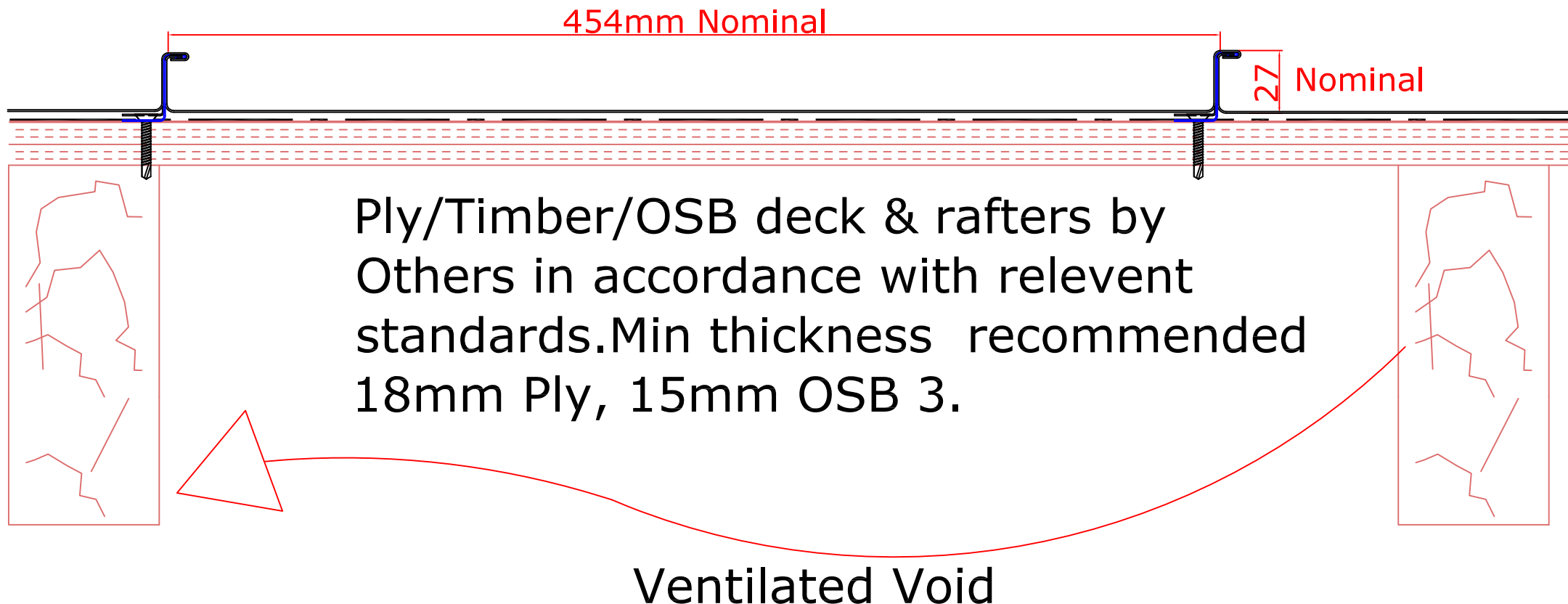


Seamlock Fitting Help Sheets

Page 2 -17	Seamlock Cold Roof (On Ply, OSB or Timber Deck)
Page 18-33	Seamlock Warm Roof (On Ply, OSB or Timber Deck)
Page 34-49	Seamlock Warm Roof (On Metal Deck Oriented Upslope)
Page 49-60	Seamlock Vertical Wall Covering (On Ply or OSB)
Page 61-71	Seamlock Horizontal Wall Covering (On Ply or OSB)
Page 72	Seamlock 28_454 Profile
Page 73	Seamlock RocBar
Page 74	Seamlock Closure
Page 75	Seamlock Retention Angle
Page 76	Seamlock Closure Cover
Page 77	Seamlock Profile Fillers
Page 78	Seamlock Sliding Clip
Page 79	Seamlock Seam Clamp

Seamlock Cold Roof (On Ply, OSB or Timber Deck)



Seamlock Cold Roof (On Ply, OSB or Timber Deck)



Sheet Seaming Sequence

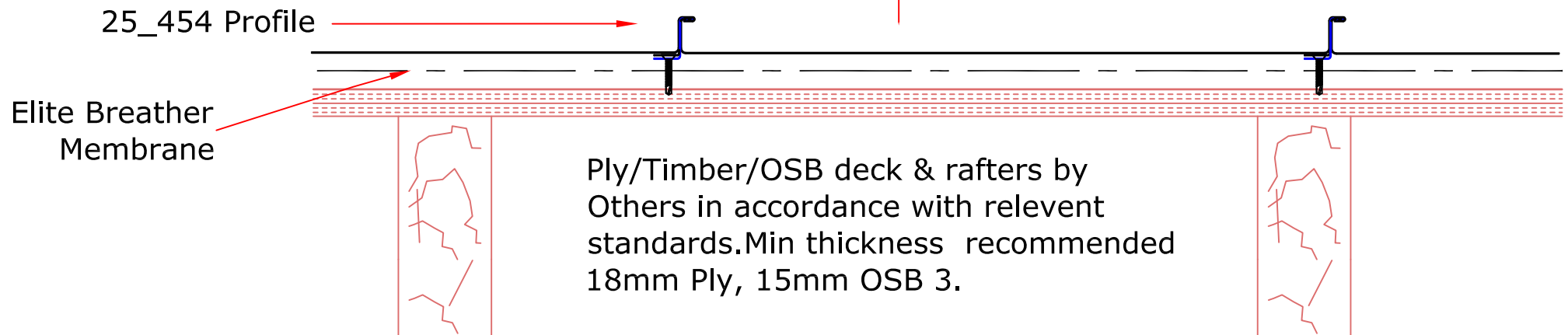
"Stage 1 Seam" (Steel Material Only)



"Stage 2 Seam" (Aluminium Material Only)



COLOUR SIDE



Seamlock Cold Roof (On Ply, OSB or Timber Deck)

**TYPICAL ARRANGEMENT: 1260mm IN CENTRAL AREAS,
REDUCE CLIP CENTRES AT RIDGE EAVES AND PERIMETERS
AND IN HIGH LOAD AREAS.**

CHECK SYSTEM CAPACITY AGAINST PROJECT LOADS AND ADJUST IF NECESSARY

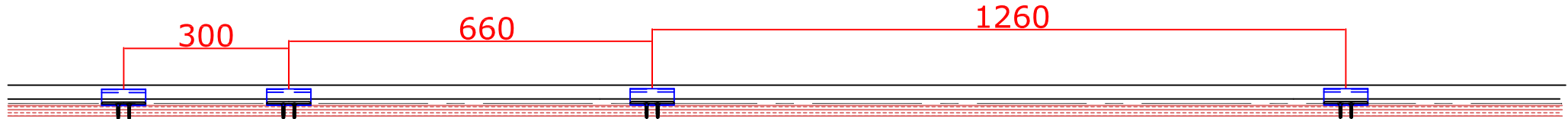
**CLIP TYPICAL CENTRES:
DETERMINED BY PROJECT WIND SUCTION LOADS AS FOLLOWS:**

1260mm for loads up to 1.5kN/M²

660mm for loads 1.5 to 2.0kN/M²

300mm for loads 2 to 4kN/M²

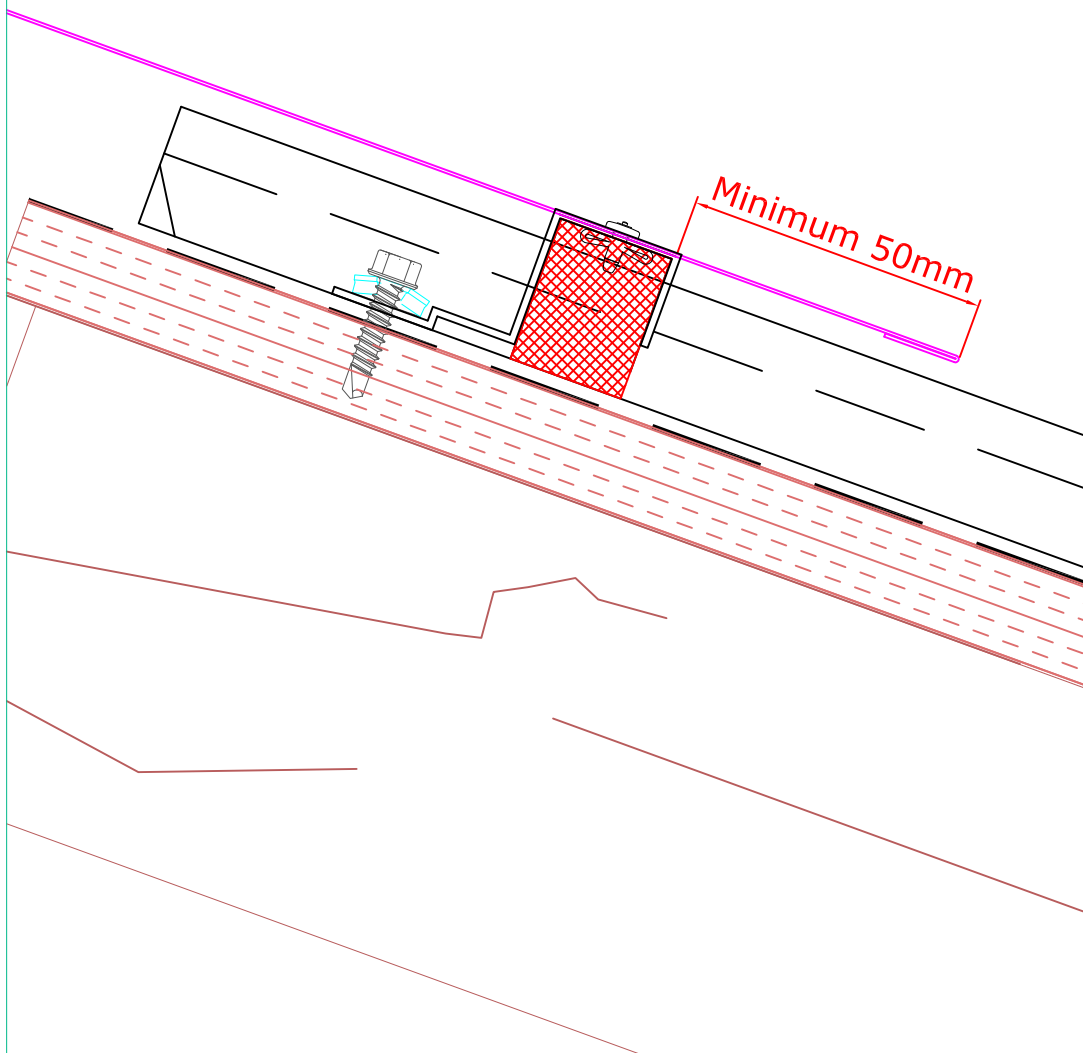
Where substrate is Min 18mm ply or Min 15mm OSB 3



Seamlock Cold Roof (On Ply, OSB or Timber Deck)

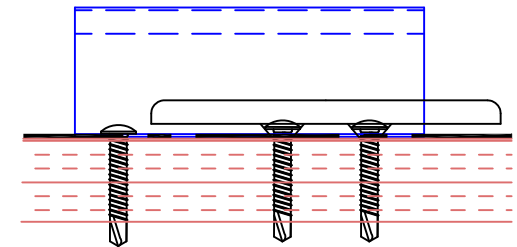
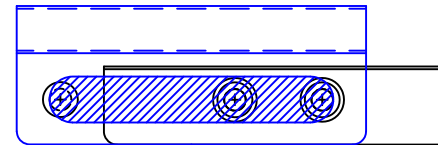
Standard Fixed Point.

**Fixed through closure and sheet
to decking**

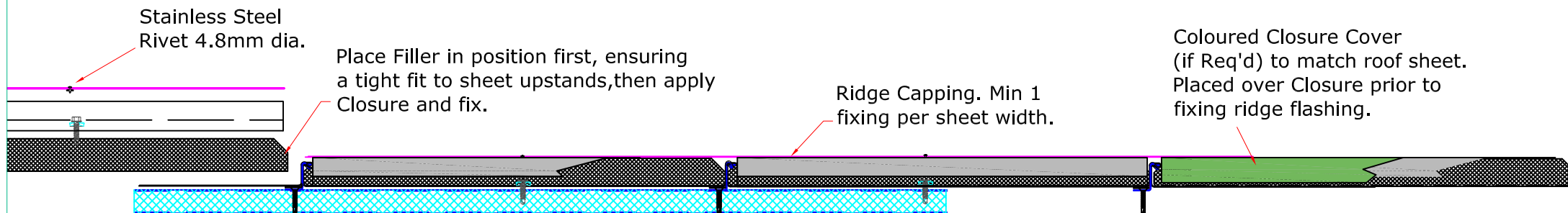


**Alternative for use elsewhere on slope: Create
Fixed Point Using Clip with Additional Fixing**

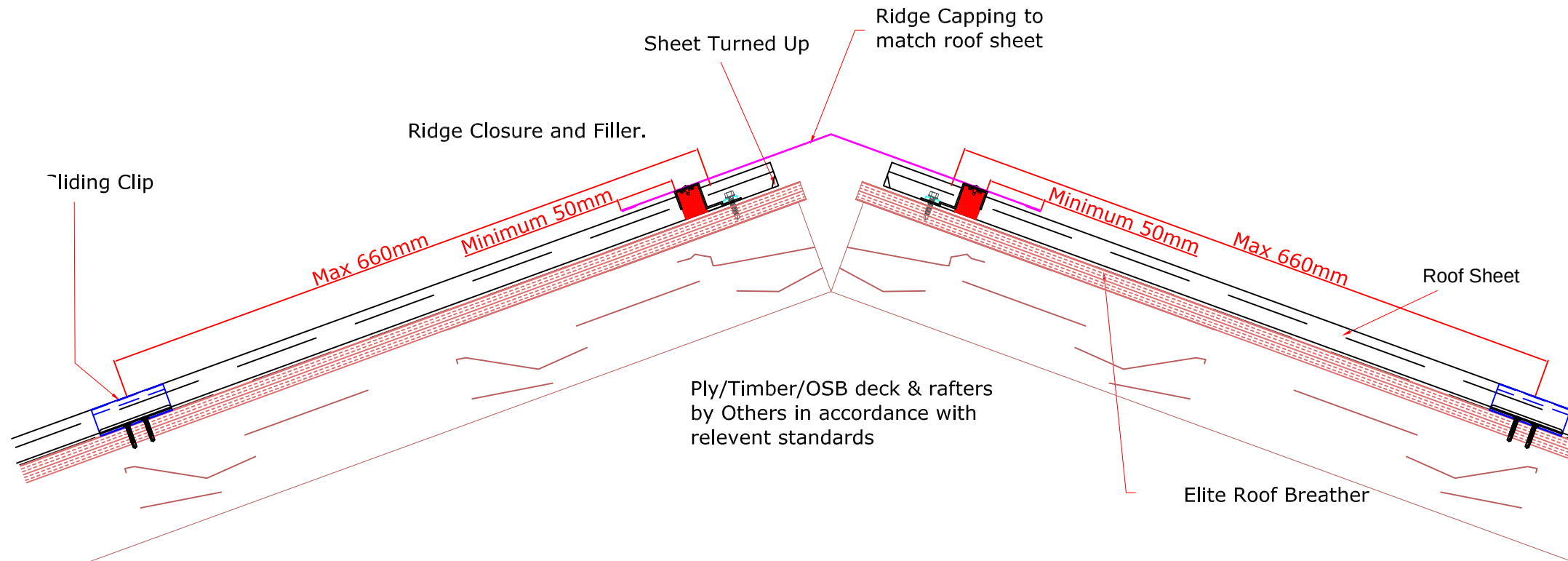
Assembled Plan View



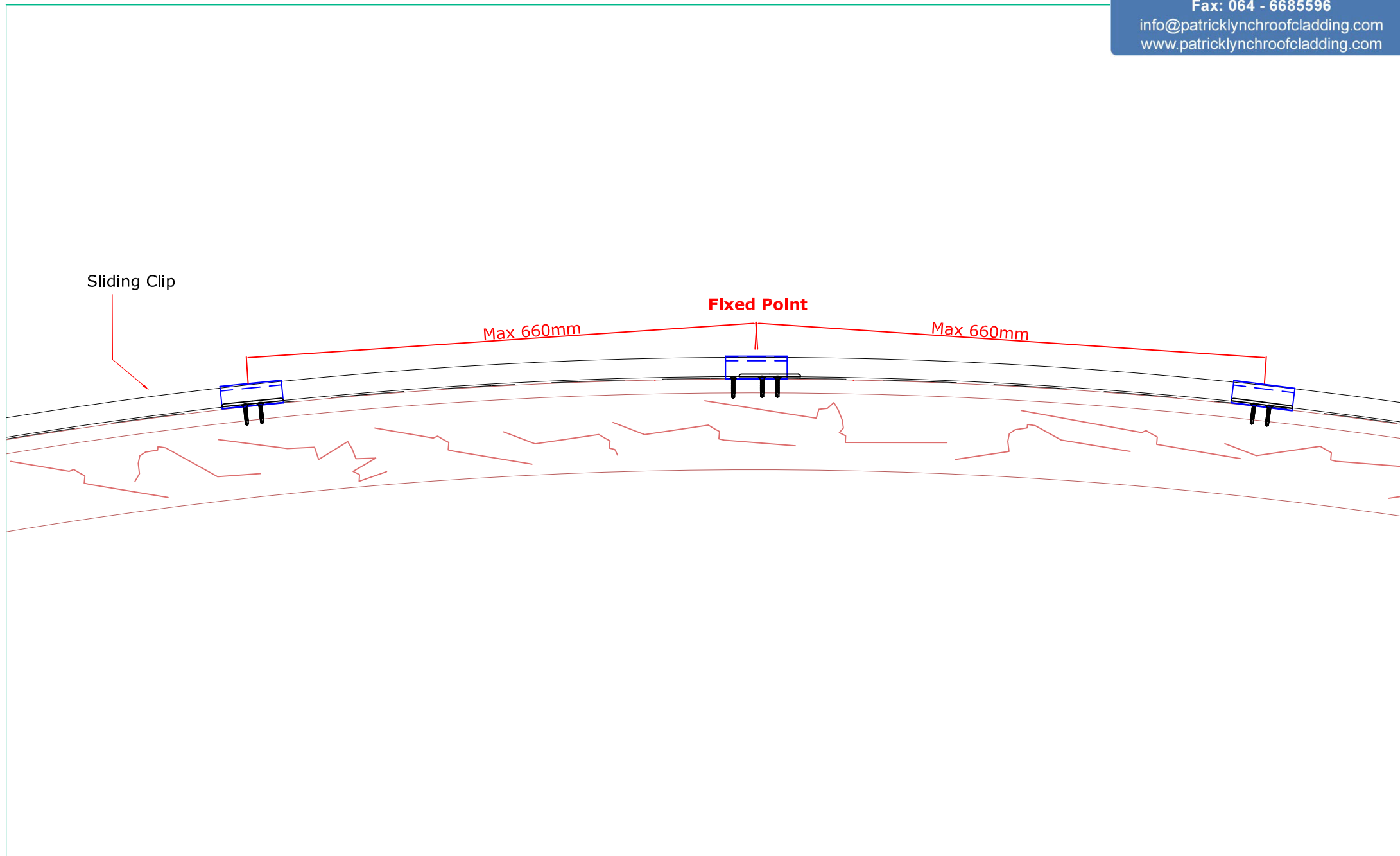
Seamlock Cold Roof (On Ply, OSB or Timber Deck)



