

# HI FIVE

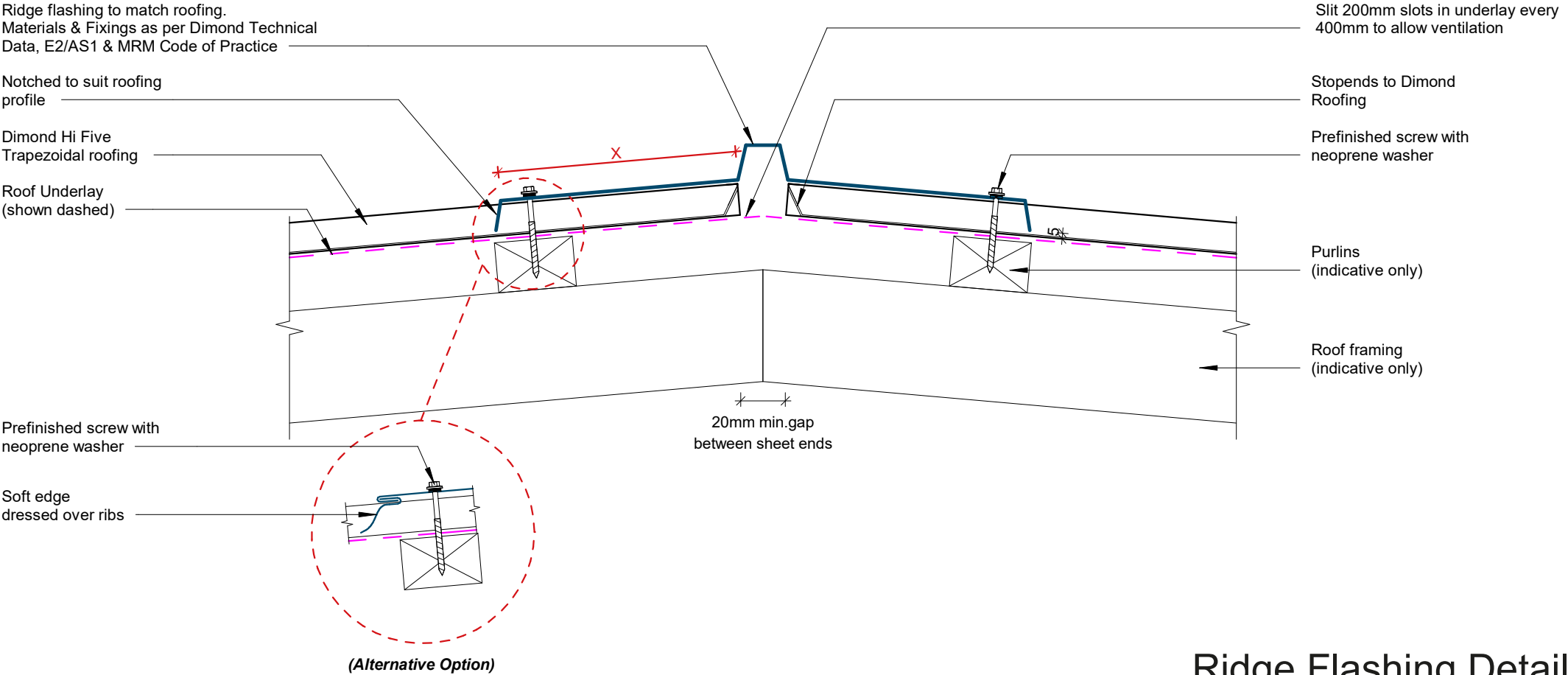
## RESIDENTIAL ROOFING

### DETAILS:

### REV:    DATE:

HFRR0	Cover Sheet	2	July 2025
HFRR1	Ridge Flashing Detail	2	July 2025
HFRR2	Barge Wall Detail	2	July 2025
HFRR3	Barge Soffit Detail	2	July 2025
HFRR4	Raking Barge Flashing Detail	2	July 2025
HFRR5	Sawtooth Wall Detail	2	July 2025
HFRR6	Sawtooth Soffit Detail	2	July 2025
HFRR7	Parapet Apron Detail	2	July 2025
HFRR8	Apron Parallel Detail	2	July 2025
HFRR9	Apron Parallel Two Piece Detail	2	July 2025
HFRR10	Apron Transverse Detail	2	July 2025
HFRR11	Apron Transverse Two Piece Detail	2	July 2025
HFRR12	Change of Pitch Detail	2	July 2025
HFRR13	Mansard Detail	2	July 2025
HFRR14	Valley Detail	2	July 2025
HFRR15	Internal Gutter Detail	2	July 2025
HFRR16	Parallel Hidden Gutter Detail	2	July 2025
HFRR17	Parallel Hidden Gutter Two Piece Detail	2	July 2025
HFRR18	Eave Detail	2	July 2025
HFRR19	Pipe Penetration Direct Fix Detail	2	July 2025
HFRR20	Pipe Penetration Back Tray Detail	2	July 2025

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



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

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

Prefinished screw

Dimond Wall cladding cavity fixed

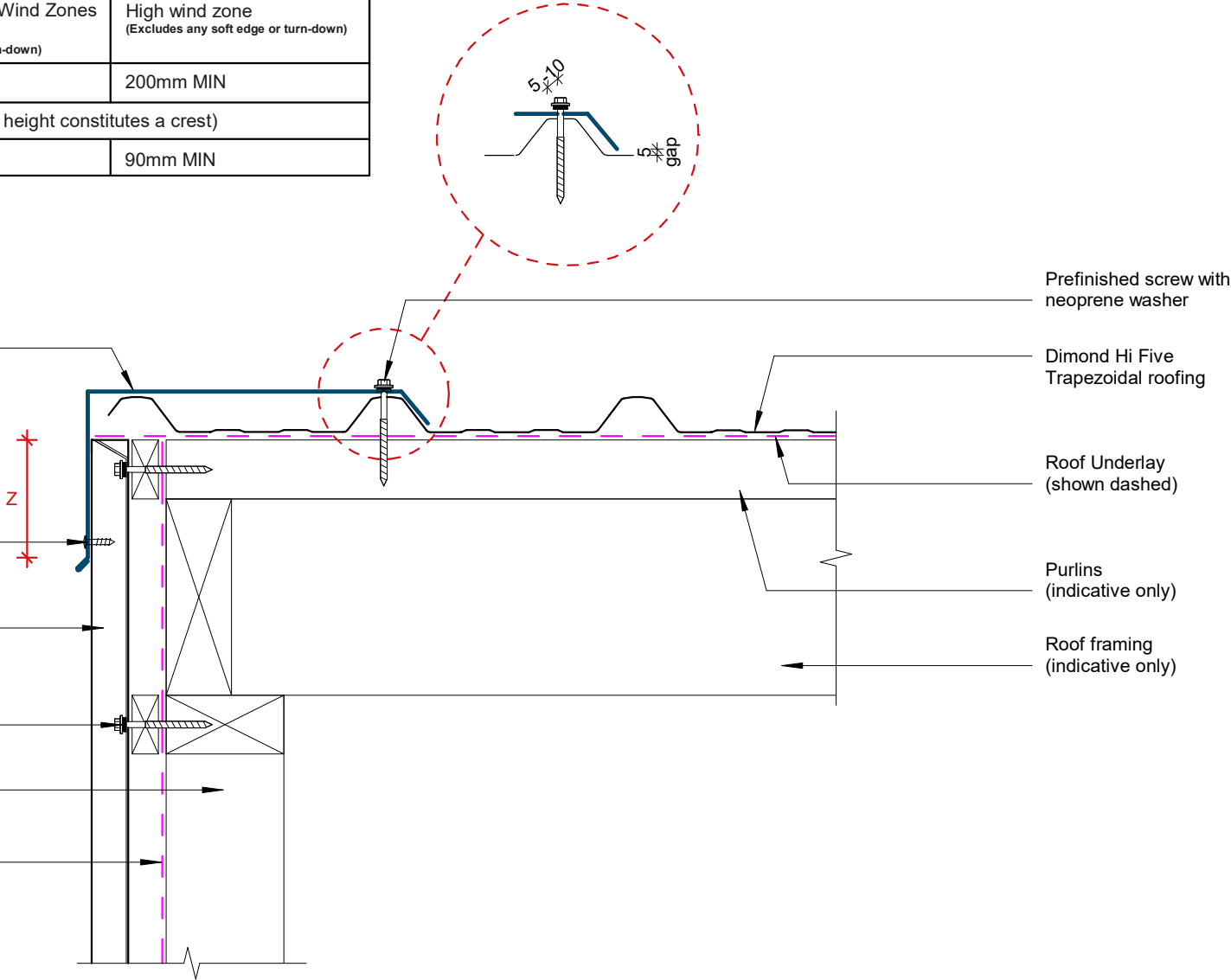
Prefinished screw with  
neoprene washer

