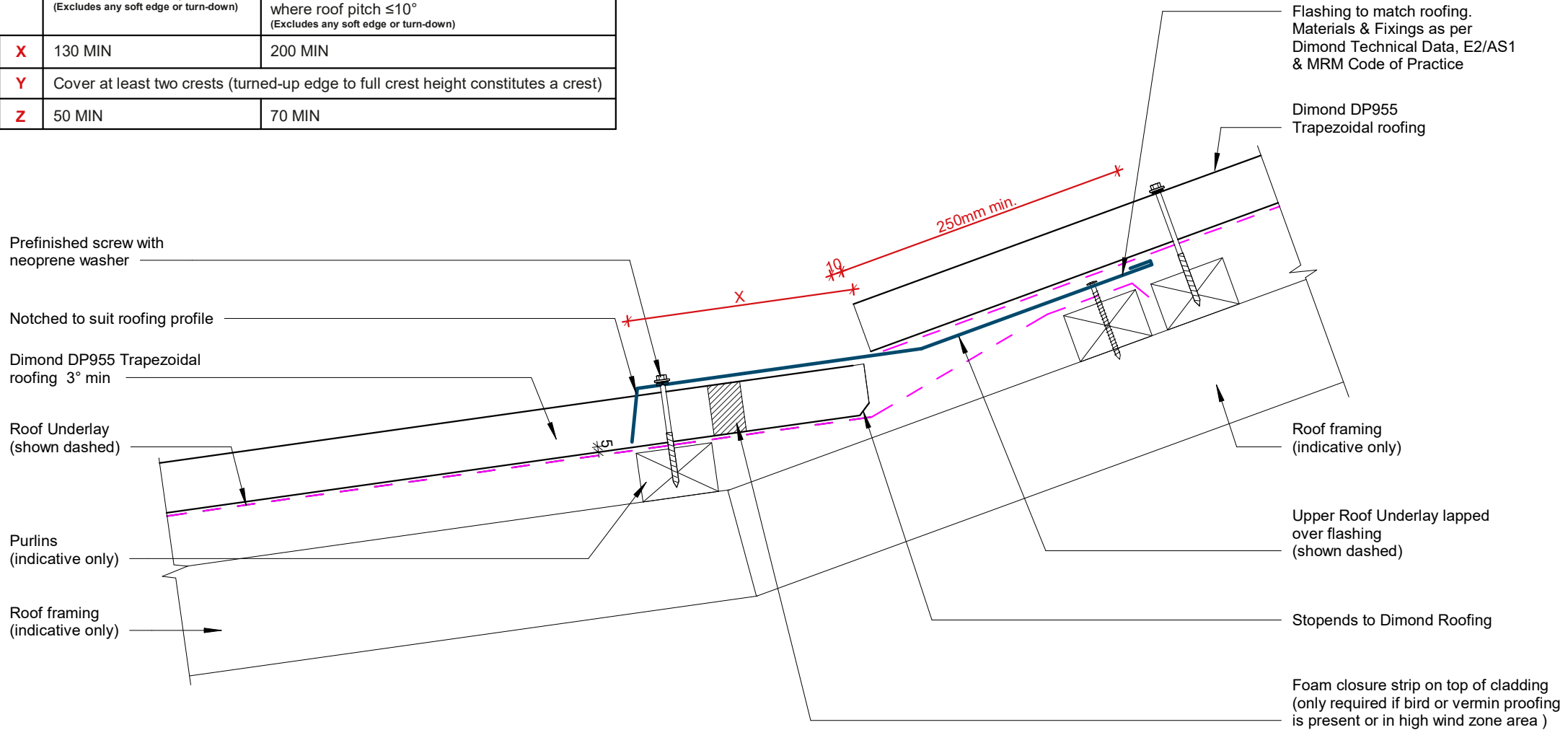
**SITUATION 1**

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)