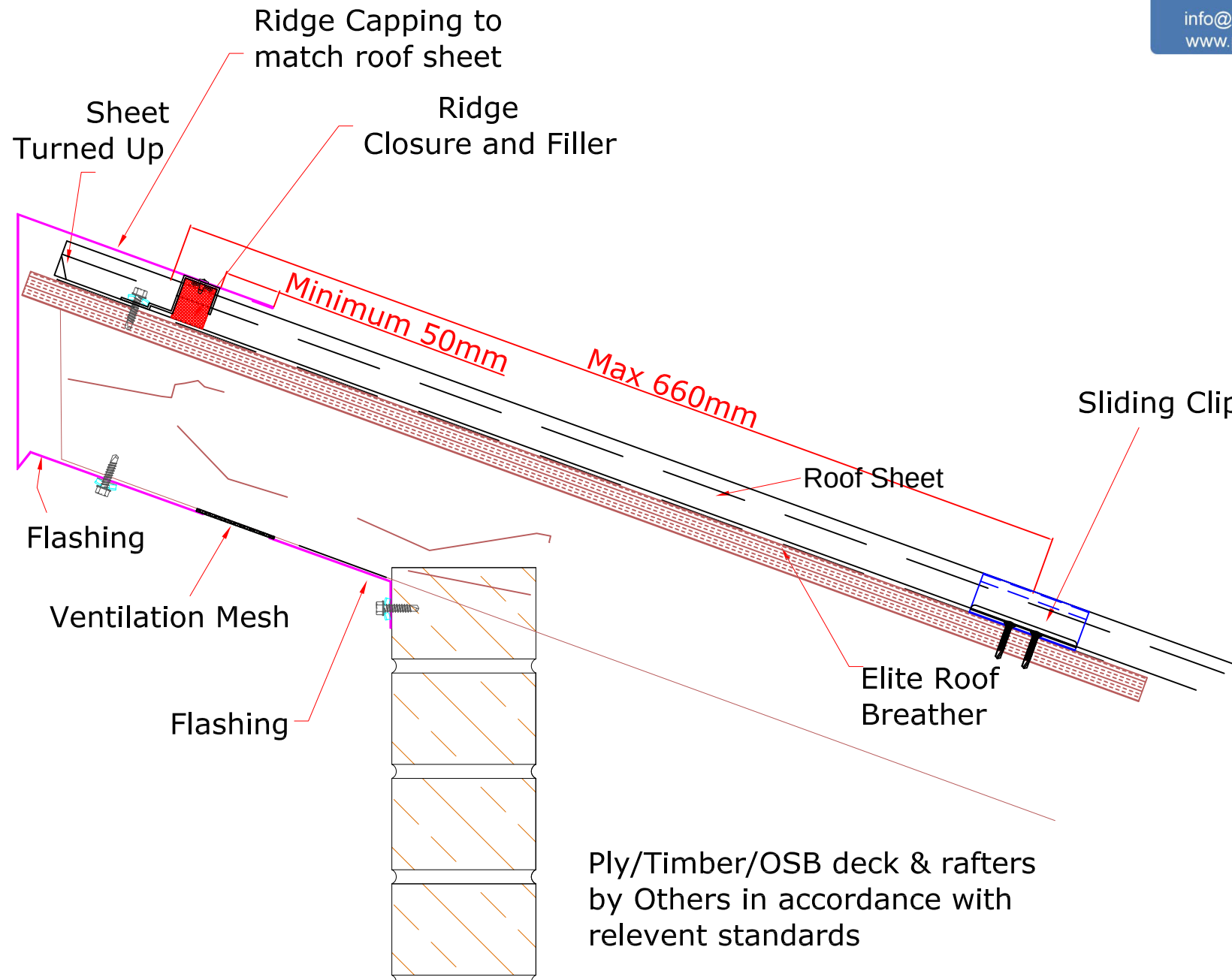
Seamlock Cold Roof (On Ply, OSB or Timber Deck)



Seamlock Cold Roof (On Ply, OSB or Timber Deck)

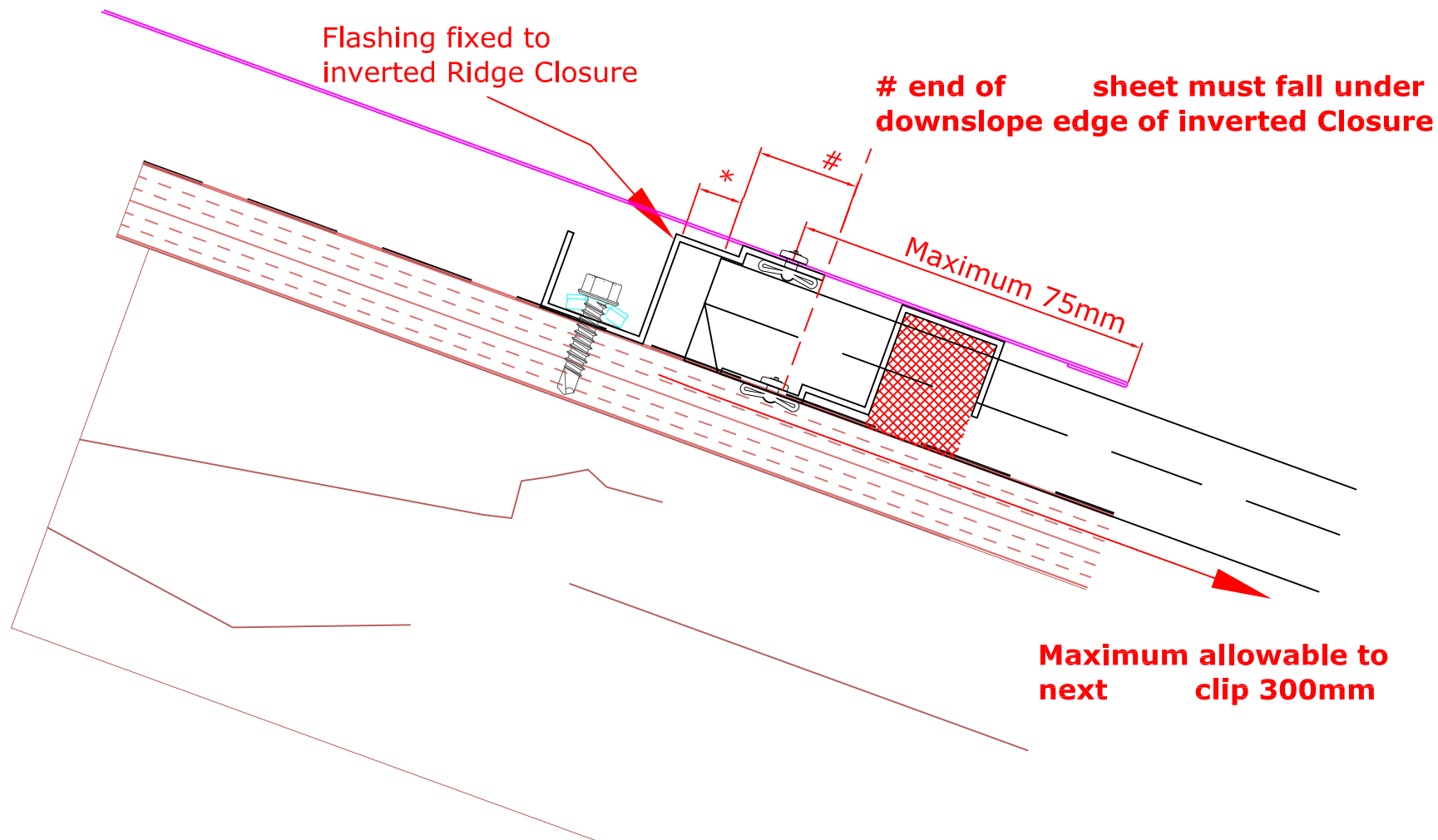


Seamlock Cold Roof (On Ply, OSB or Timber Deck)



Seamlock Cold Roof (On Ply, OSB or Timber Deck)

*** Allow clearance for anticipated movement between support Closure, end of sheet & Ridge Closure**



Seamlock Cold Roof (On Ply, OSB or Timber Deck)

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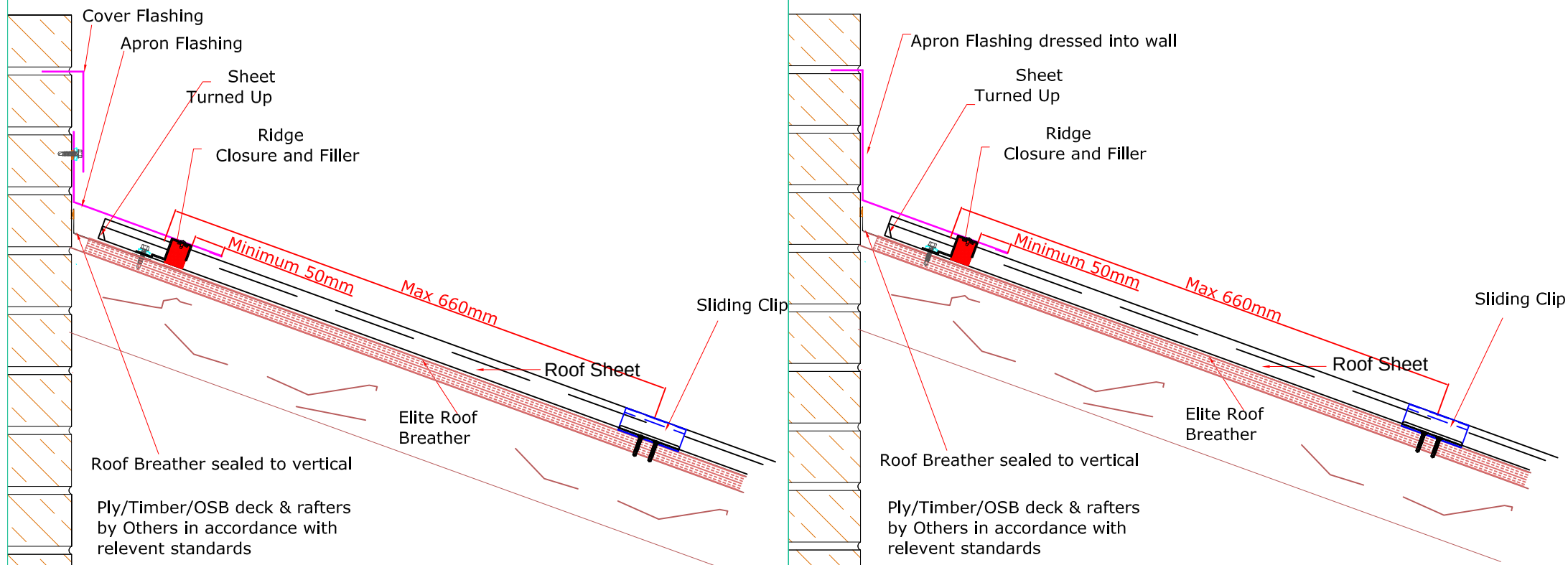
Phone: 087 - 2543499

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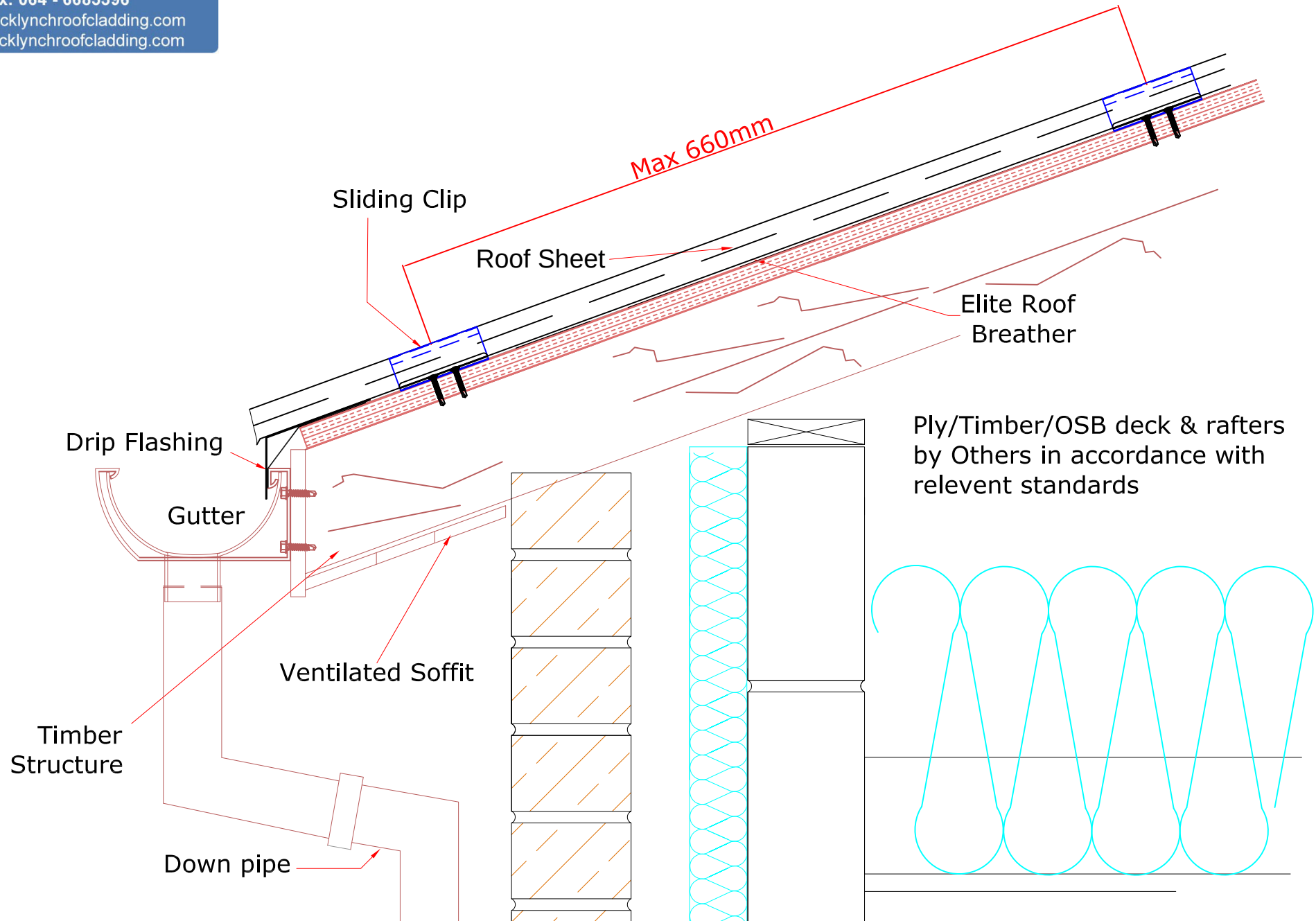
Phone: 021 - 4551000