Wall framing  
(indicative only)

Wall Underlay  
(shown dashed)

GENERAL NOTE

Cavity battens or timber framing that contain  
copper must be seperated 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)
<b>X</b>	130mm MIN	200mm MIN	200mm MIN
<b>Y</b>	Cover at least two crests (turned-up edge to full crest height constitutes a crest)		
<b>Z</b>	50mm MIN	70mm MIN	90mm MIN

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

Prefinished screw

Fascia

Soffit lining

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

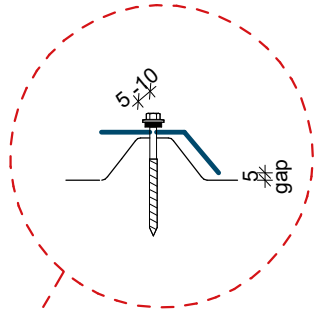
Dimond Wall cladding cavity fixed

GENERAL NOTE

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

100

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Prefinished screw with neoprene washer

Dimond Hi Five Trapezoidal roofing

Roof Underlay (shown dashed)

Purlins (indicative only)

Roof framing (indicative only)

Prefinished screw with neoprene washer

Prefinished screw

Wall Underlay (shown dashed)

Wall framing (indicative only)

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

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

Stopends 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 seperated from steel cladding by a strip of wall or roof underlay or DPC.

(Alternative Option)

Prefinished screw with neoprene washer

Soft edge dressed over ribs

Prefinished screw with neoprene washer

Notched to suit roofing profile

Dimond Hi Five Trapezoidal roofing

Purlins (indicative only)

Roof Underlay (shown dashed)

Roof framing (indicative only)

Prefinished screw with neoprene washer

Prefinished screw

Wall Underlay (shown dashed)

Wall framing (show indicative only)

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

Wall Underlay (shown dashed)

Dimond Wall cladding cavity fixed

Prefinished screw with neoprene washer

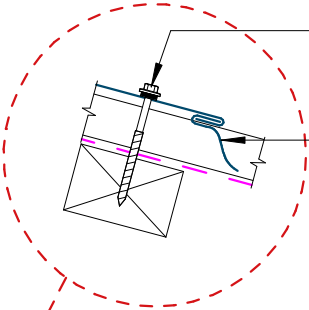
Wall framing (show indicative only)

GENERAL NOTE

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



(Alternative Option)



(Alternative Option)

Prefinished screw with neoprene washer

Soft edge dressed over ribs

Notched to suit roofing profile

Dimond Hi Five Trapezoidal roofing

Roof Underlay lapped over Wall underlay (shown dashed)

Purlins (indicative only)

Roof framing (indicative only)

Sawtooth Wall Detail

Rev: 2 Hi Five Residential Roofing

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

Prefinished screw with neoprene washer

Soffit lining

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 seperated from steel cladding by a strip of wall or roof underlay or DPC.

(Alternative Option)

Prefinished screw with neoprene washer

Soft edge dressed over ribs

Notched to suit roofing profile

Dimond Hi Five Trapezoidal roofing

Roof Underlay lapped over Wall underlay (shown dashed)

Purlins (indicative only)

Roof framing (indicative only)

Prefinished screw with neoprene washer

Wall framing (show indicative only)

Wall Underlay (shown dashed)

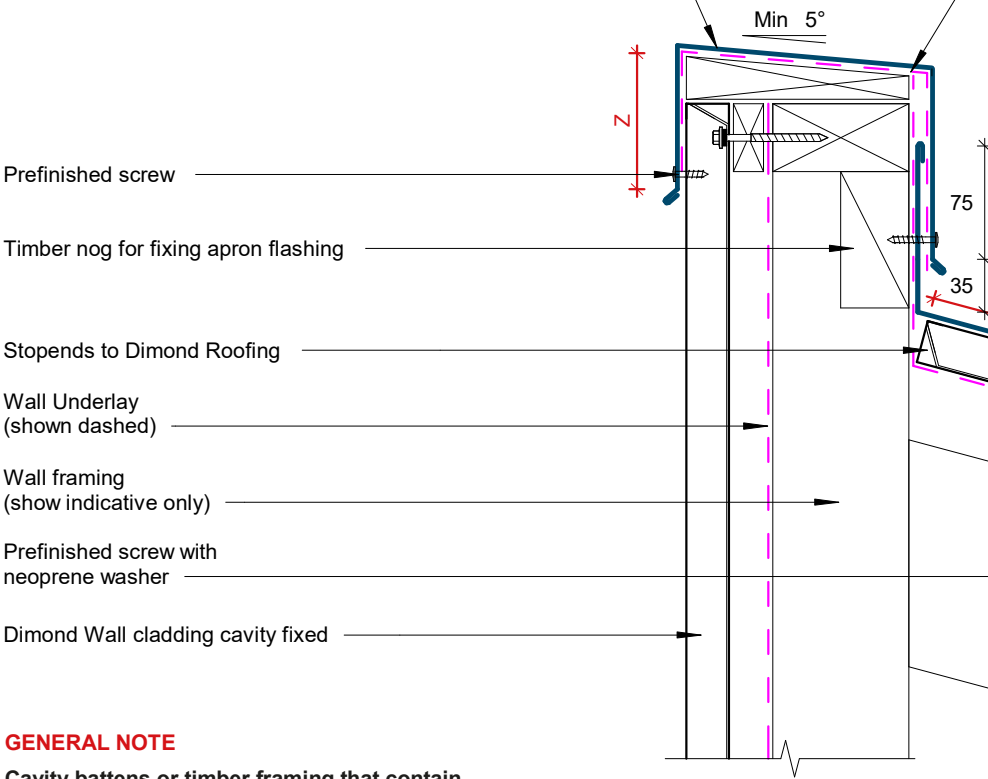
Dimond Wall cladding cavity fixed

# Sawtooth Soffit Detail

Rev: 2 Hi Five Residential Roofing

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

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



(Alternative Option)

Underlay to provide separation of metal capping and timber

Prefinished screw with neoprene washer

Soft edge dressed over ribs

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

Notched to suit roofing profile

Dimond Hi Five Trapezoidal roofing

Roof Underlay lapped behind flashing (shown dashed)

Purlins (indicative only)