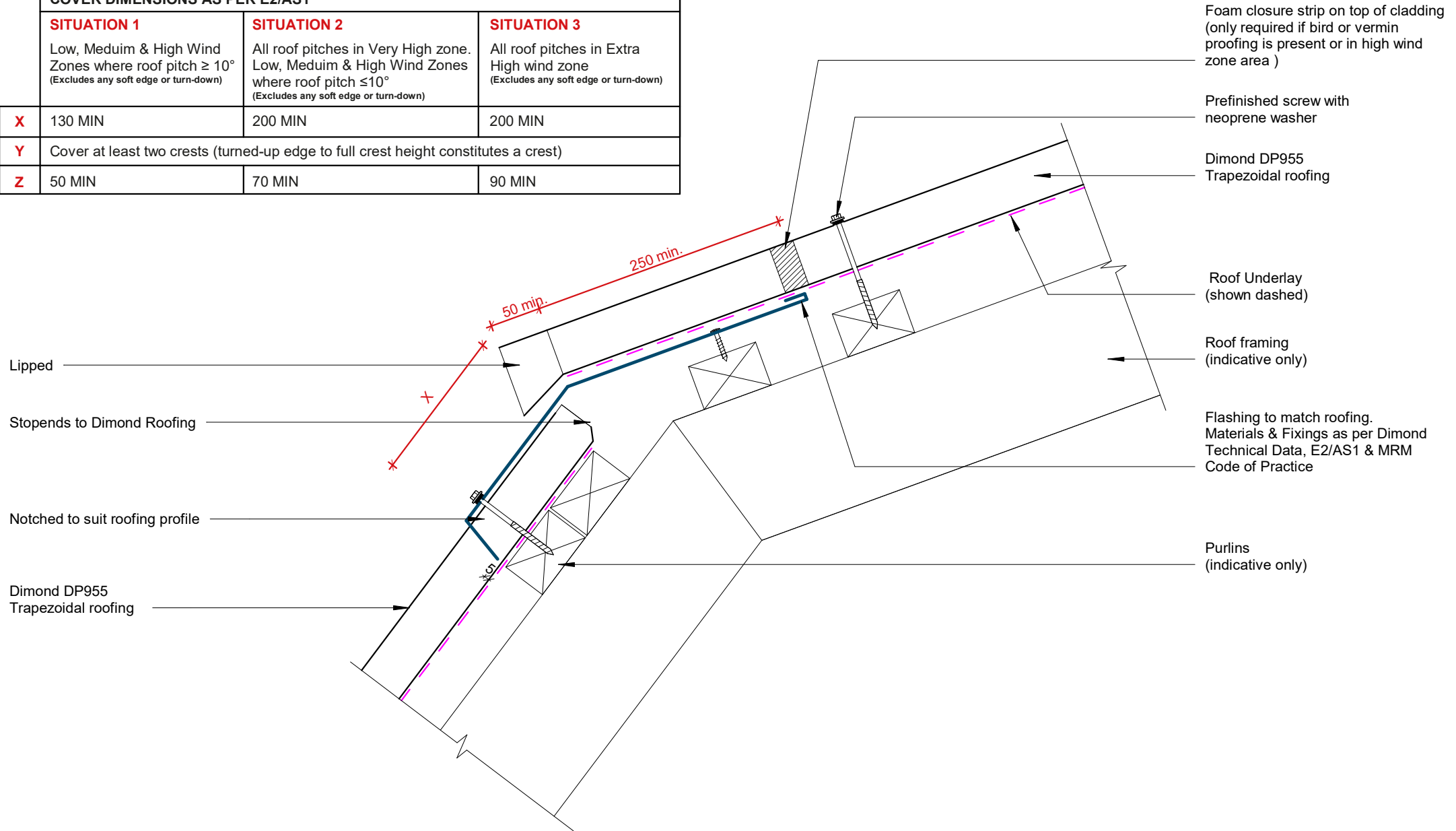
<b>X</b>	130 MIN	200 MIN
<b>Y</b>	Cover at least two crests (turned-up edge to full crest height constitutes a crest)	
<b>Z</b>	50 MIN	70 MIN