Fax: 064 - 6685596

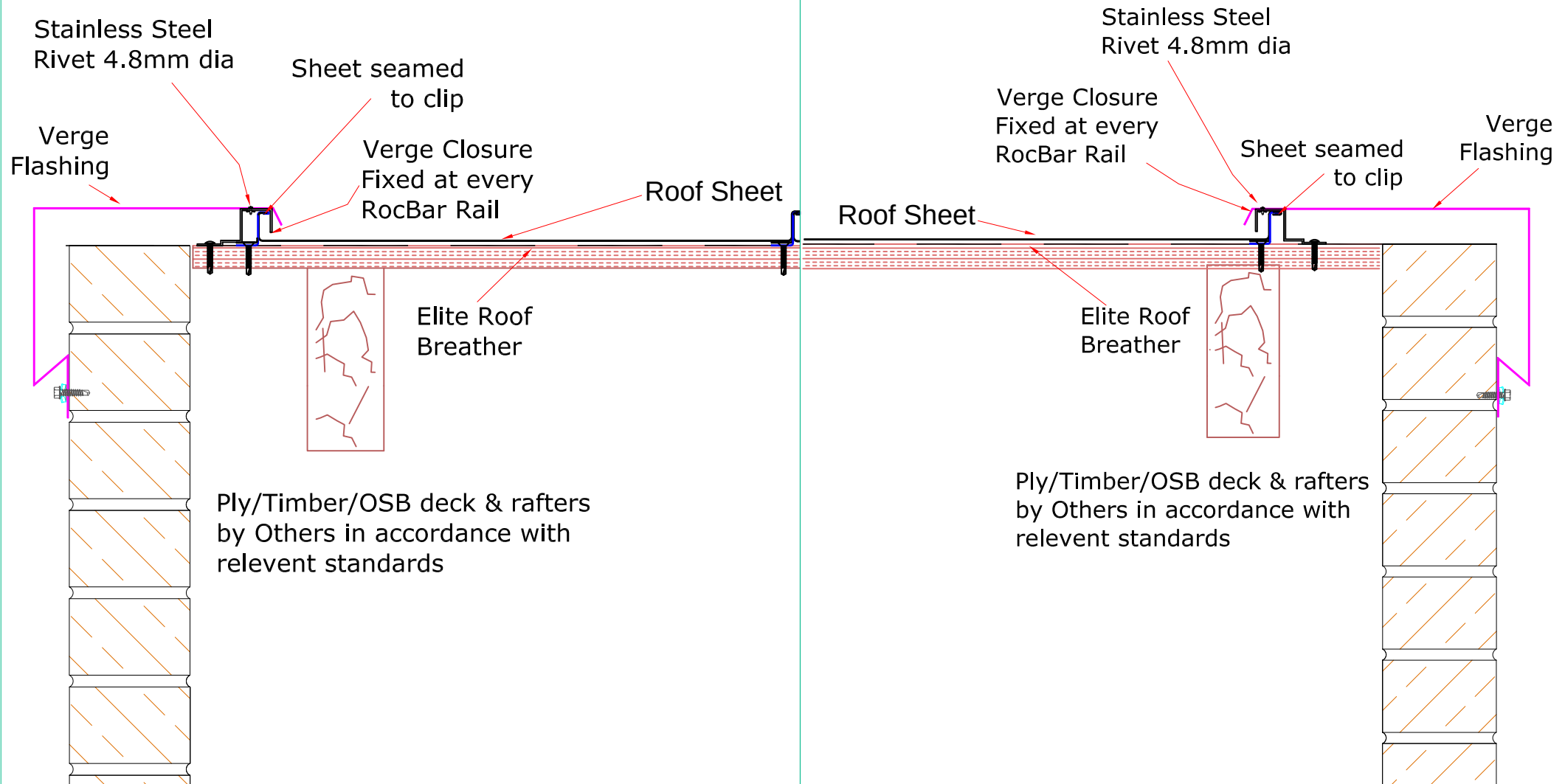
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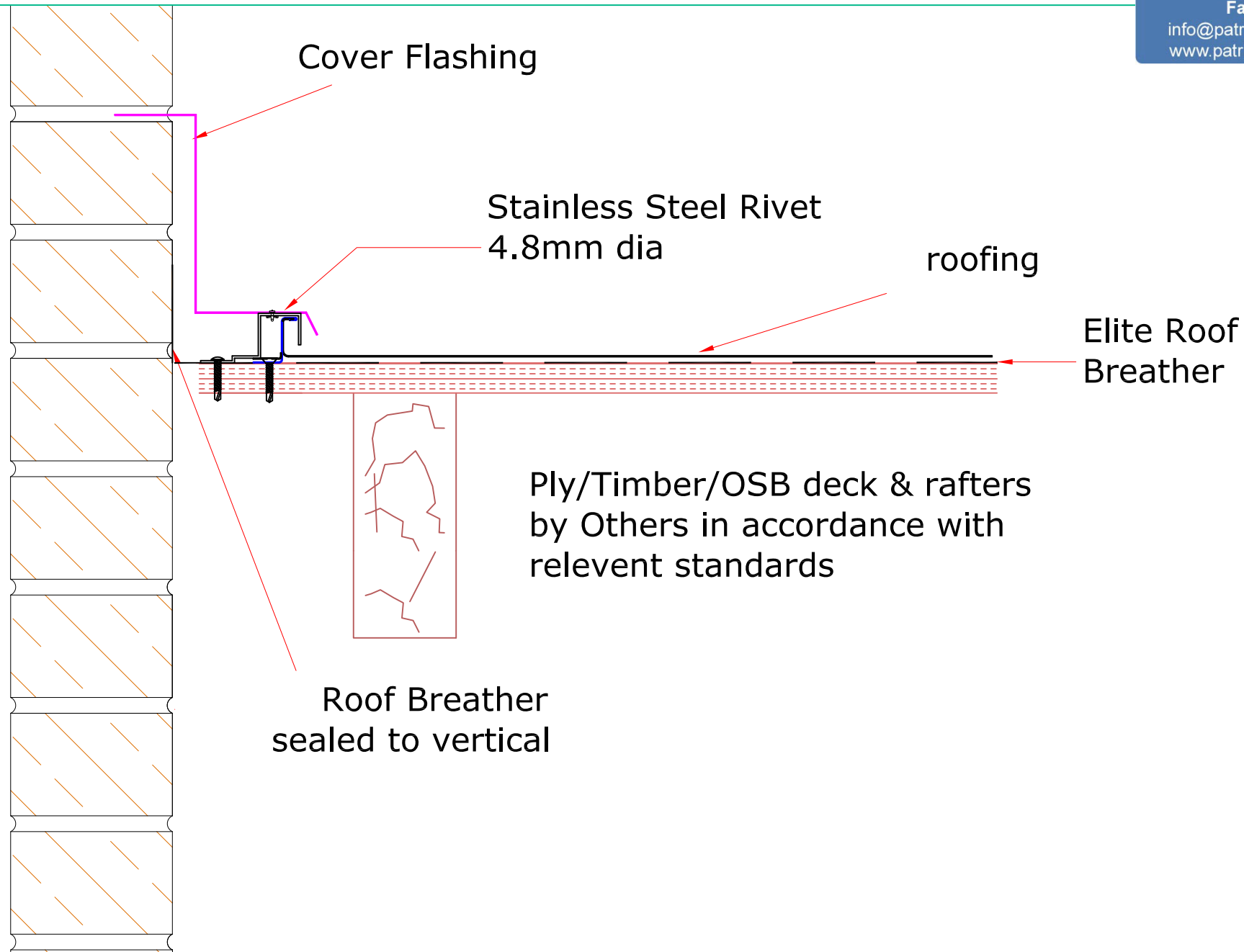
Seamlock Cold Roof (On Ply, OSB or Timber Deck)



Seamlock Cold Roof (On Ply, OSB or Timber Deck)

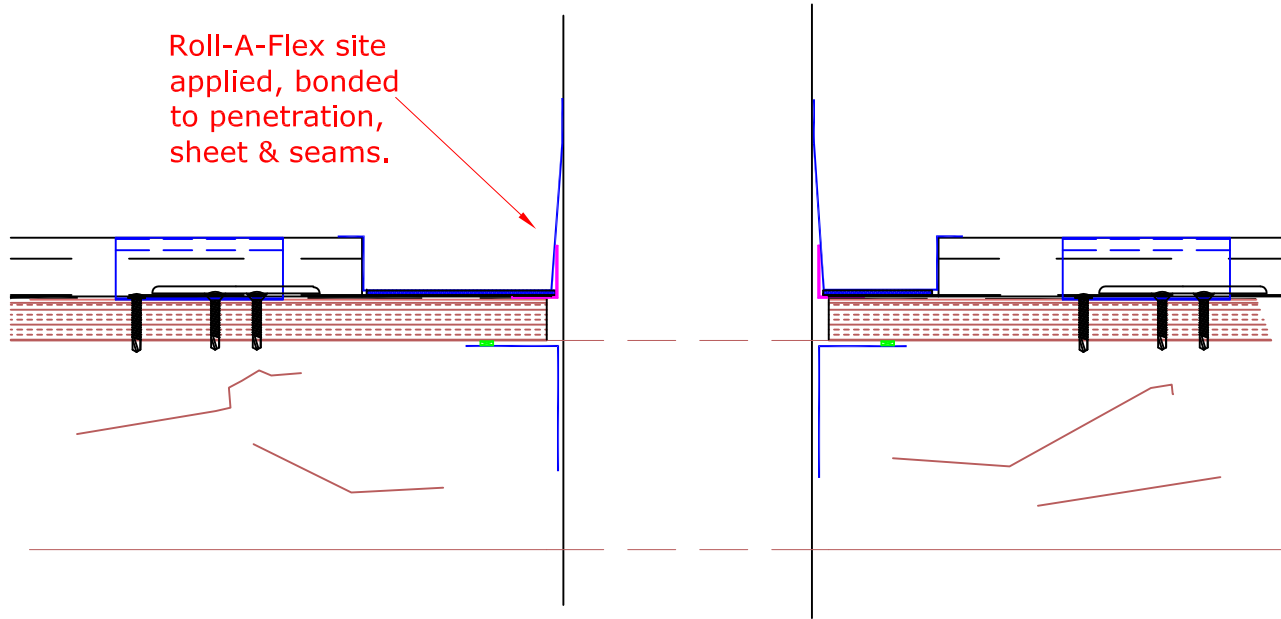


Seamlock Cold Roof (On Ply, OSB or Timber Deck)



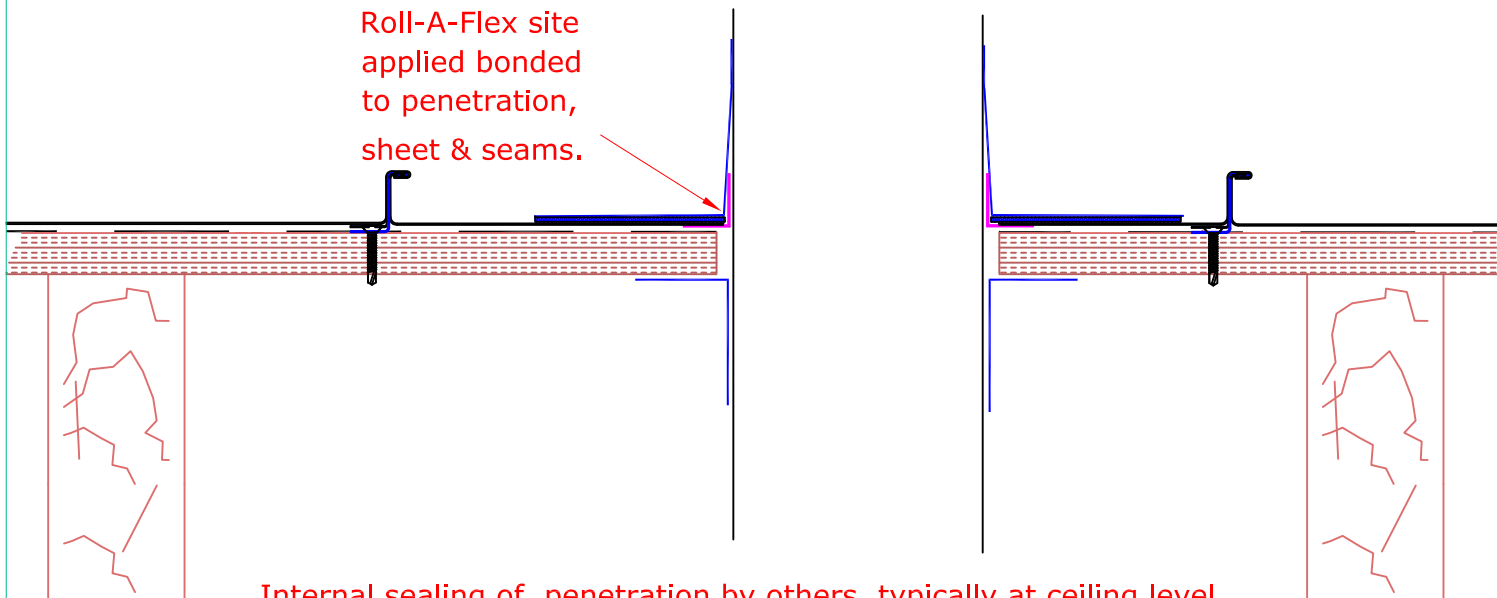
Seamlock Cold Roof (On Ply, OSB or Timber Deck)

Roll-A-Flex site
applied, bonded
to penetration,
sheet & seams.

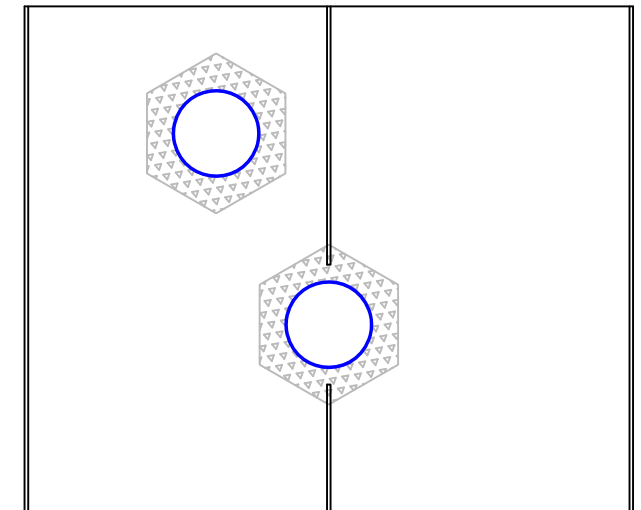


Create fixed points at clips immediately above & below detail across whole of affected elevation. Ensure Clips are at least 100mm away from detail. Allow free movement of sheets elsewhere.

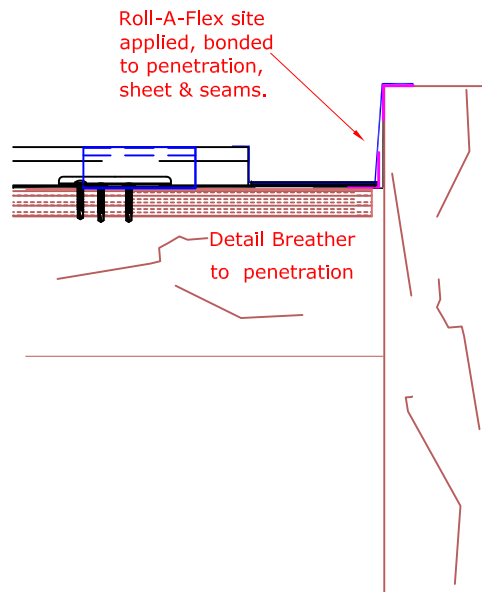
Roll-A-Flex site
applied bonded
to penetration,
sheet & seams.



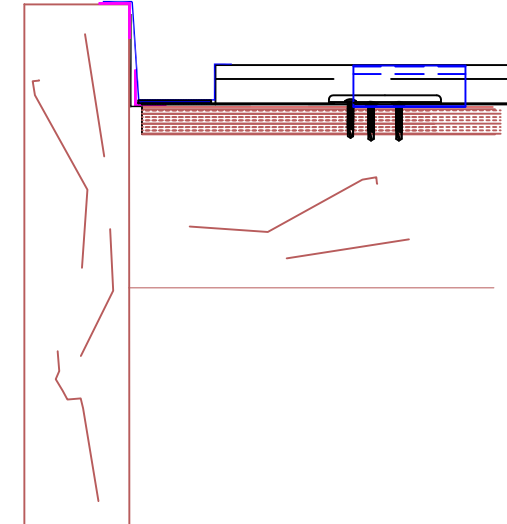
Internal sealing of penetration by others, typically at ceiling level.



Seamlock Cold Roof (On Ply, OSB or Timber Deck)



Create fixed points at clips immediately above & below detail across whole of affected elevation. Ensure Clips are at least 100mm away from detail. Allow free movement of sheets elsewhere.