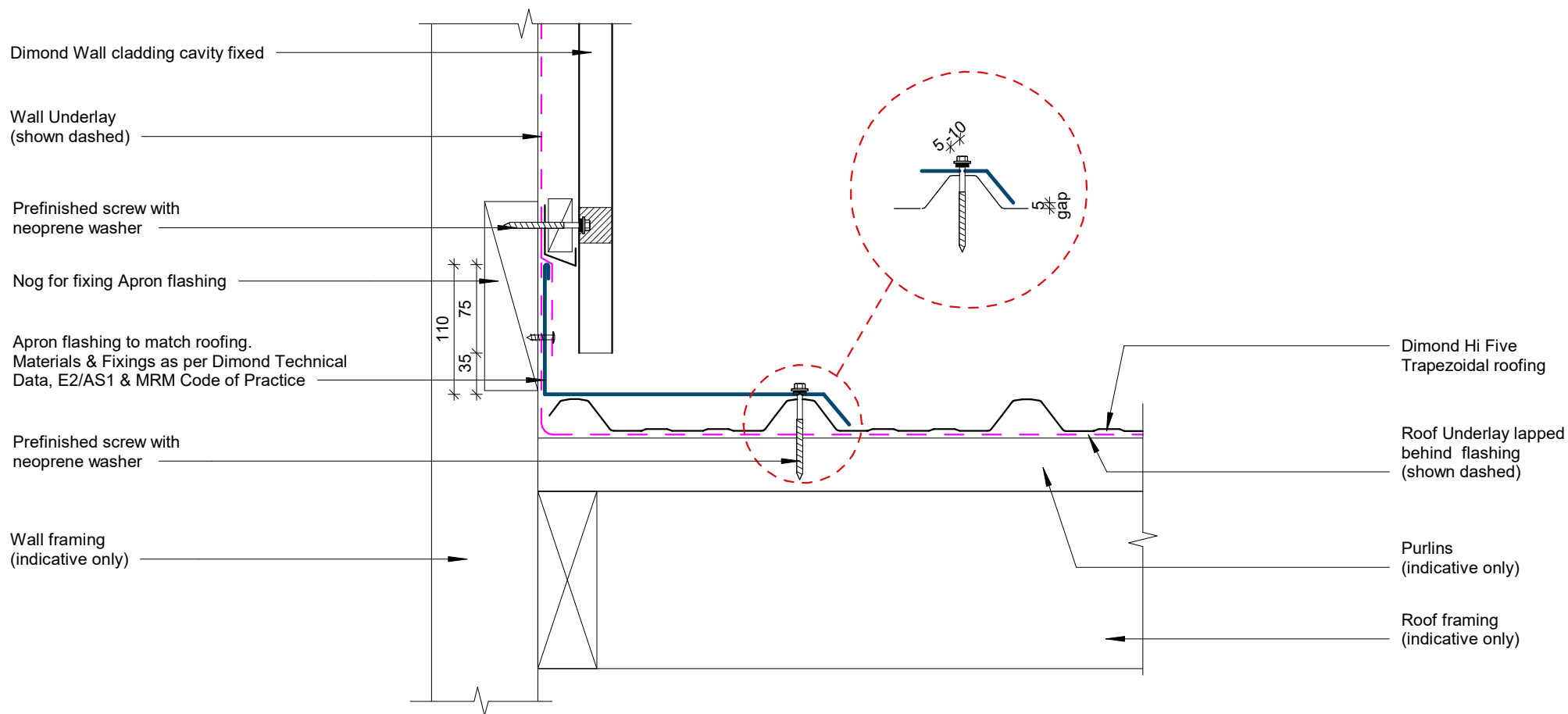
Roof framing (indicative only)