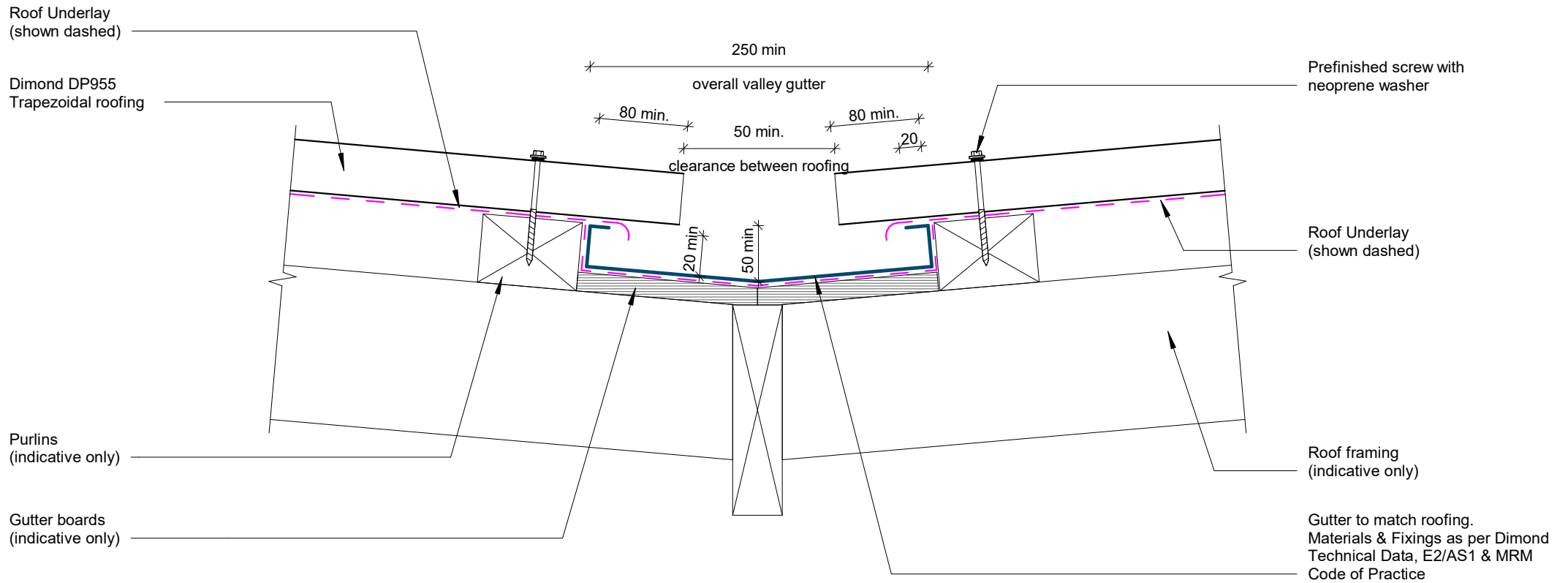
## Change of Pitch Detail

**COVER DIMENSIONS AS PER E2/AS1**

	<b>SITUATION 1</b>	<b>SITUATION 2</b>	<b>SITUATION 3</b>
	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)
<b>X</b>	130 MIN	200 MIN	200 MIN
<b>Y</b>	Cover at least two crests (turned-up edge to full crest height constitutes a crest)		
<b>Z</b>	50 MIN	70 MIN	90 MIN