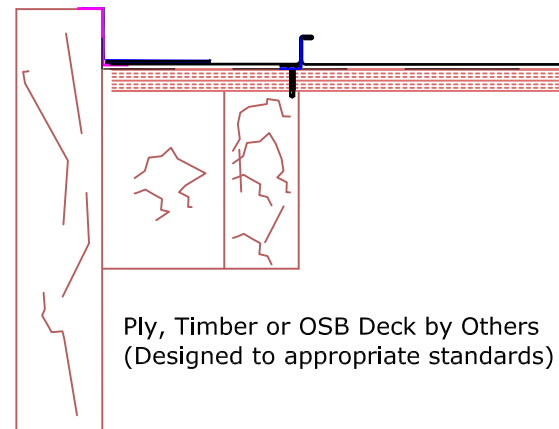


Structural Kerb By Others. Height, size and angle adjustable. Can be used as a landing for details such as rooflight units & access hatches.

Roll-A-Flex site applied bonded to penetration, sheet & seams.

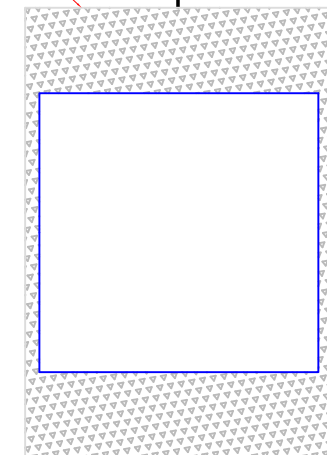


Detail Breather to penetration



**Ply, Timber or OSB Deck by Others
(Designed to appropriate standards)**

Roll-A-Flex site applied, bonded to penetration, sheet & seams. To provide adequate drainage around kerb upstands.



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Seamlock Cold Roof (On Ply, OSB or Timber Deck)

SEAMING OPTIONS AT END LAP

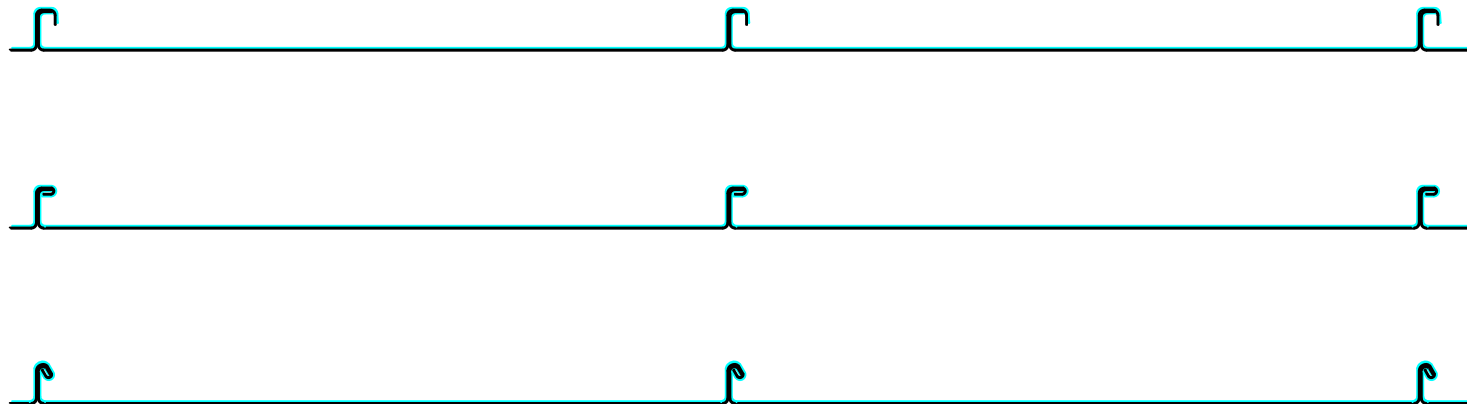
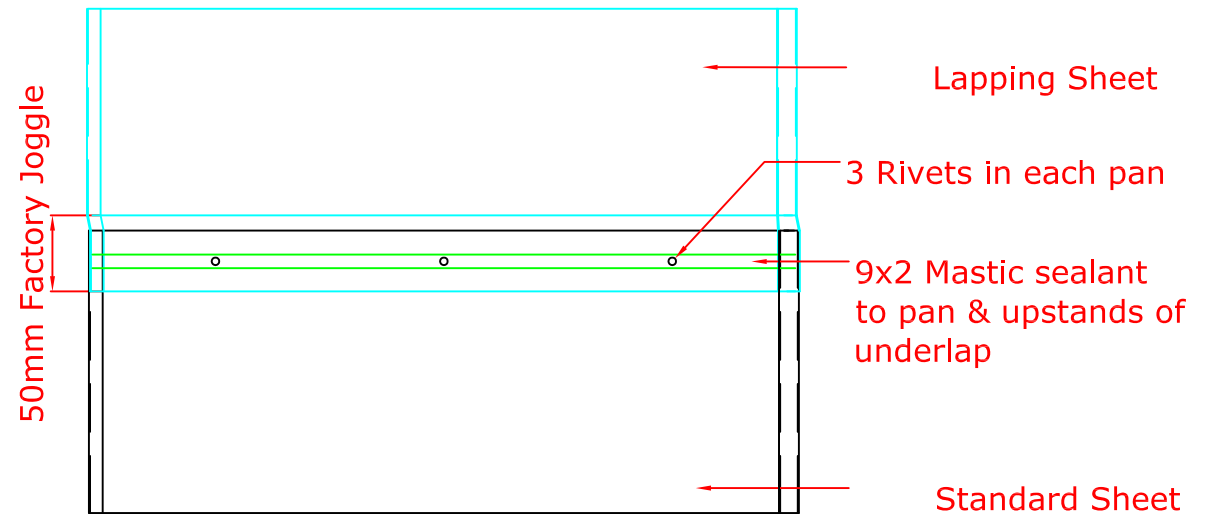
"Stage 1 Seam"(Steel Material Only)



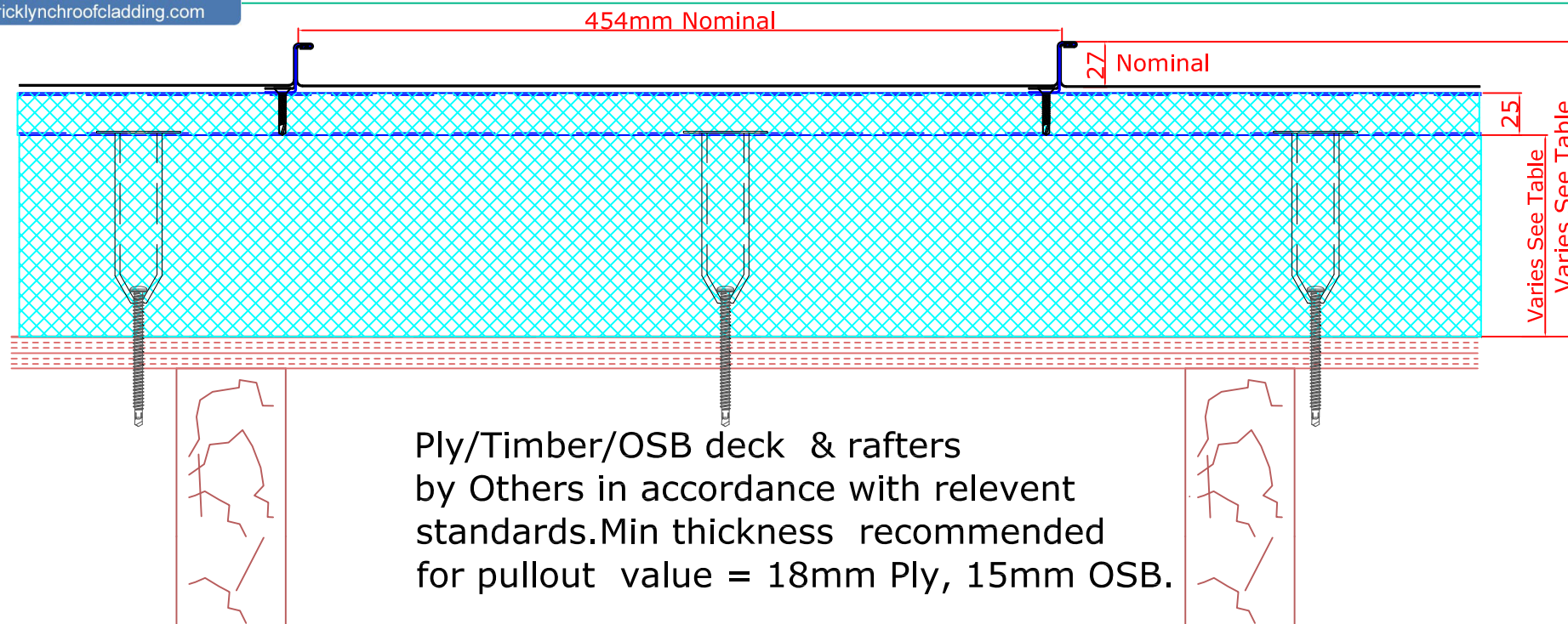
"Stage 2 Seam"(Aluminium Material Only)



Create fixed points at clips immediately above & below detail across whole of affected elevation.
Ensure Clips are at least 100mm away from detail.
Allow free movement of sheets elsewhere.



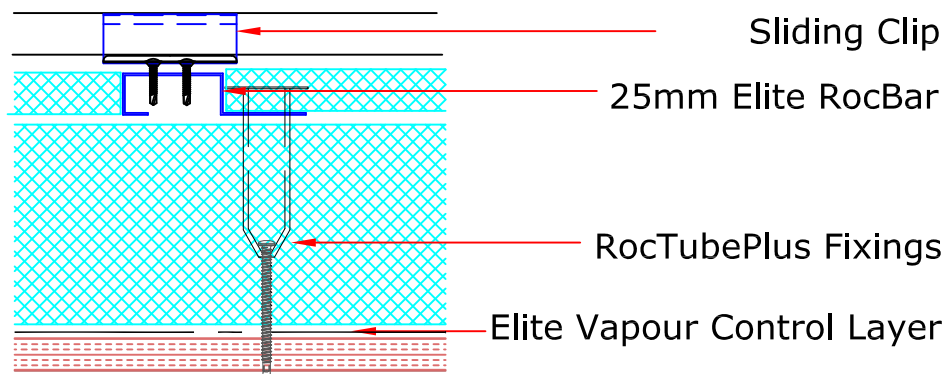
Seamlock Warm Roof (On Ply, OSB or Timber Deck)



U Value (RocSlab)	0.25	0.20	0.18	0.15
Insulation Depth (Excluding 25mm upper slab)	120mm	155mm	180mm	215mm
Overall System Depth (From Top of Deck)	174mm	209mm	234mm	269mm

U Value (RocSlab Lite)	0.25	0.17	0.15	0.13	0.11
Insulation Depth (Excluding 25mm upper slab)	90mm	130mm	150mm	180mm	200mm
Overall System Depth (From Top of Deck)	142mm	182mm	202mm	232mm	277mm

Seamlock Warm Roof (On Ply, OSB or Timber Deck)

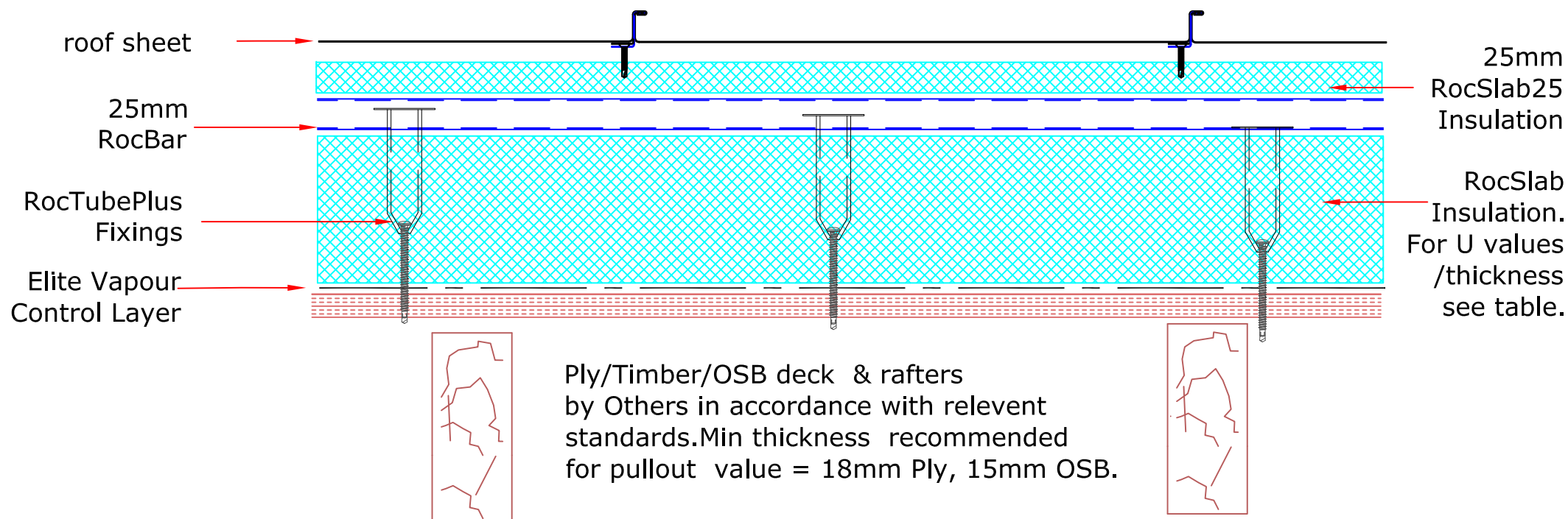


Sheet Seaming Sequence

"Stage 1 Seam" (Steel Material Only)



"Stage 2 Seam" (Aluminium Material Only)



Seamlock Warm Roof (On Ply, OSB or Timber Deck)

**TYPICAL ARRANGEMENT: 1260mm IN CENTRAL AREAS,
REDUCE CLIP CENTRES AT RIDGE EAVES AND PERIMETERS
AND IN HIGH LOAD AREAS.**

CHECK SYSTEM CAPACITY AGAINST PROJECT LOADS AND ADJUST IF NECESSARY

**CLIP TYPICAL CENTRES:
DETERMINED BY PROJECT WIND SUCTION LOADS AS FOLLOWS:
1260mm for loads up to 1.5kN/M²
660mm for loads 1.5 to 2.0kN/M²
300mm for loads 2 to 4kN/M²
Where substrate is Min 18mm ply or Min 15mm OSB 3**

Ensure Slab insulation is present to
support sheet ends and Rocbar base.

Standard Slab Size 1200 x 600mm

Standard Slab Size 1200 x 1000mm
Offset slab edge to RocTubePlus fixing position.

Standard Slab Size 1200 x 600mm

660
600

60

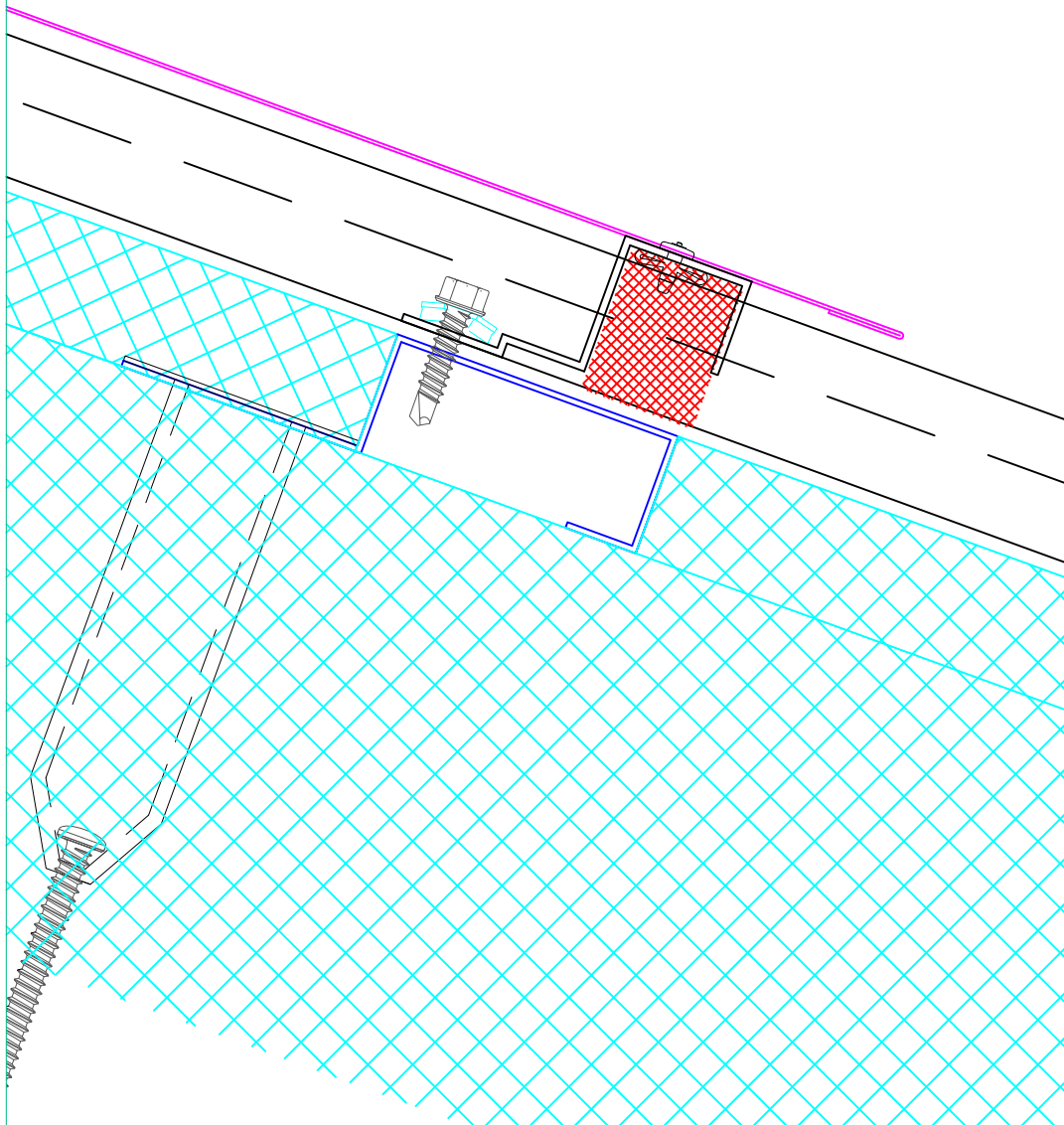
1260
1200

STANDARD FIXINGS PATTERN: AT MAXIMUM 200mm CENTRES (15 FIXINGS PER 3M ROCBAR)