**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





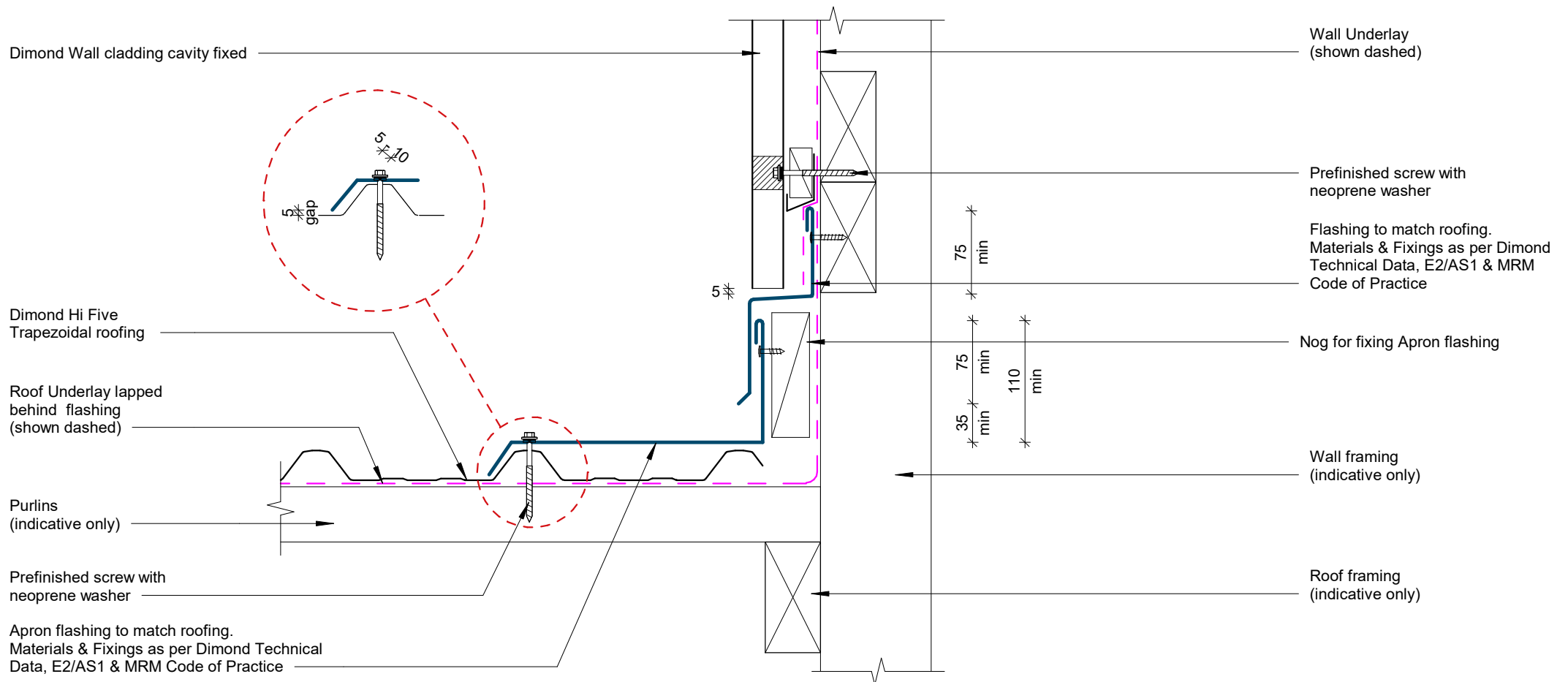
#### GENERAL NOTE

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

## Apron Parallel Detail

Rev: 2

Hi Five Residential Roofing

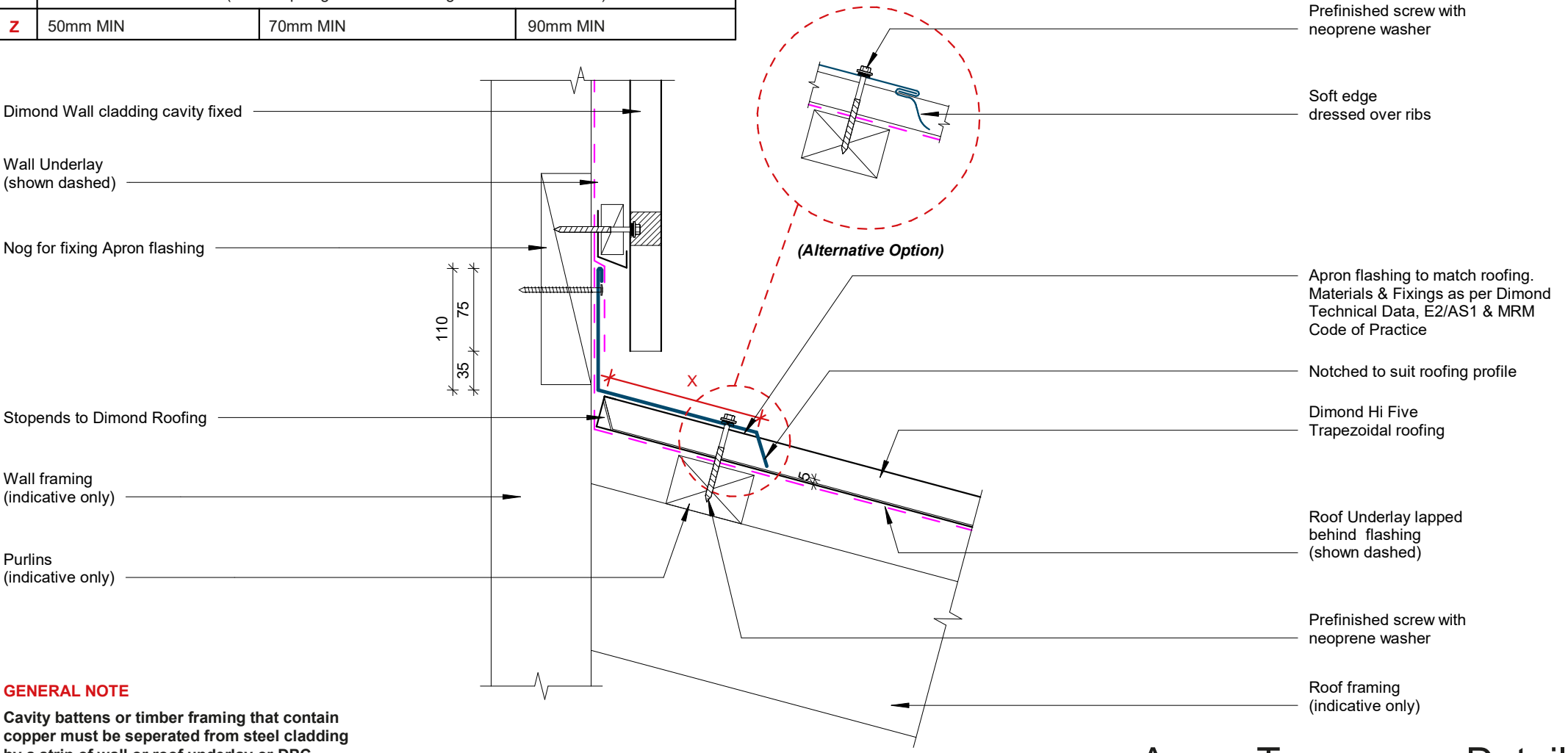


#### GENERAL NOTE

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

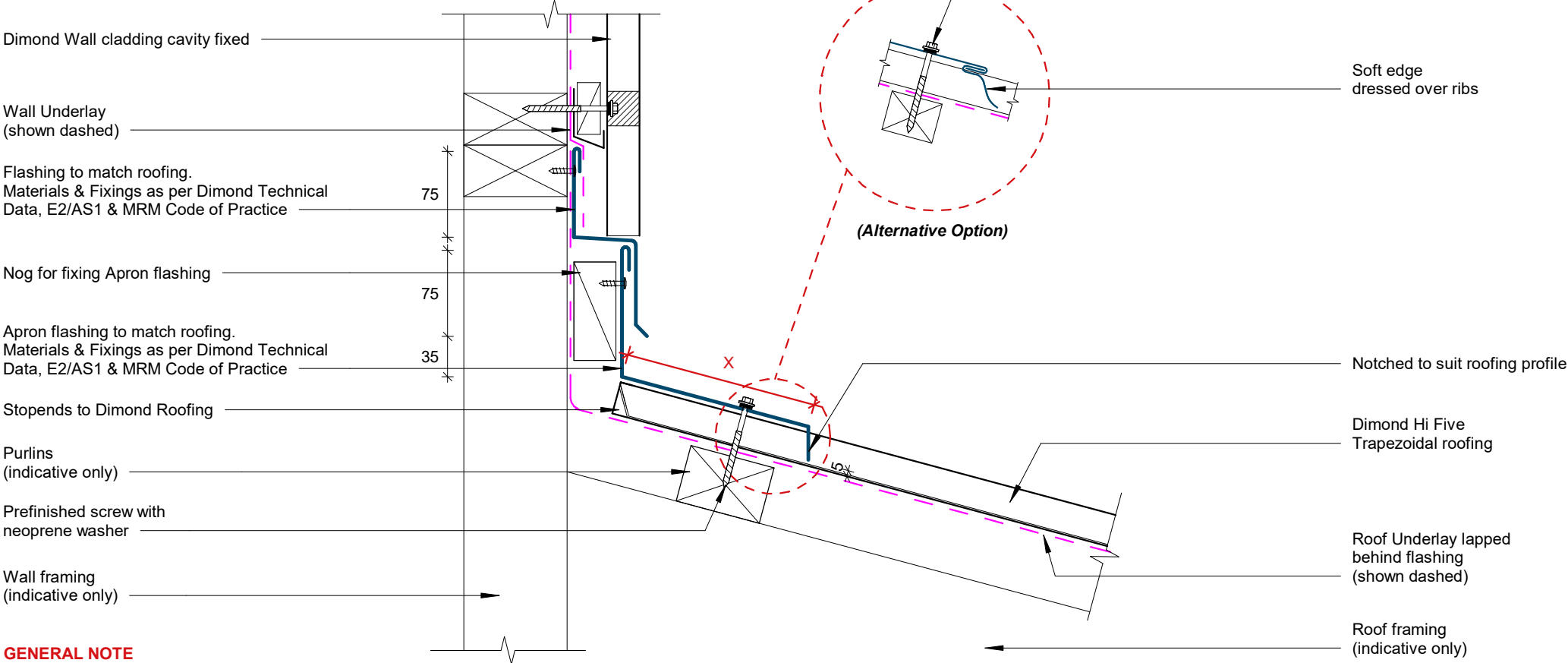
## Apron Parallel Two Piece Detail

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



# Apron Transverse Detail

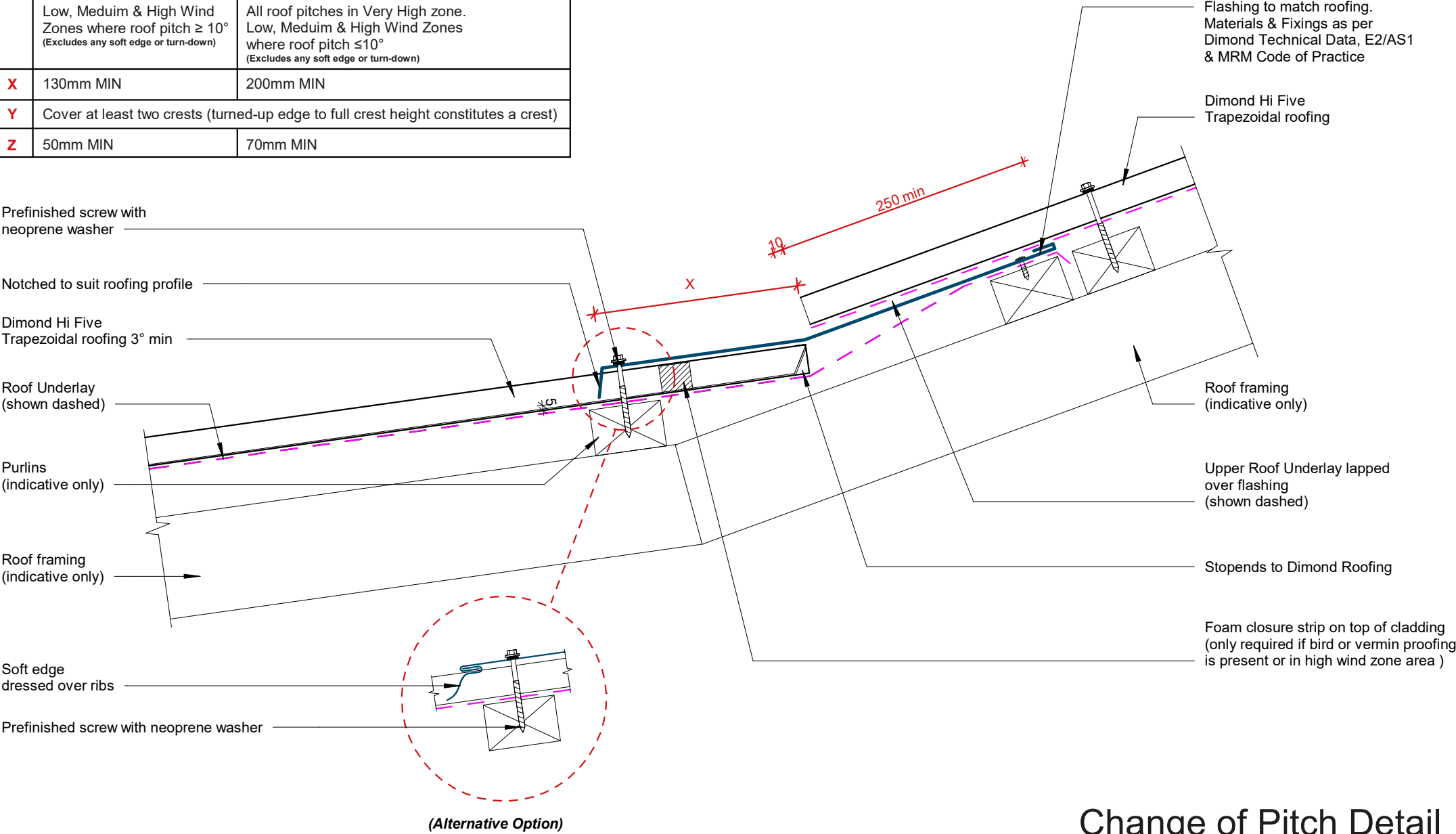
COVER DIMENSIONS AS PER E2/AS1		
SITUATION 1	SITUATION 2	SITUATION 3