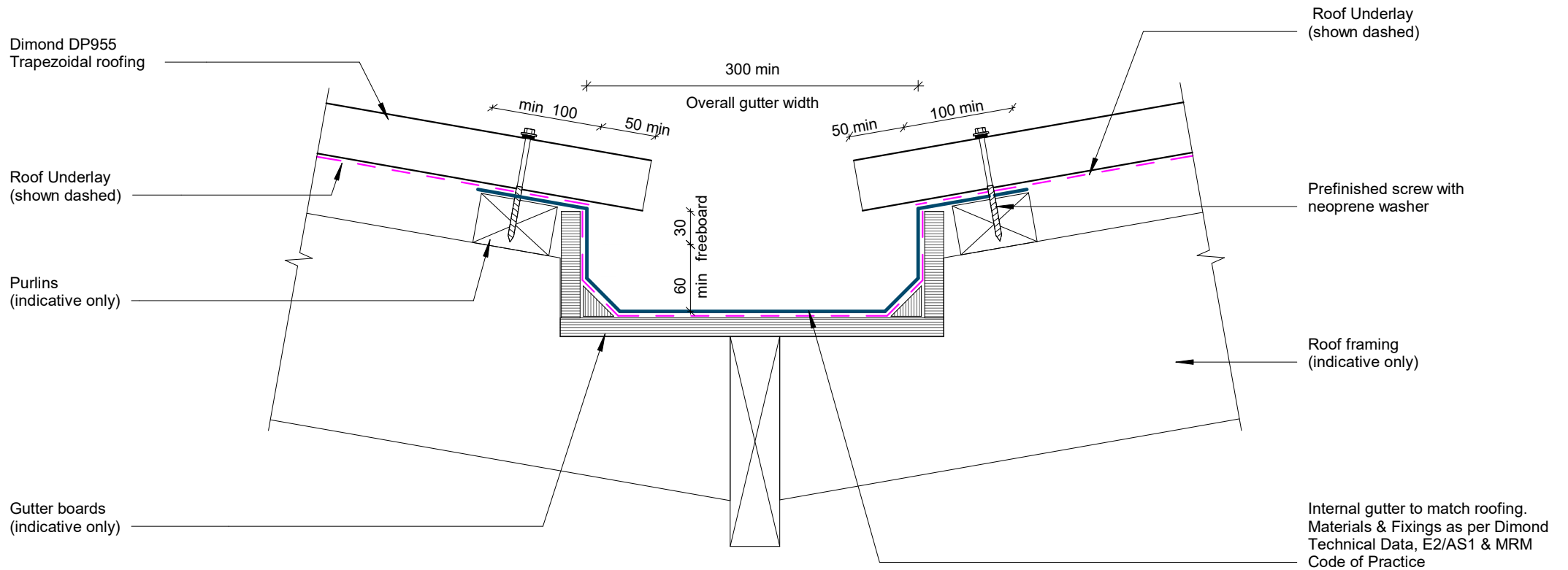
# Mansard Detail



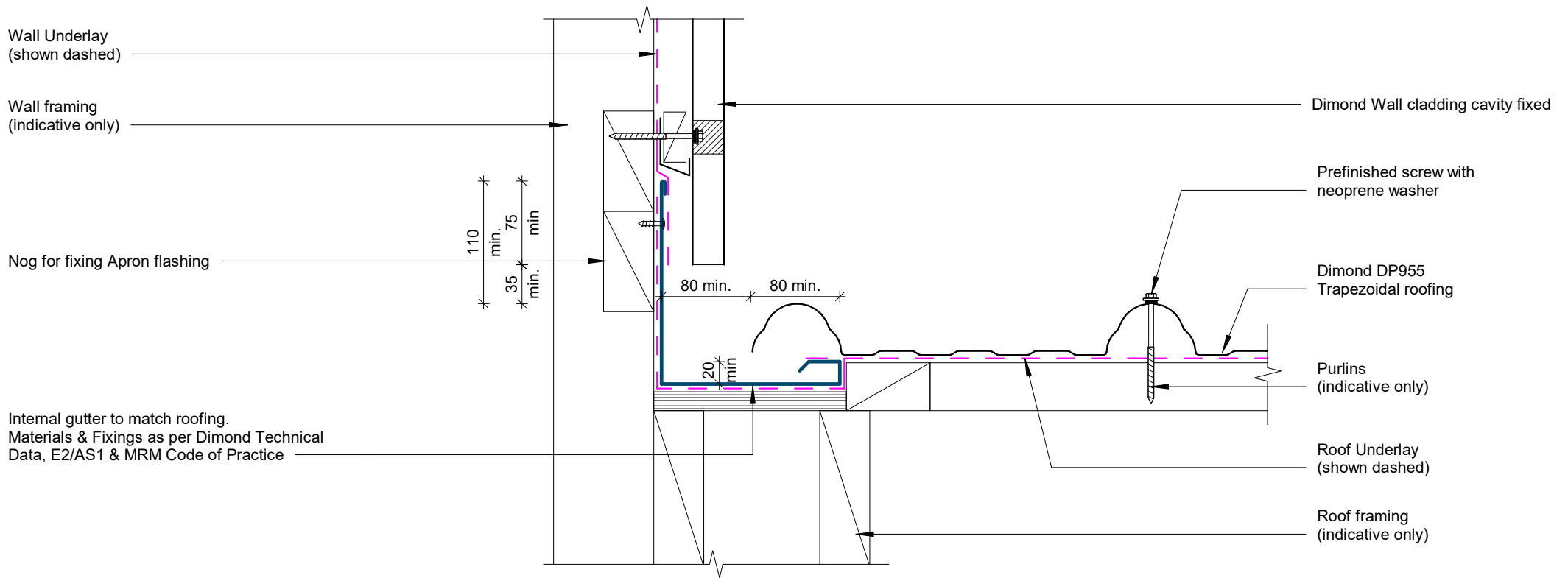
Refer to New Zealand metal roof manufacturers code of practice for design & minimum dimensions for valley gutter.