**WHERE OFFCUTS ARE USED:
A MINIMUM HOLE TO CUT EDGE DISTANCE OF 50MM IS REQUIRED.
MAXIMUM 200MM FIXING CENTRES MUST BE MAINTAINED & EACH
OFFCUT MUST HAVE A FIXING IN EACH END HOLE.
THE MINIMUM OFFCUT ALLOWABLE IS 300mm LONG WITH A FIXING IN EACH END.
IF A SHORTER LENGTH THEN 300mm IS REQUIRED, ROTATE THE RAIL AND LAP BACK.**

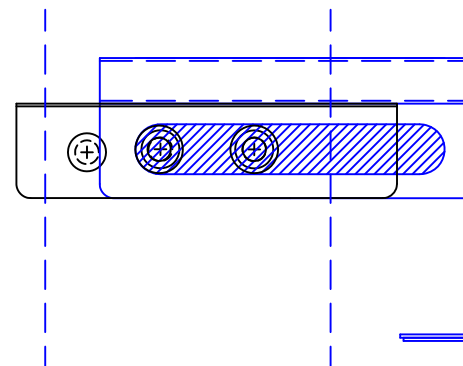
Seamlock Warm Roof (On Ply, OSB or Timber Deck)

Standard Fixed Point. **Sheet fixed through to RocBar**

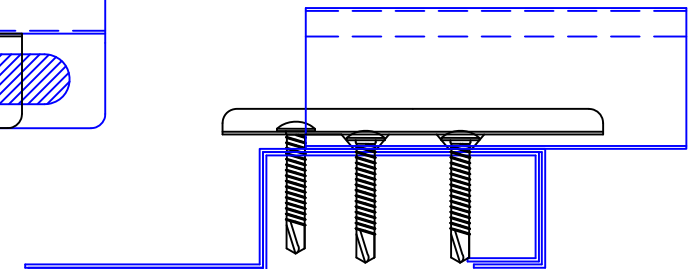


Alternative for use elsewhere on slope: Create Fixed Point Using Clip with Additional Fixing

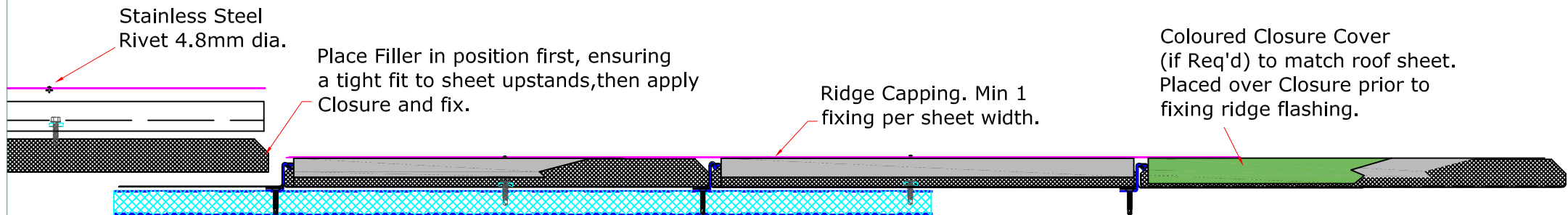
Plan View



Side View



Seamlock Warm Roof (On Ply, OSB or Timber Deck)



Seamlock Warm Roof (On Ply, OSB or Timber Deck)

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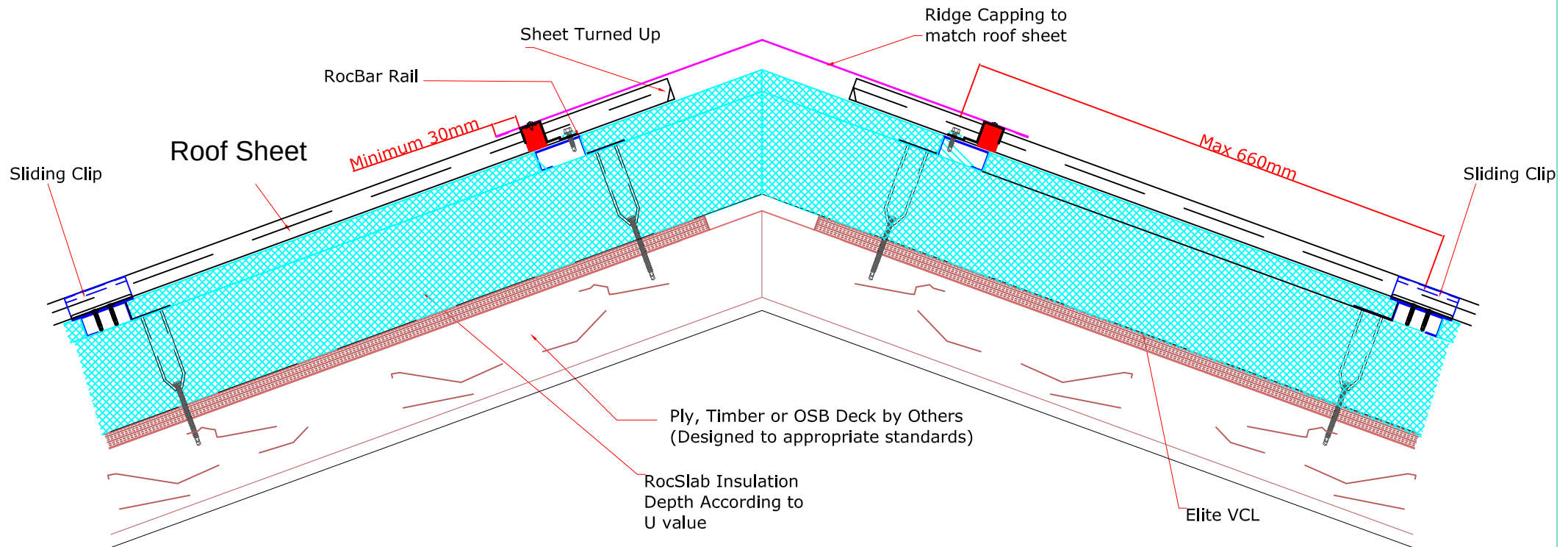
Phone: 087 - 2543499

Phone: 021 - 4551000

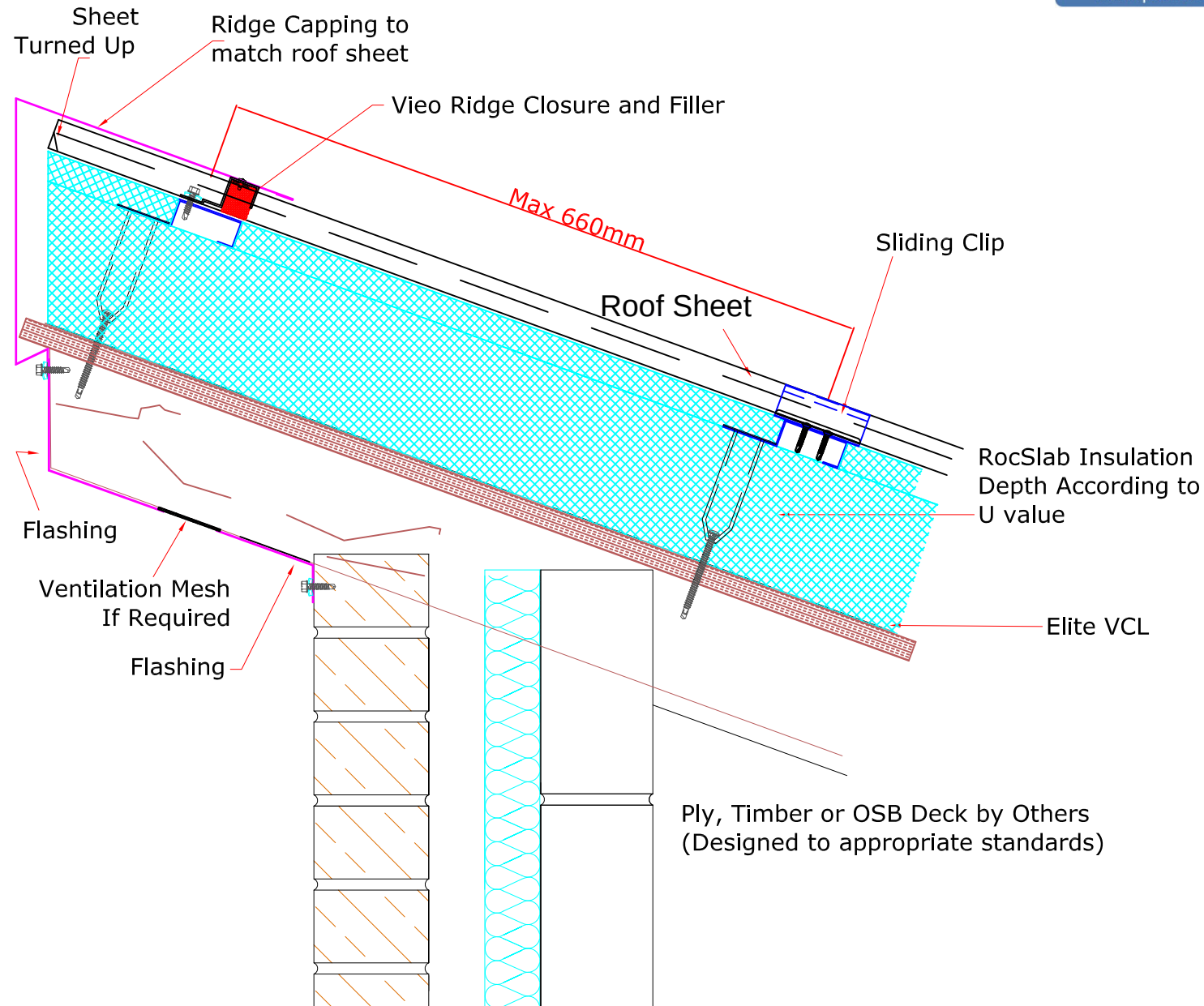
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Seamlock Warm Roof (On Ply, OSB or Timber Deck)



Seamlock Warm Roof (On Ply, OSB or Timber Deck)

Sliding Clip

Fixed Point

Max 660mm

Max 660mm

Below 50M radius RocSlab needs to be partially sawn through from bottom to around 50mm from top of slab to allow it to follow curves. (Below 50M radius when using 600mm wide slab). When cutting vee grooves in small radii ensure that these are cut to minimum width to ensure continuity of insulation.

Flashing fixed to inverted Ridge Closure

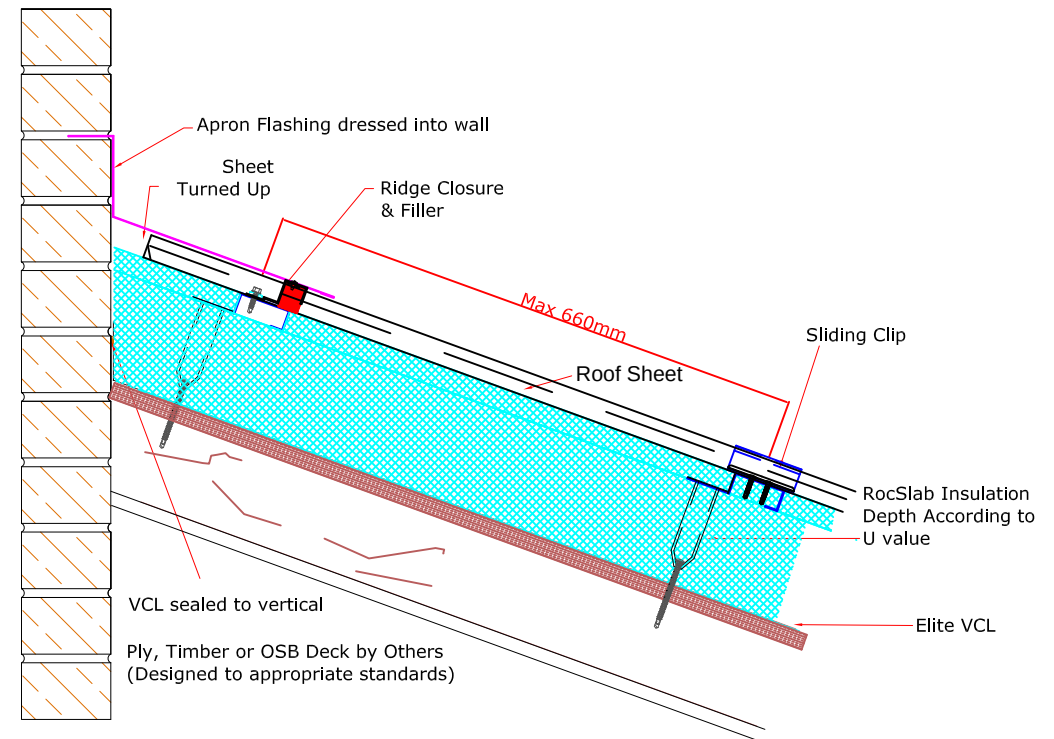
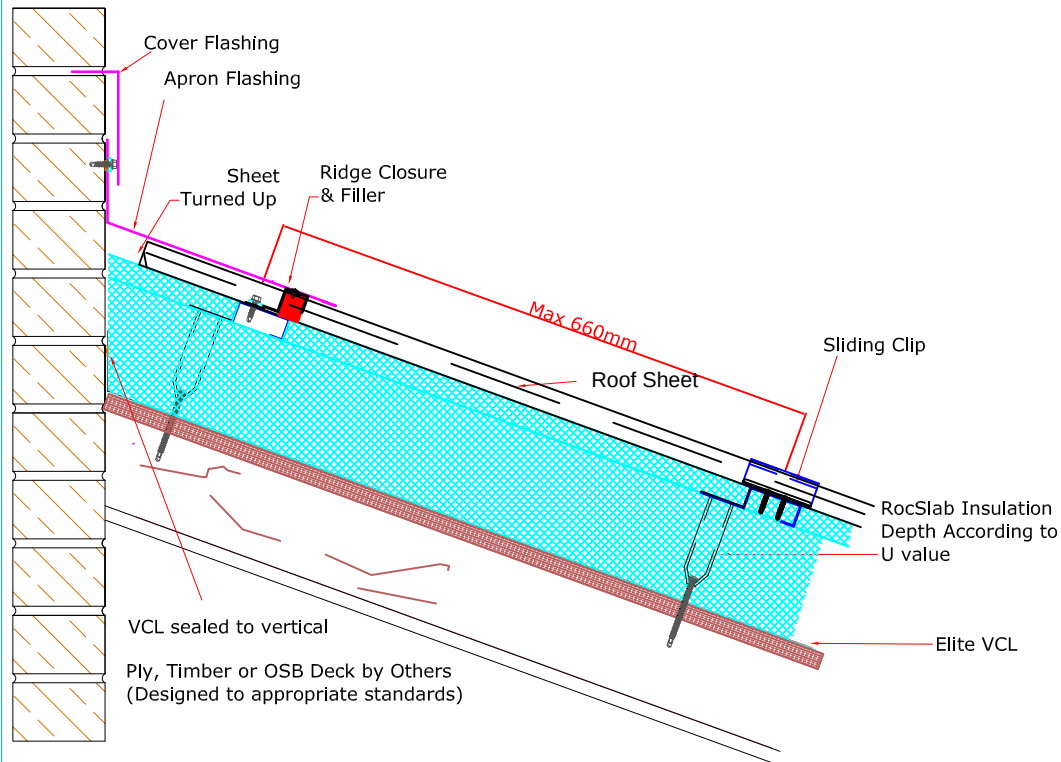
end of sheet must fall under downslope edge of inverted Closure

Maximum 75mm

Maximum allowable to next clip 300mm

The diagram illustrates a cross-section of a roof ridge assembly. A blue hatched area represents the roof deck. A red hatched area represents the inverted ridge closure. A green hatched area represents the sheet metal. A black line indicates the flashing fixed to the inverted ridge closure. A red line indicates the end of the sheet metal, which must fall under the downslope edge of the inverted closure. Dimensions are provided: a maximum of 75mm for the overlap and a maximum allowable distance of 300mm to the next clip.