Low, Medium & High Wind Zones where roof pitch $\geq 10^\circ$ (Excludes any soft edge or turn-down)	All roof pitches in Very High zone. Low, Medium & High Wind Zones where roof pitch $\leq 10^\circ$ (Excludes any soft edge or turn-down)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



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

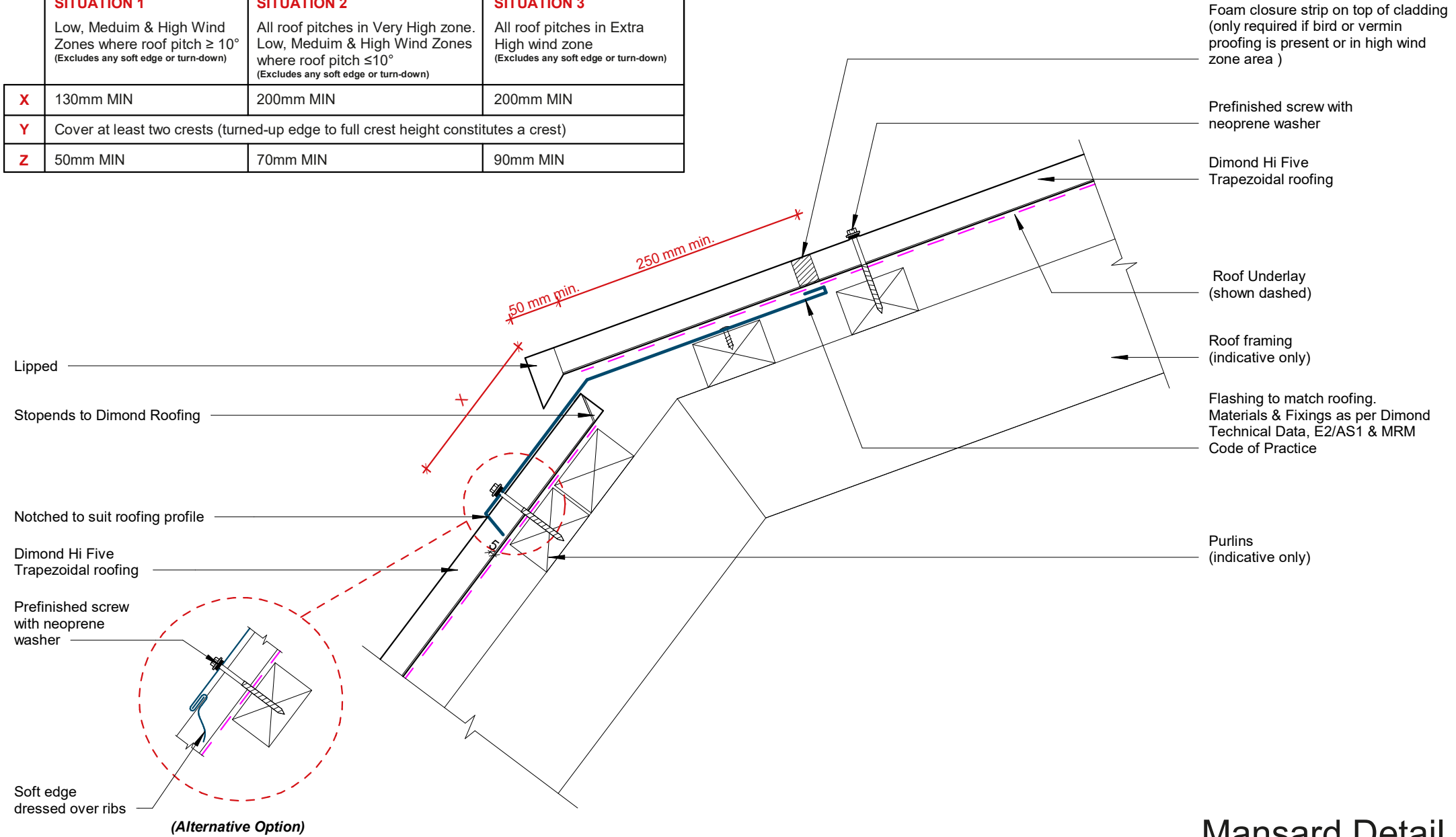
# Apron Transverse Two Piece Detail

COVER DIMENSIONS AS PER E2/AS1		
	SITUATION 1	SITUATION 2
	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)
<b>X</b>	130mm MIN	200mm MIN
<b>Y</b>	Cover at least two crests (turned-up edge to full crest height constitutes a crest)	
<b>Z</b>	50mm MIN	70mm MIN