## 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.



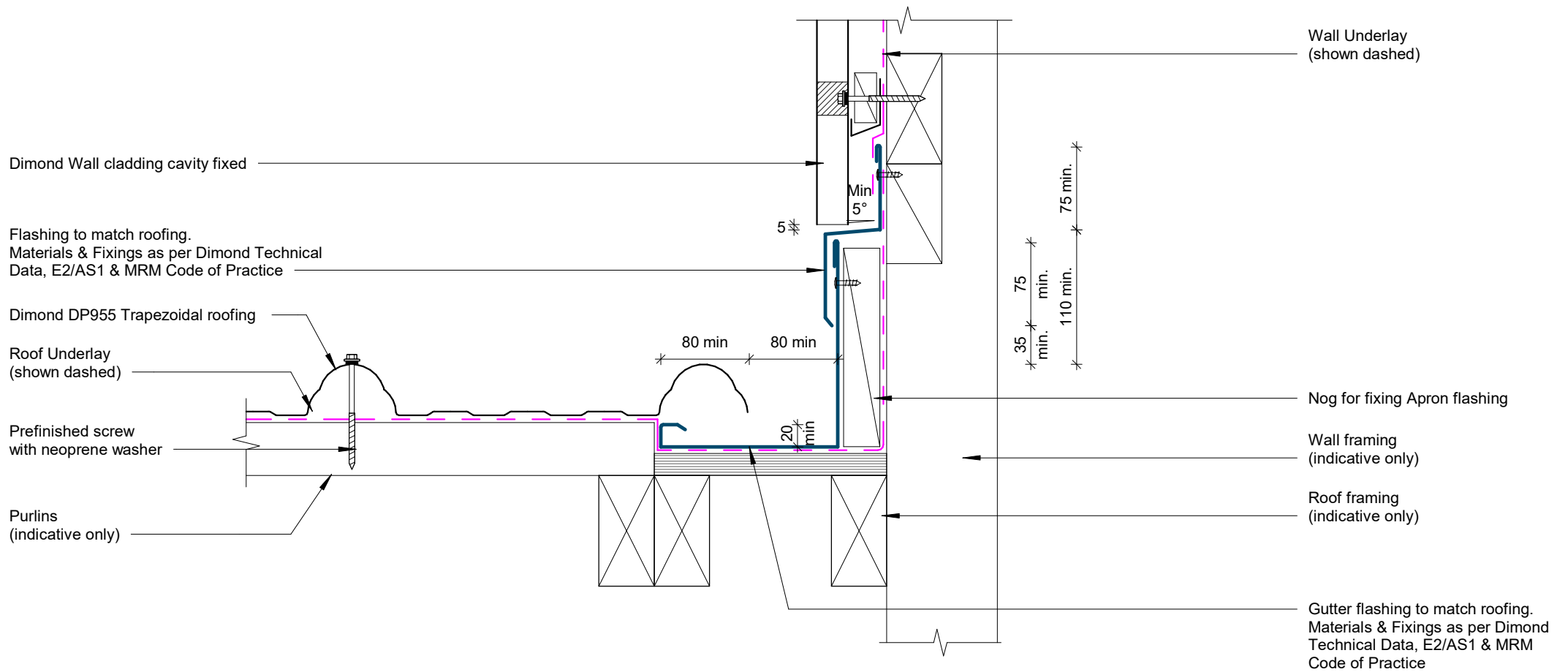
## Internal Gutter Detail



**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

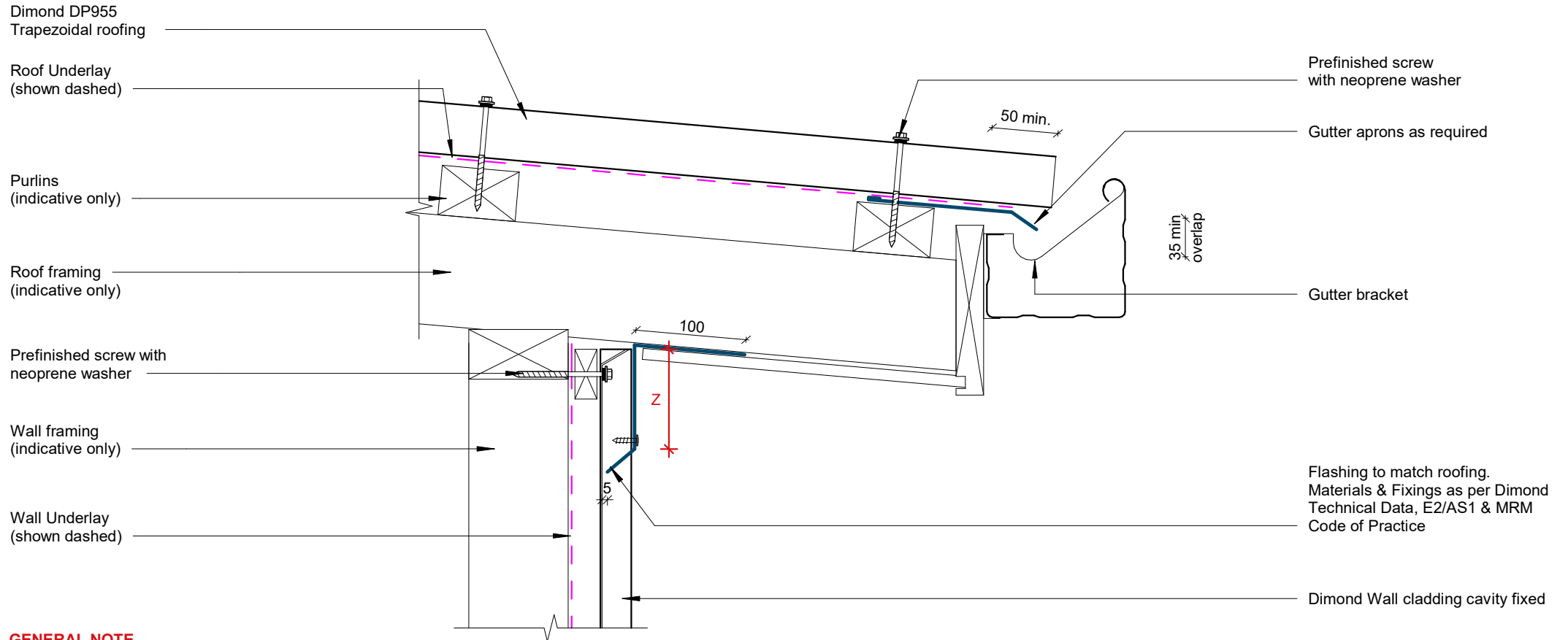


**GENERAL NOTE**

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)
<b>X</b> 130 MIN	200 MIN	200 MIN
<b>Y</b> Cover at least two crests (turned-up edge to full crest height constitutes a crest)		
<b>Z</b> 50 MIN	70 MIN	90 MIN