Seamlock Warm Roof (On Ply, OSB or Timber Deck)



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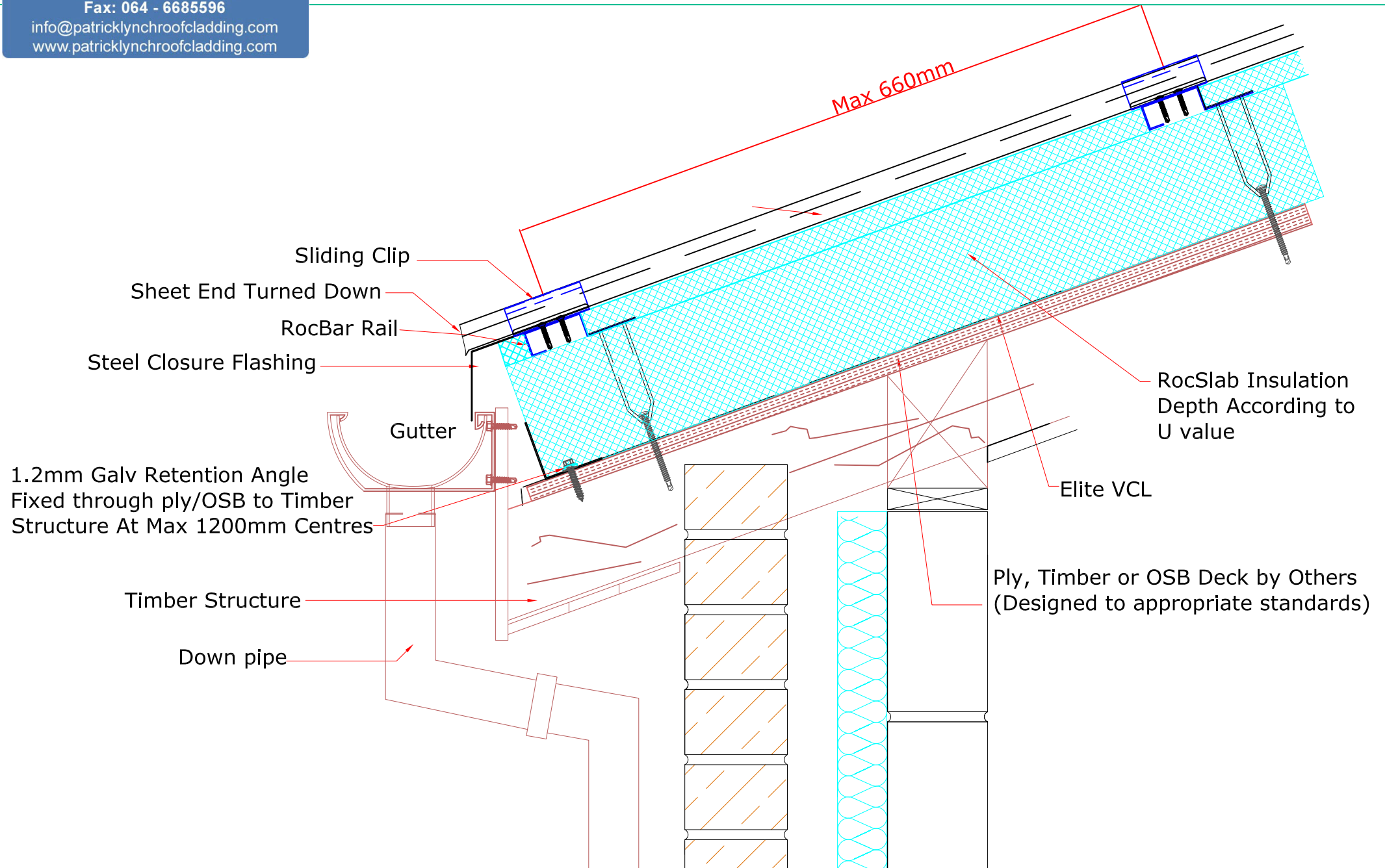
Phone: 021 - 4551000

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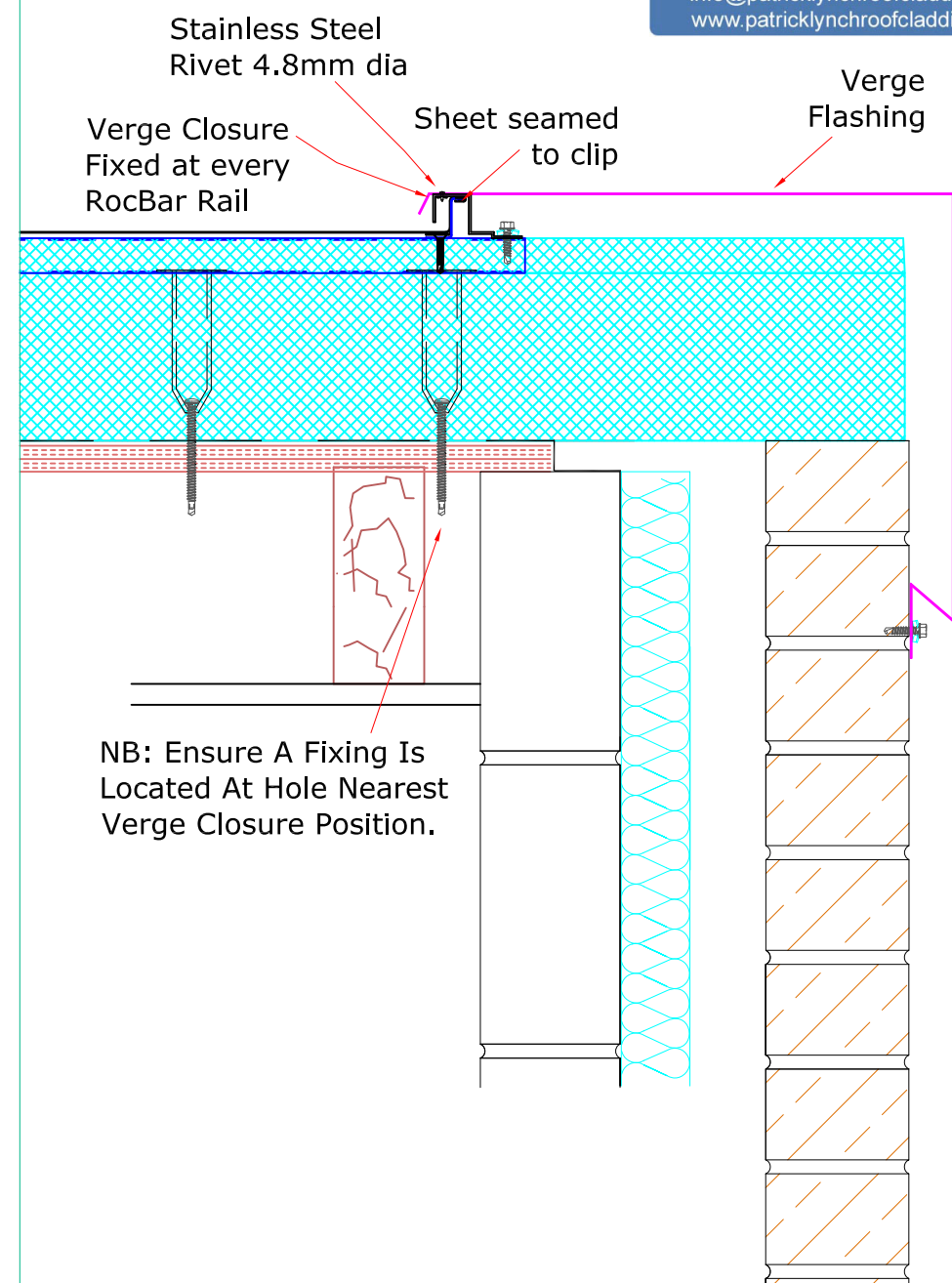
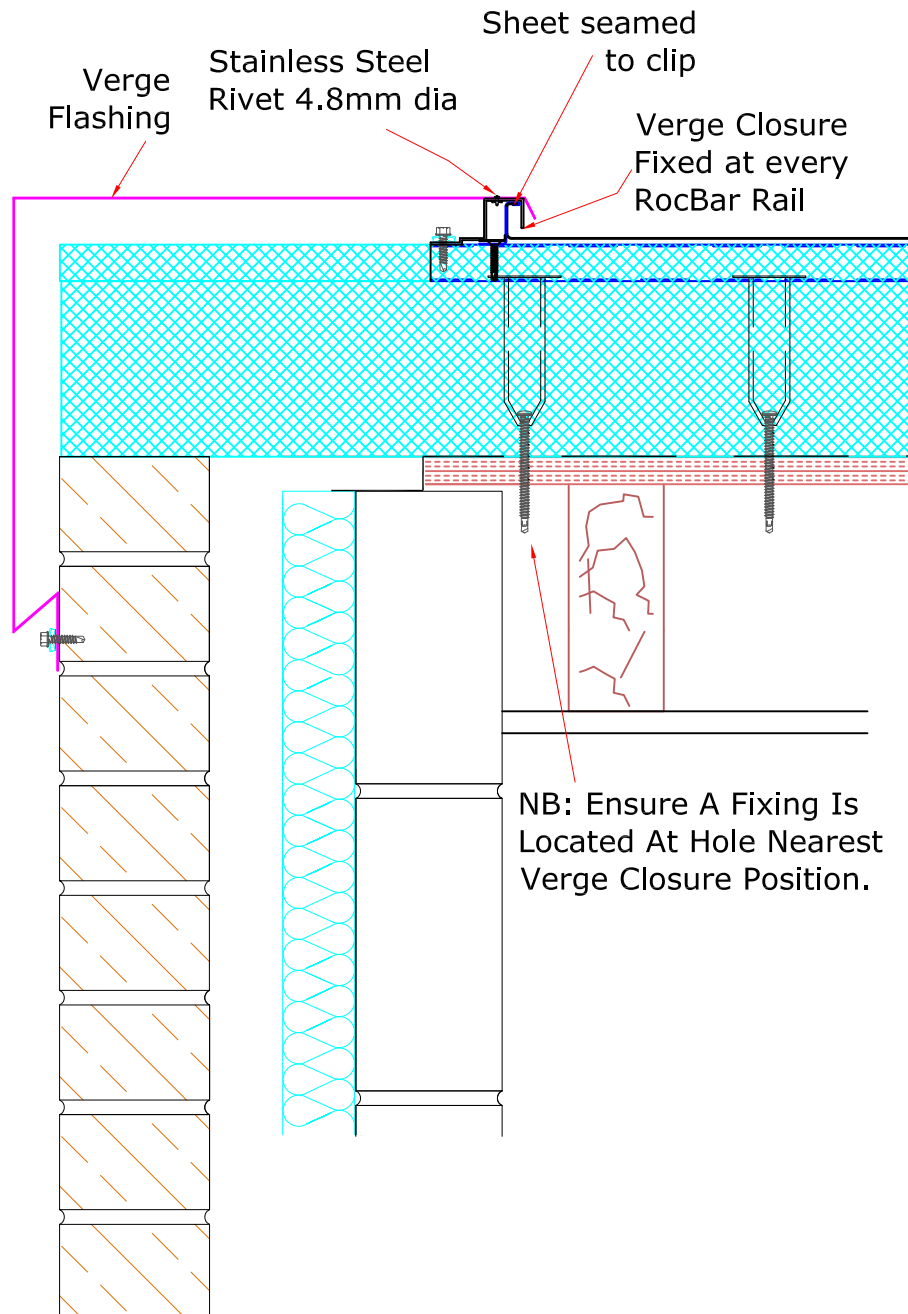
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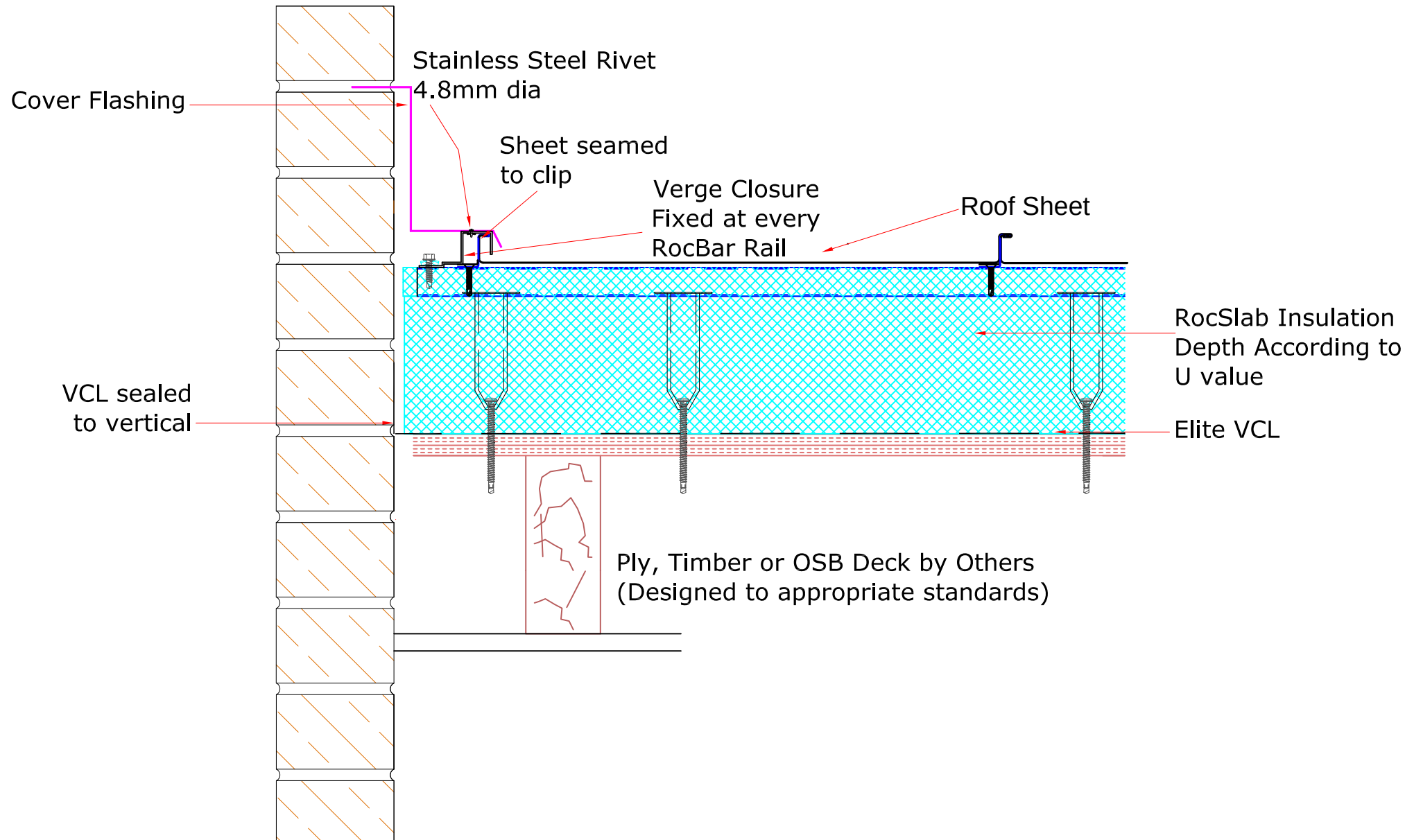
Seamlock Warm Roof (On Ply, OSB or Timber Deck)



Seamlock Warm Roof (On Ply, OSB or Timber Deck)