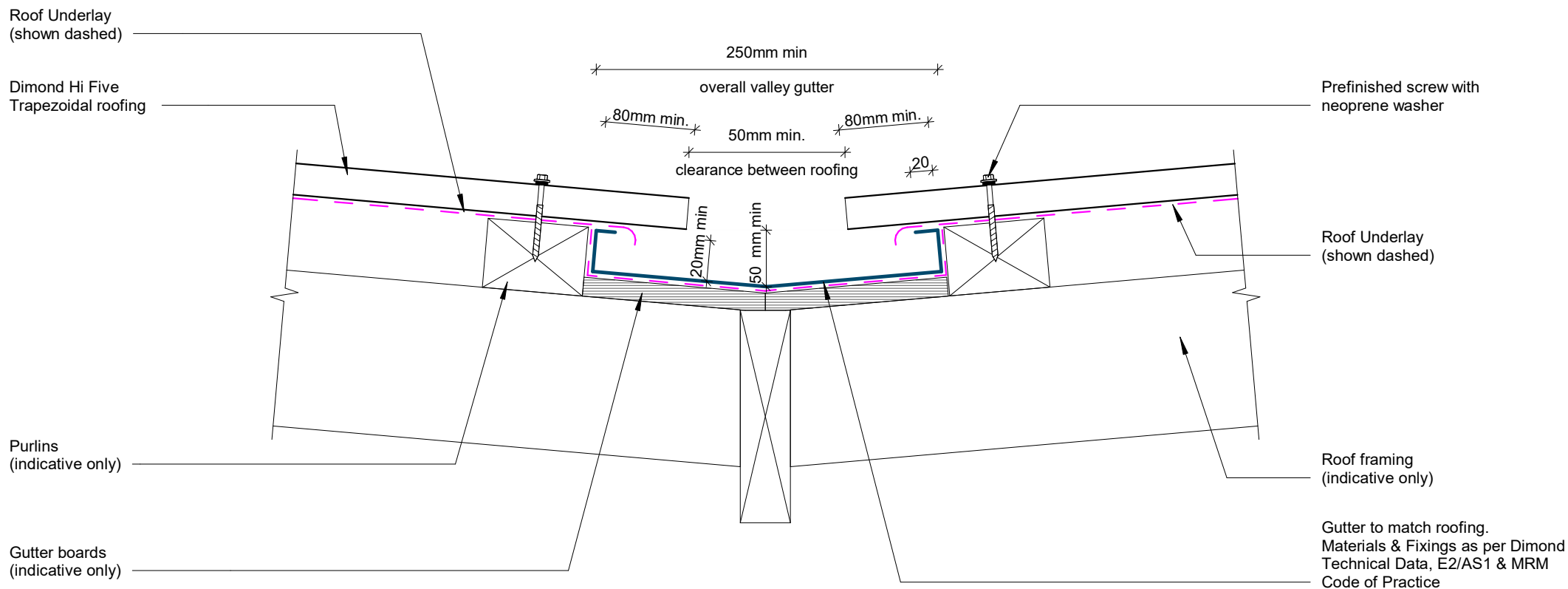


## Change of Pitch Detail

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



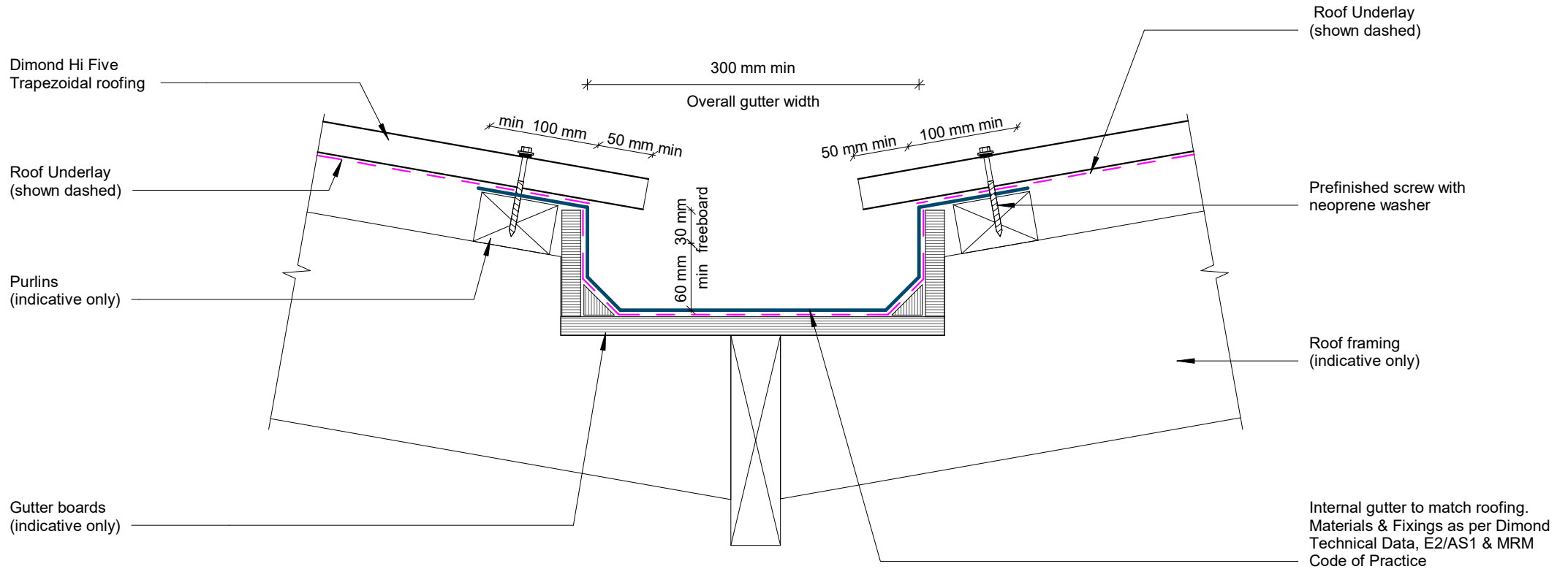
# Mansard Detail



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

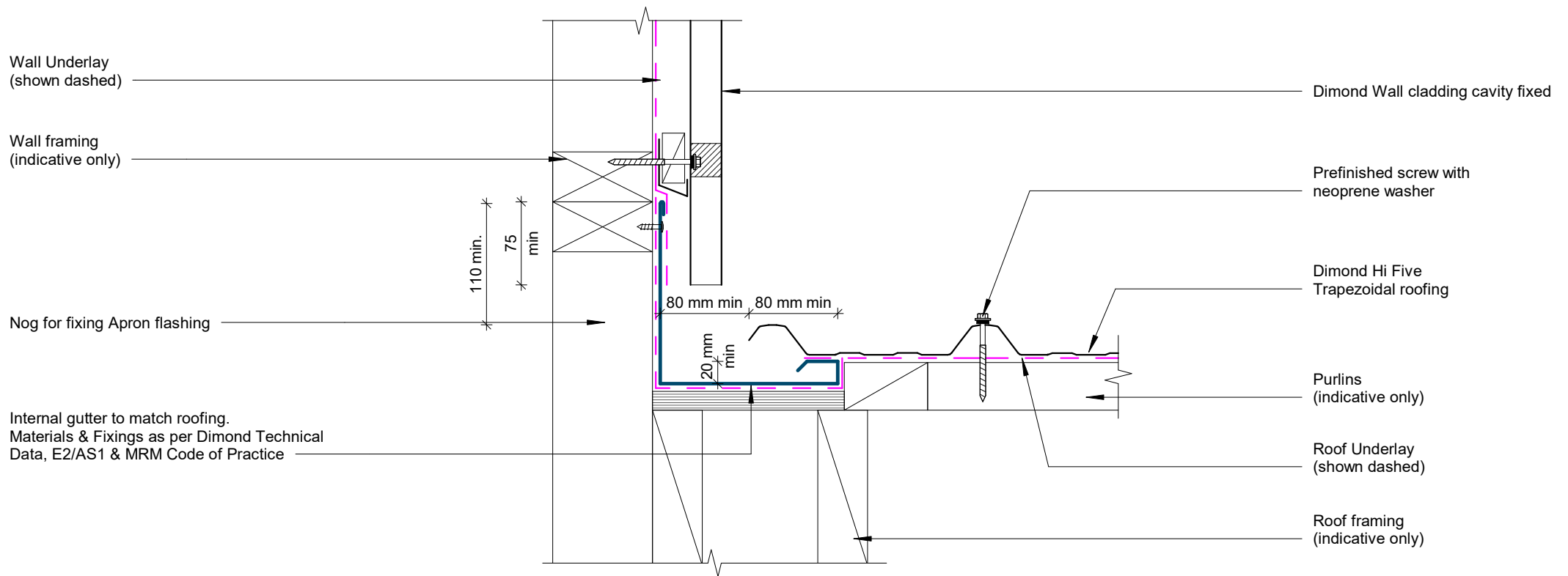
## Valley Detail

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