**GENERAL NOTE**

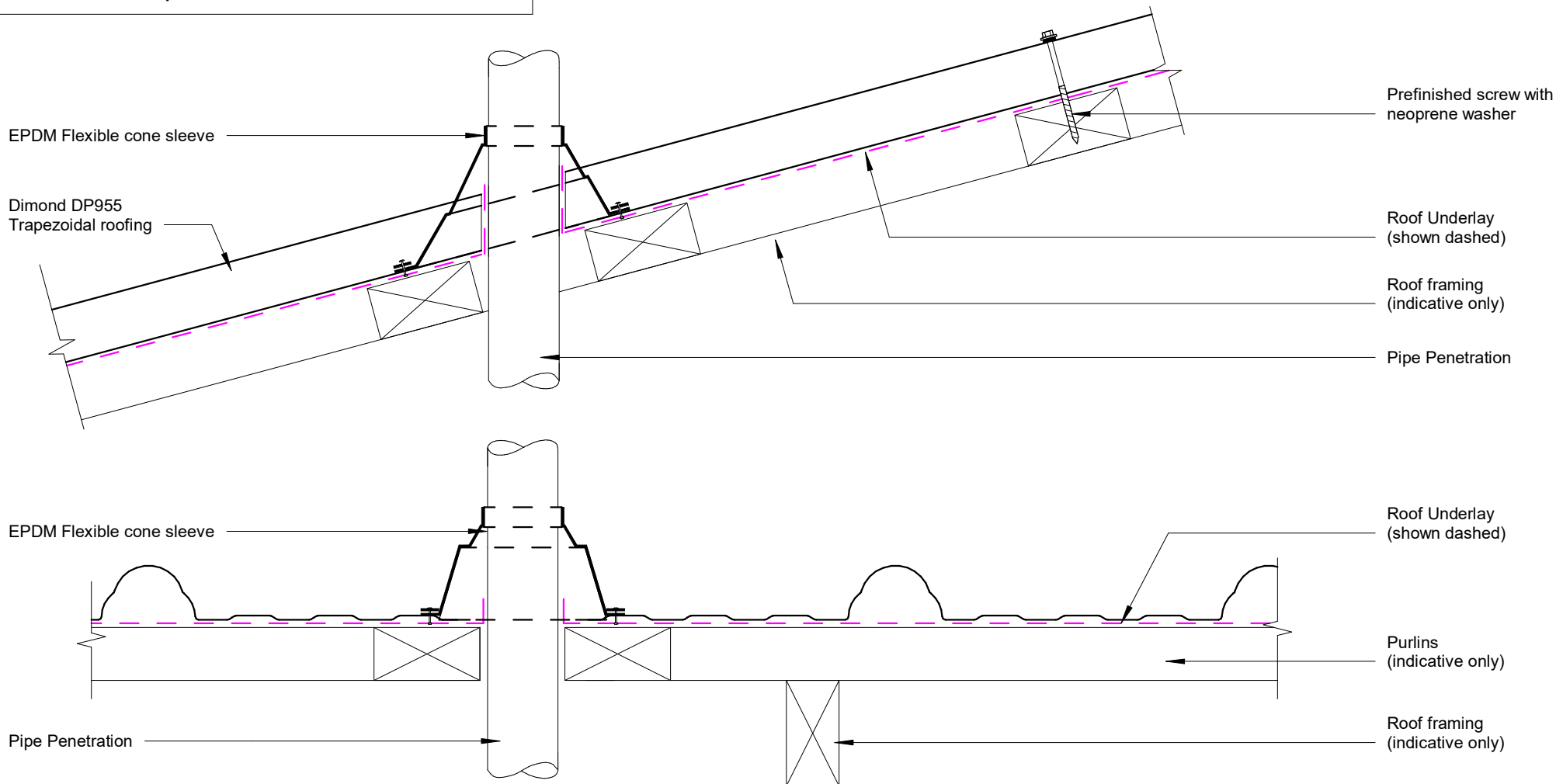
Cavity battens or timber framing that contain copper must be separated from steel cladding by a strip of wall or roof underlay or DPC.