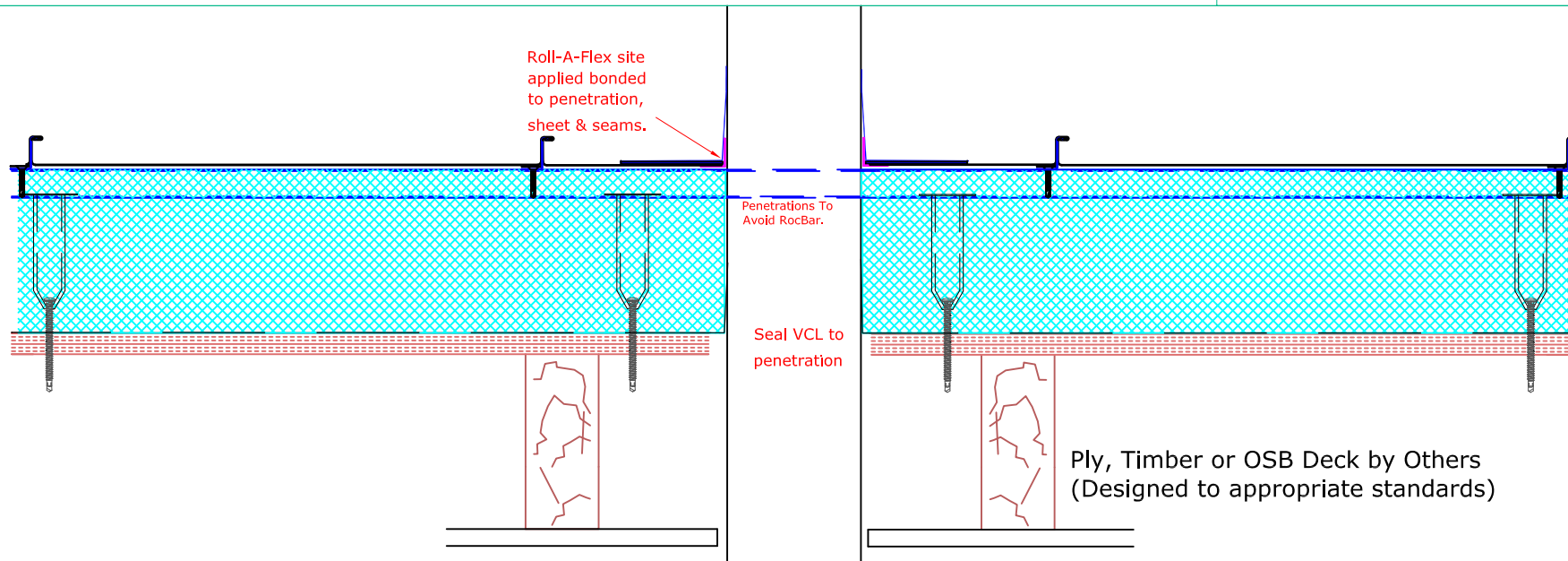
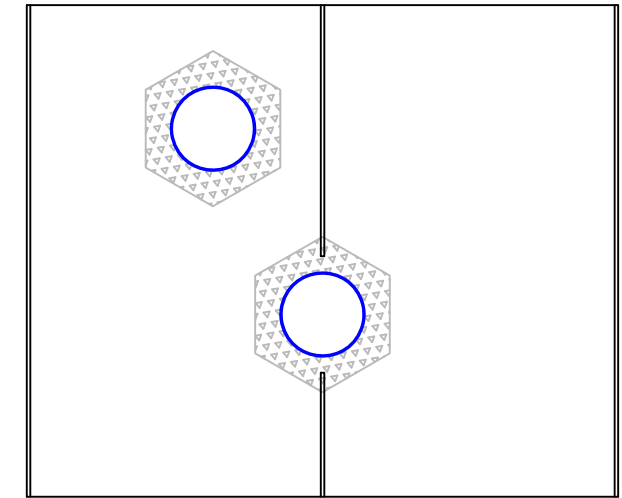
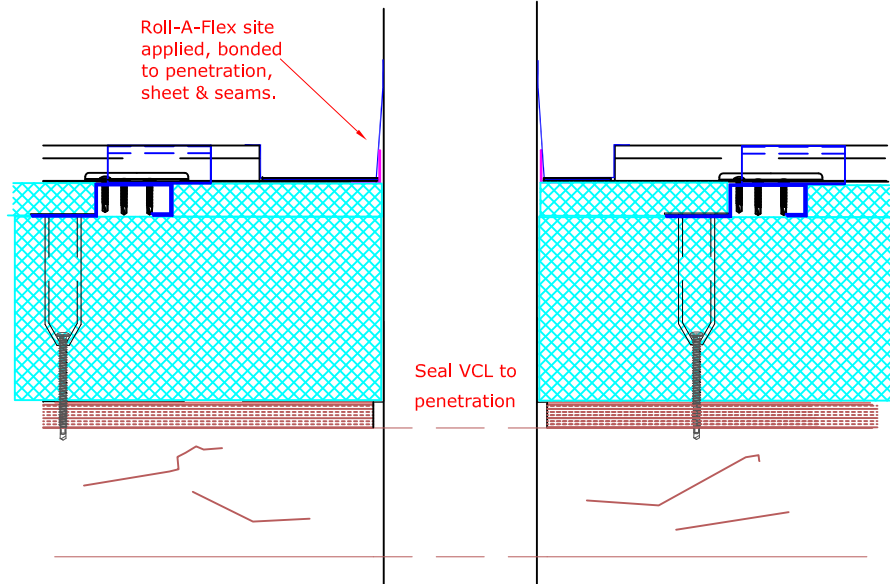


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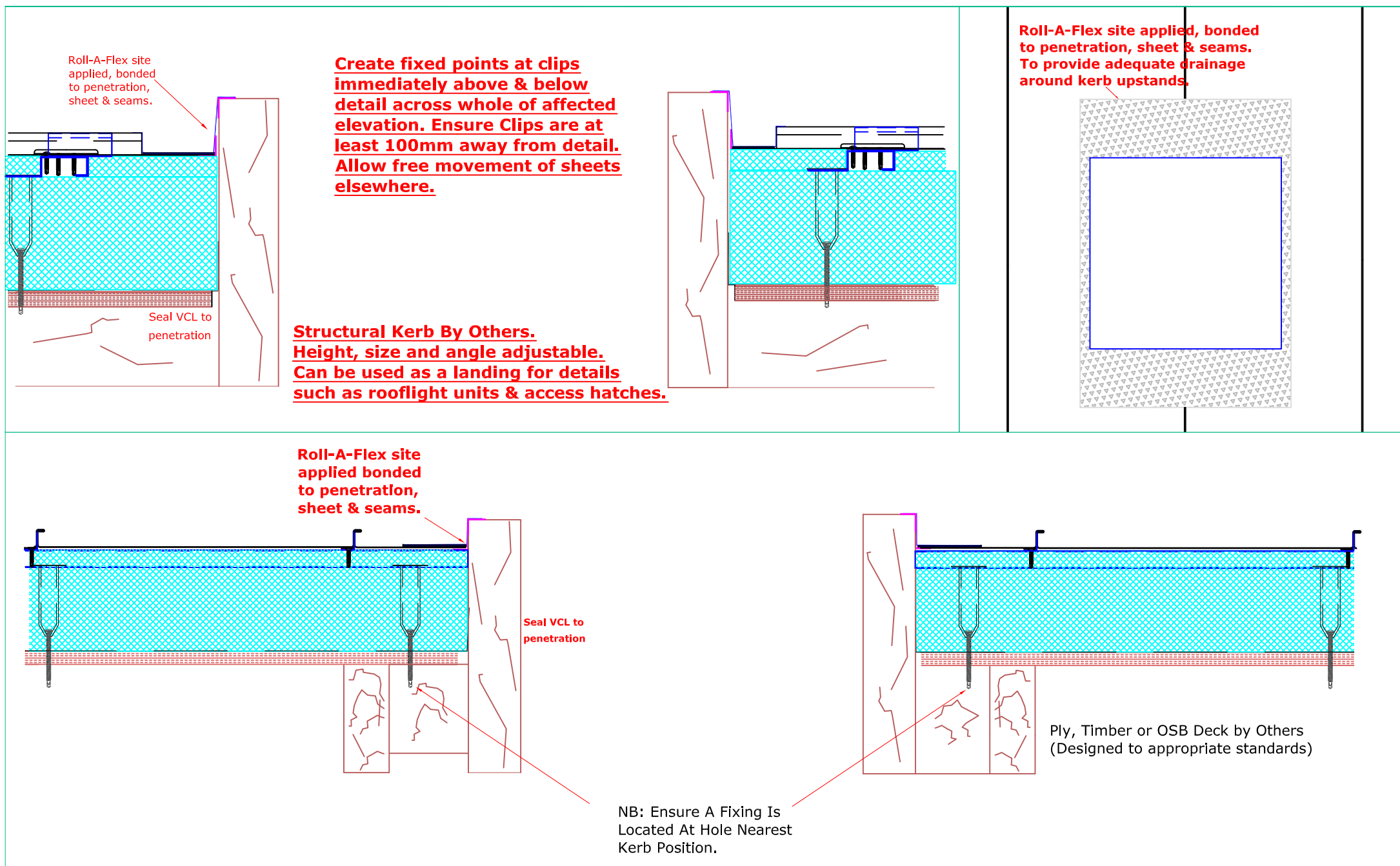


Seamlock Warm Roof (On Ply, OSB or Timber Deck)

Create fixed points at clips immediately above & below detail across whole of affected elevation. Ensure Clips are at least 100mm away from detail. Allow free movement of sheets elsewhere.



Seamlock Warm Roof (On Ply, OSB or Timber Deck)



Seamlock Warm Roof (On Ply, OSB or Timber Deck)

ONLY SUITABLE FOR PITCHES >5°

SEAMING OPTIONS AT END LAP

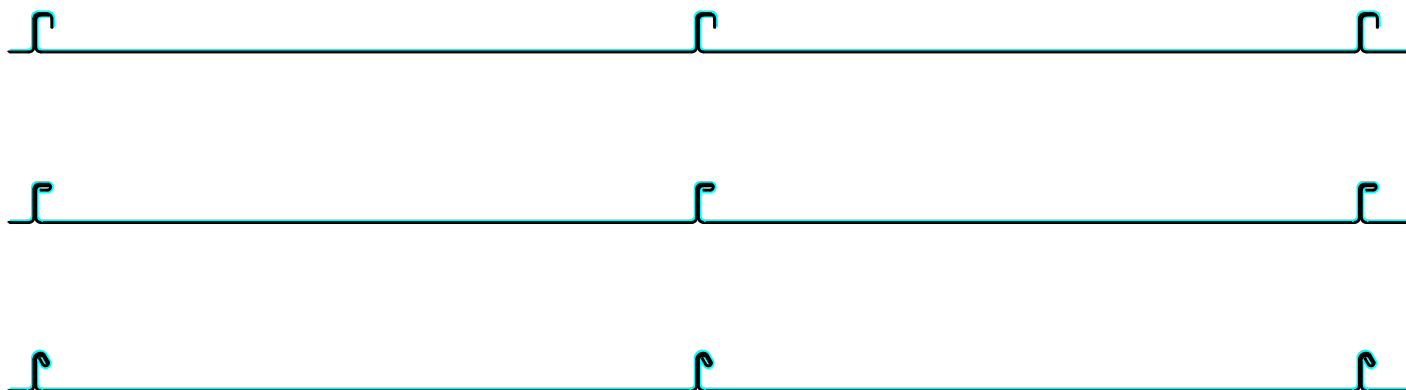
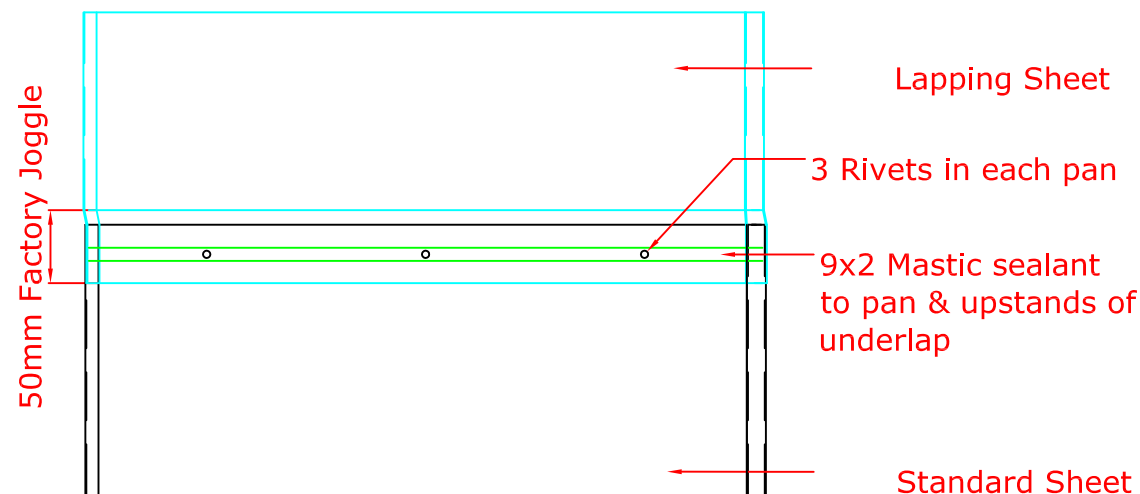
"Stage 1 Seam"(Steel Material Only)



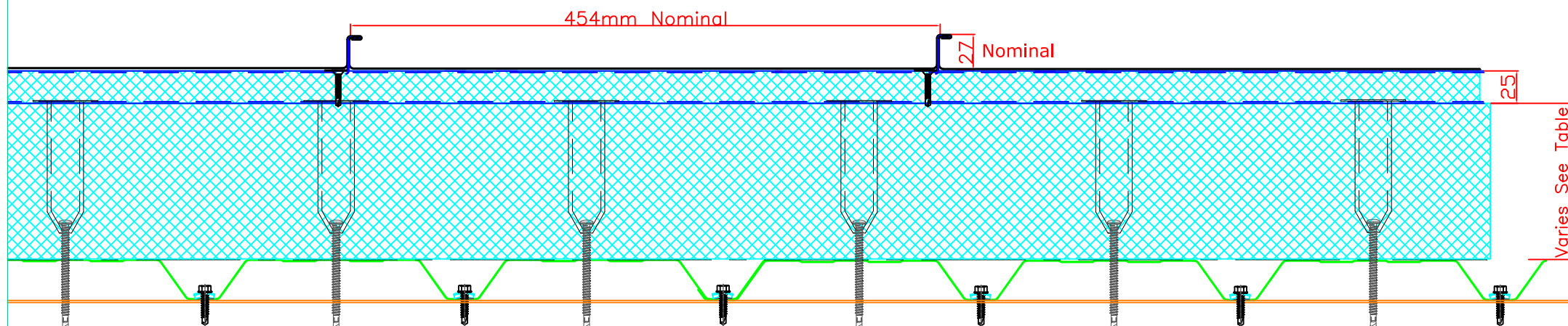
"Stage 2 Seam"(Aluminium Material Only)



Create fixed points at clips immediately above & below detail across whole of affected elevation.
Ensure Clips are at least 100mm away from detail.
Allow free movement of sheets elsewhere.



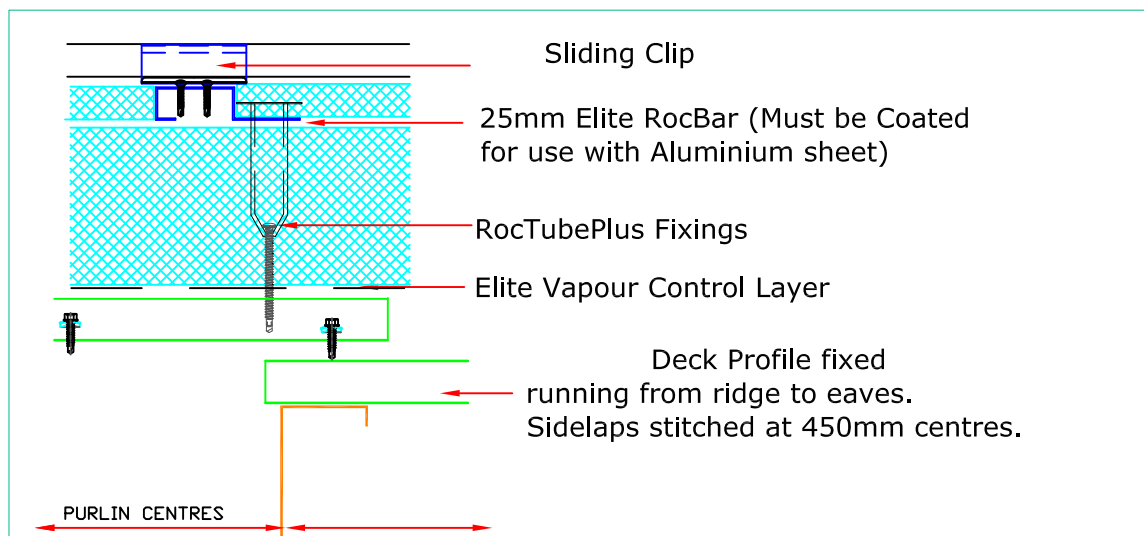
Seamlock Warm Roof (On Metal Deck Oriented Upslope)



U Value	0.25	0.20	0.18	0.15
Insulation Depth (Excluding 25mm upper slab)	120mm	155mm	180mm	215mm
Overall System Depth (From Top of Deck)	174mm	209mm	234mm	269mm

U Value (RocSlab Lite)	0.25	0.17	0.15	0.13	0.11
Insulation Depth (Excluding 25mm upper slab)	90mm	130mm	150mm	180mm	200mm
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Seamlock Warm Roof (On Metal Deck Oriented Upslope)

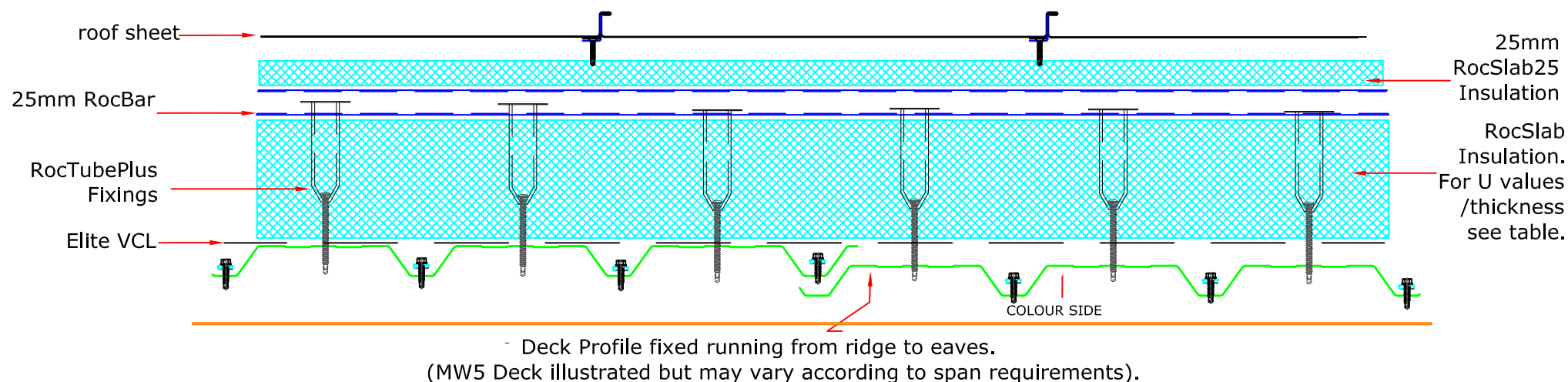


Sheet Seaming Sequence

"Stage 1 Seam" (Steel Material Only)