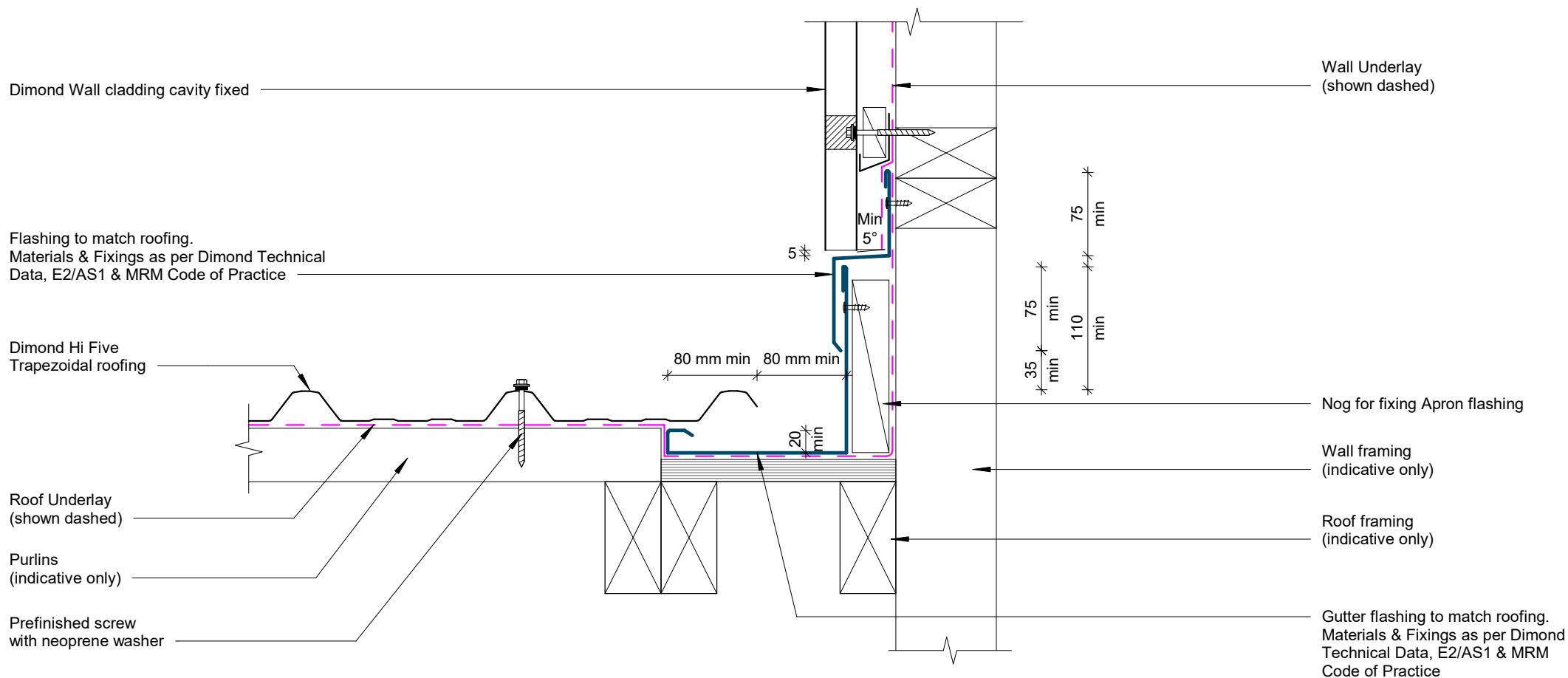




#### GENERAL NOTE

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

## Parallel Hidden Gutter Detail

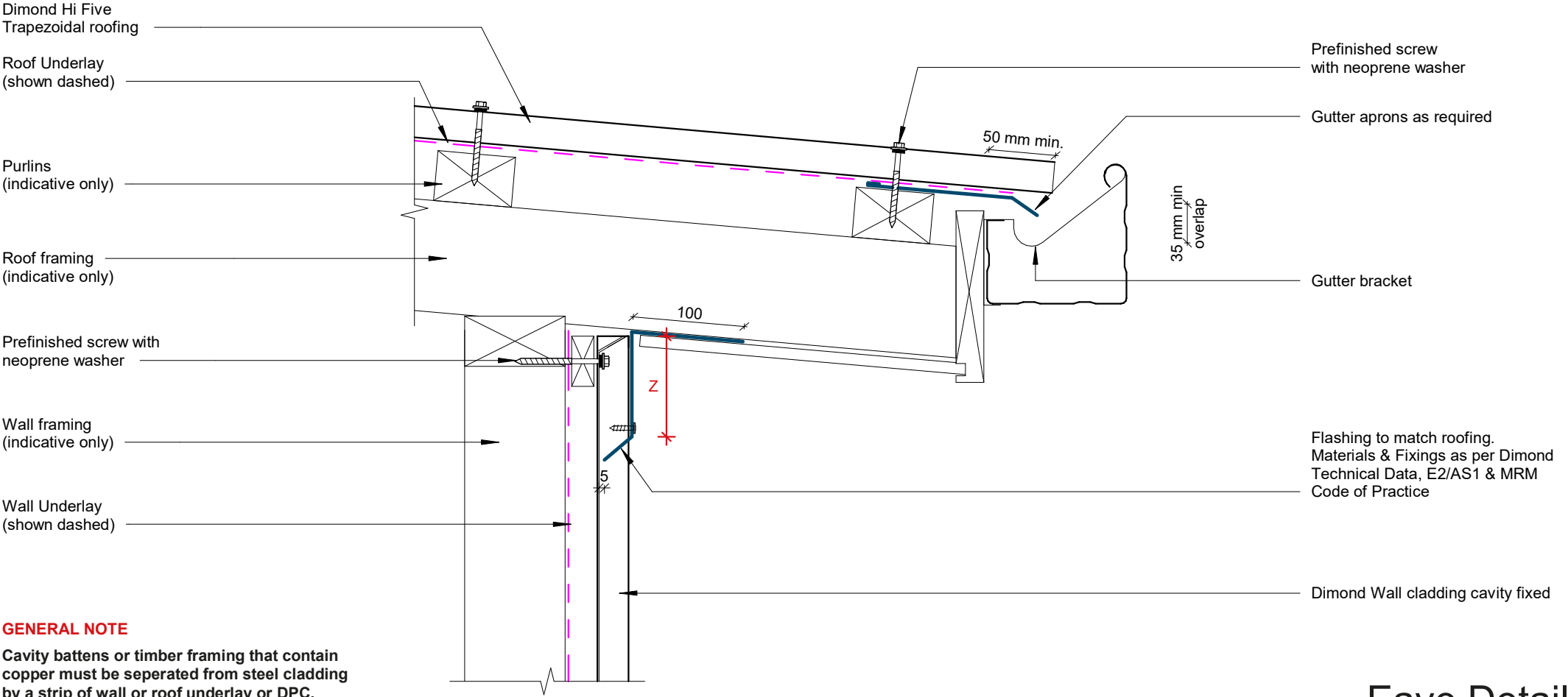


#### GENERAL NOTE

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

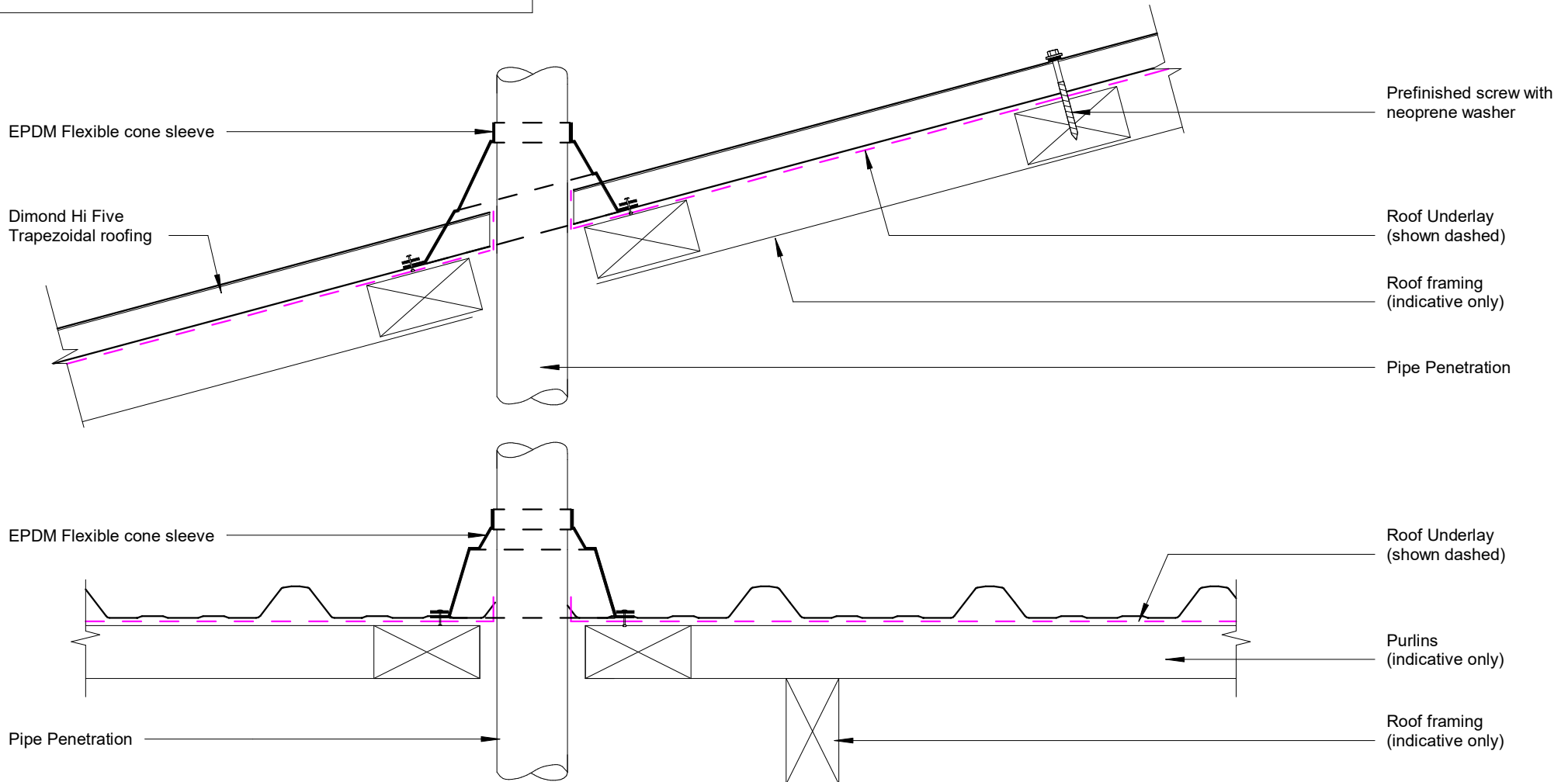