# 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

**COVER DIMENSIONS AS PER E2/AS1**

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

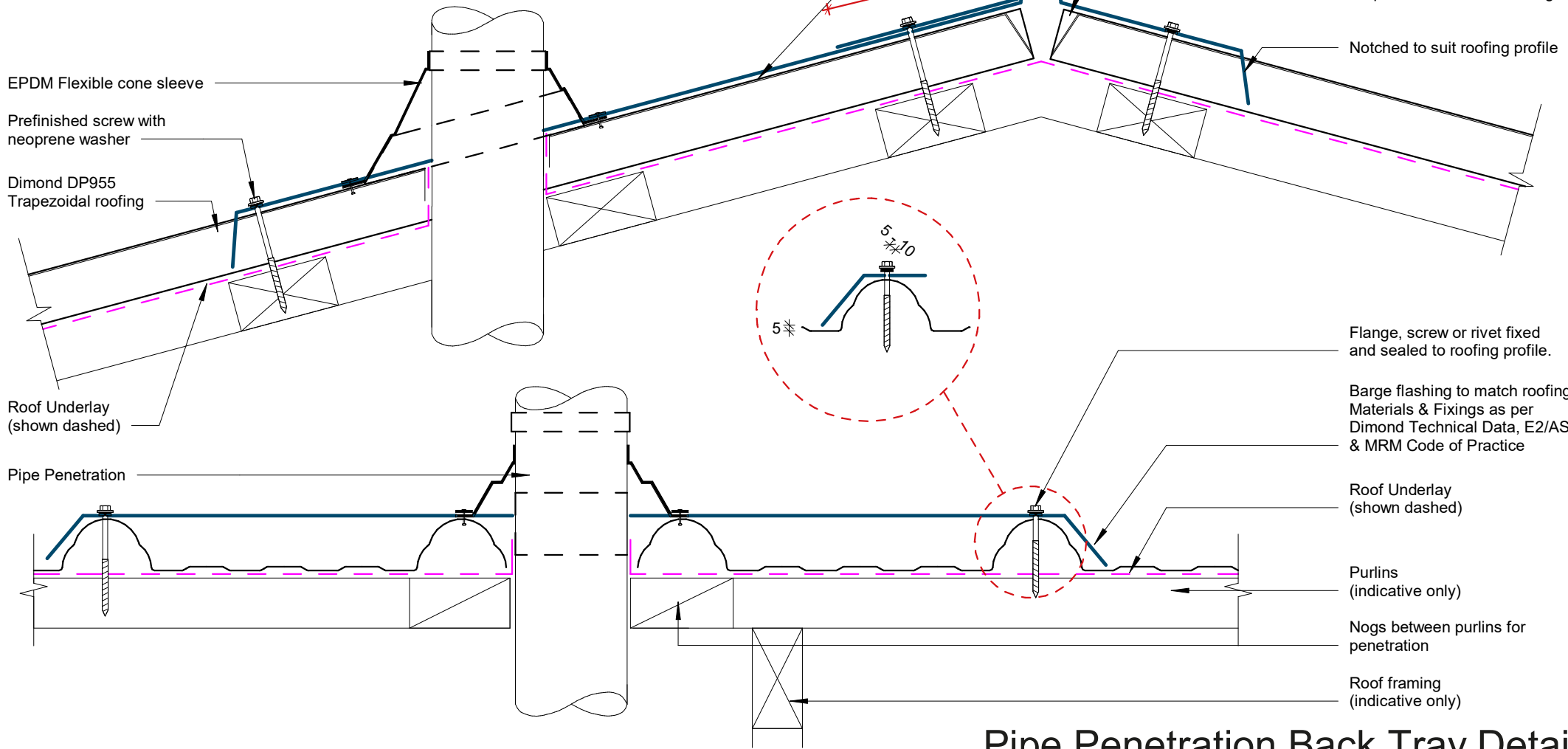
**Note:**  
Min 3° for pipe penetration with a boot flashing.  
Refer MRM code of practice

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

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

Stopends to Dimond Roofing

Notched to suit roofing profile



Flange, screw or rivet fixed and sealed to roofing profile.

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

Roof Underlay (shown dashed)

Purlins (indicative only)

Nogs between purlins for penetration

Roof framing (indicative only)

## Pipe Penetration Back Tray Detail



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Rev: 1

**DP955 Residential Roofing**

Date: May 2025 Scale: 1 : 5 Sheet: **DPRR20**