## Eave Detail

**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.

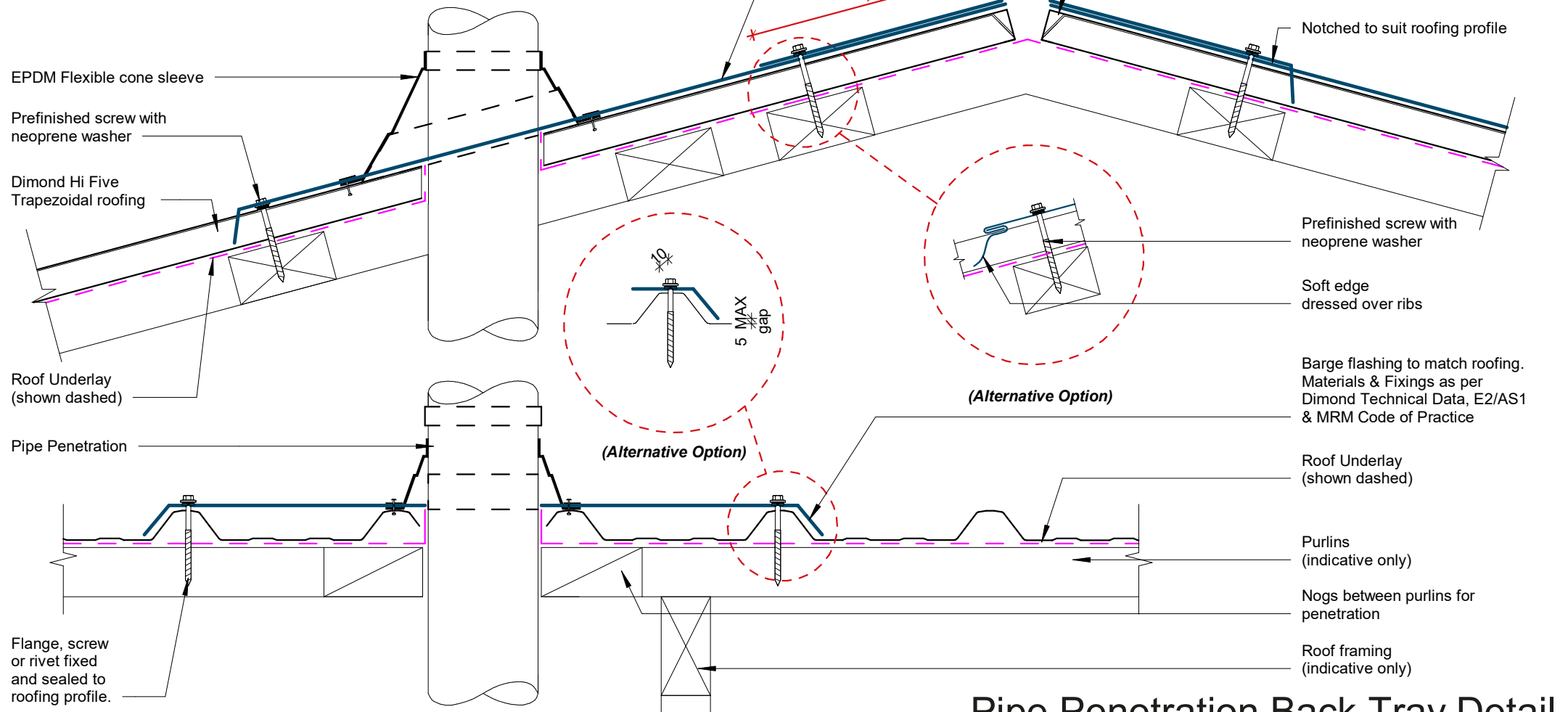


## Pipe Penetration Direct Fix Detail

# COVER DIMENSIONS AS PER E2/AS1

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

**Note:**  
Min  $3^\circ$  for pipe penetration with a boot flashing.  
Refer MRM code of practice



## Pipe Penetration Back Tray Detail