"Stage 2 Seam" (Aluminium Material Only)

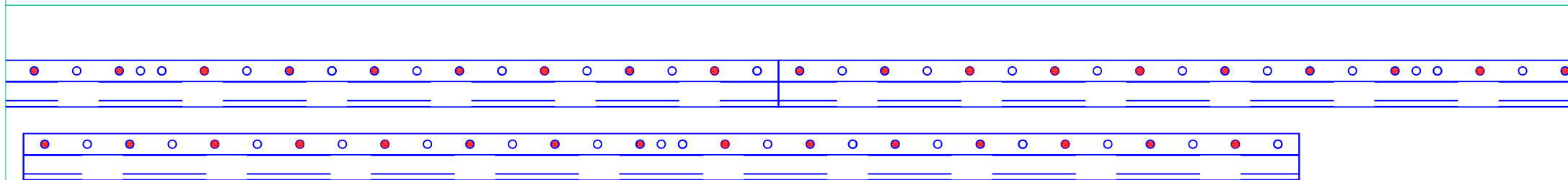
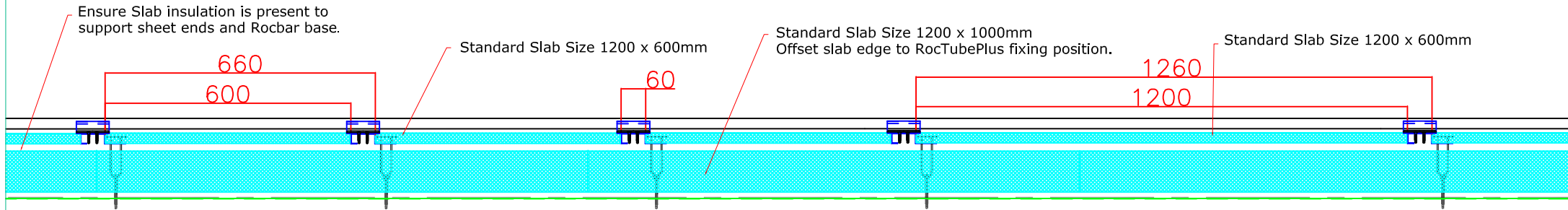


Seamlock Warm Roof (On Metal Deck Oriented Upslope)

**TYPICAL ARRANGEMENT: 1260mm IN CENTRAL AREAS,
REDUCE CLIP CENTRES AT RIDGE EAVES AND PERIMETERS
AND IN HIGH LOAD AREAS.**

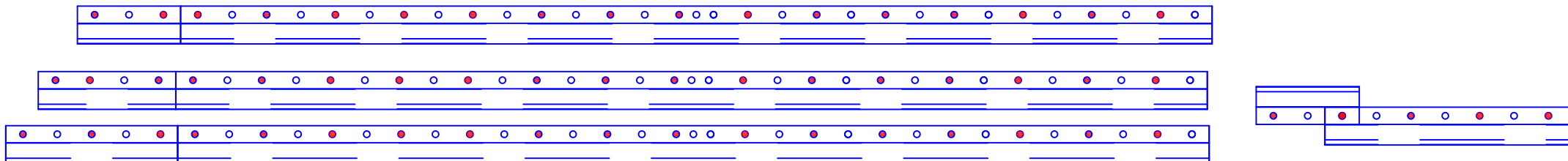
CHECK SYSTEM CAPACITY AGAINST PROJECT LOADS AND ADJUST IF NECESSARY

**CLIP TYPICAL CENTRES:
DETERMINED BY PROJECT WIND SUCTION LOADS AS FOLLOWS:
1260mm for loads up to 1.5kN/M²
660mm for loads 1.5 to 2.0kN/M²
300mm for loads 2 to 4kN/M²
Where substrate is Min 18mm ply or Min 15mm OSB 3**

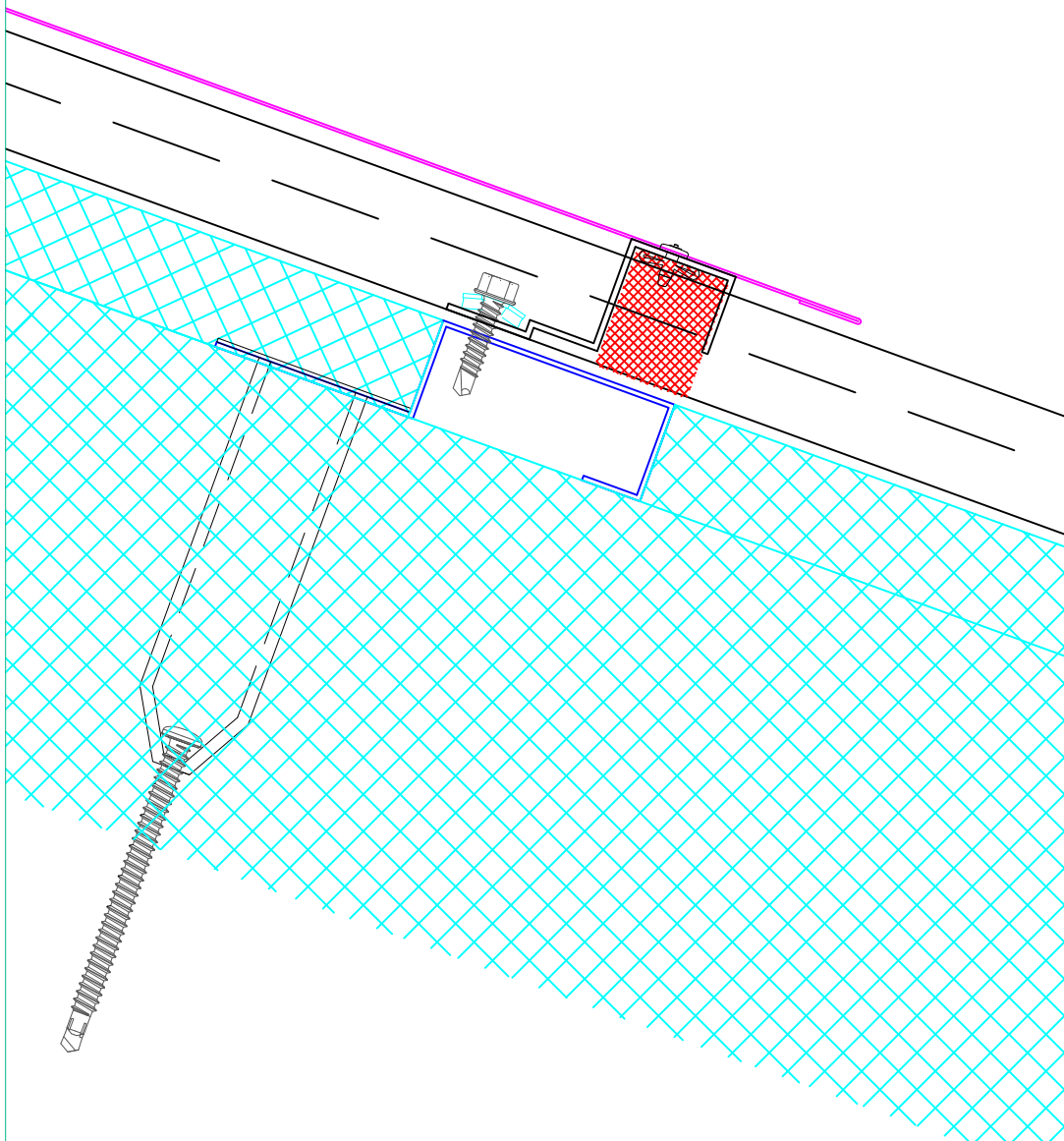


STANDARD FIXINGS PATTERN: FIX TO EVERY DECK CROWN (15 FIXINGS PER 3M ROCBAR).

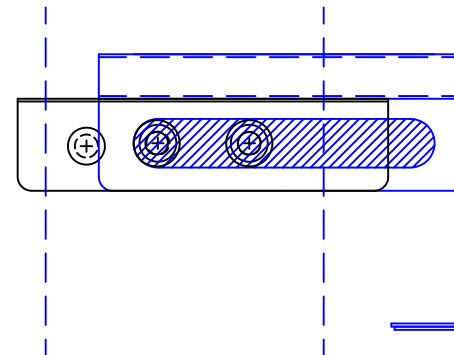
**WHERE OFFCUTS ARE USED:
A MINIMUM HOLE TO CUT EDGE DISTANCE OF 50MM IS REQUIRED.
MAXIMUM 200MM FIXING CENTRES MUST BE MAINTAINED & EACH
OFFCUT MUST HAVE A FIXING IN EACH END HOLE.
THE MINIMUM OFFCUT ALLOWABLE IS 300mm LONG WITH A FIXING IN EACH END.
IF A SHORTER LENGTH THEN 300mm IS REQUIRED, ROTATE THE RAIL AND LAP BACK.**



Standard Fixed Point.
Sheet fixed through to RocBar



Plan View



Seamlock Warm Roof (On Metal Deck Oriented Upslope)

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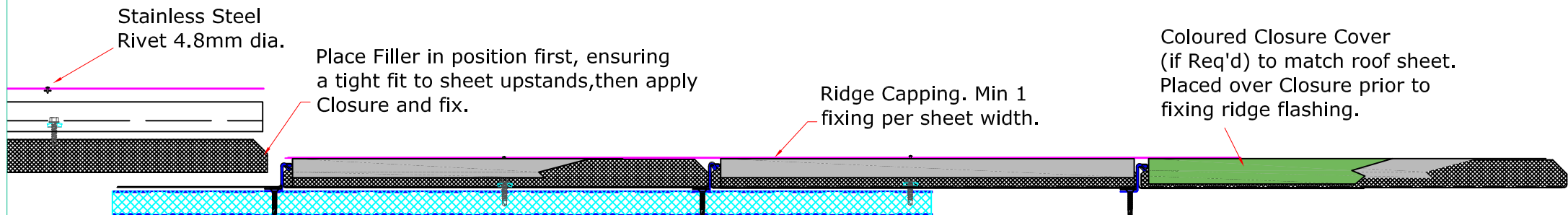
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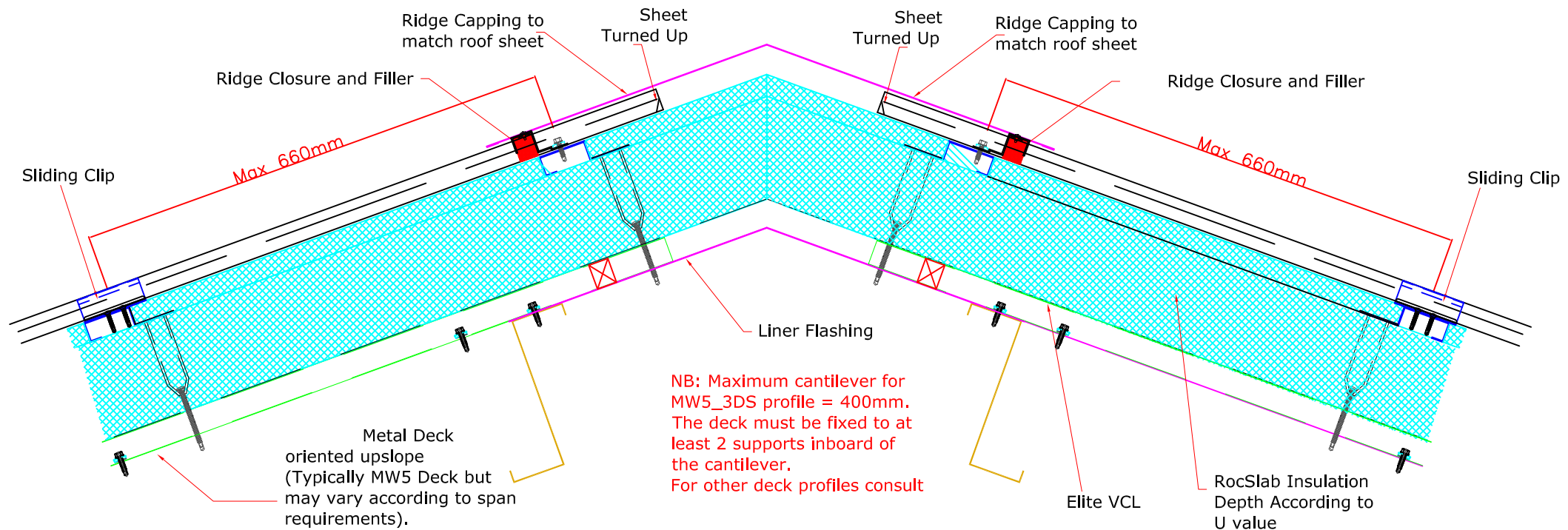
Fax: 064 - 6685596

info@patricklynchroofcladding.com

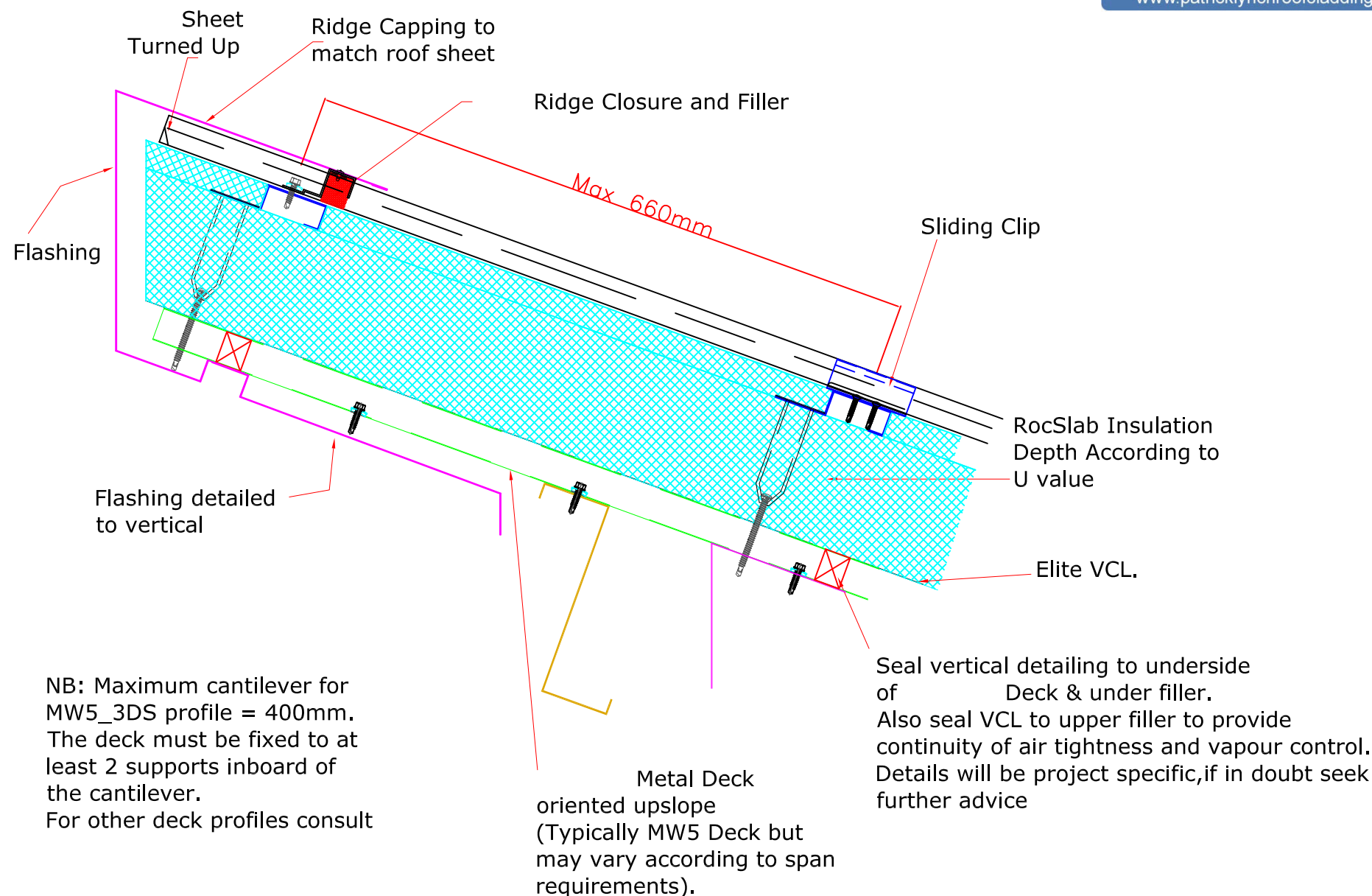
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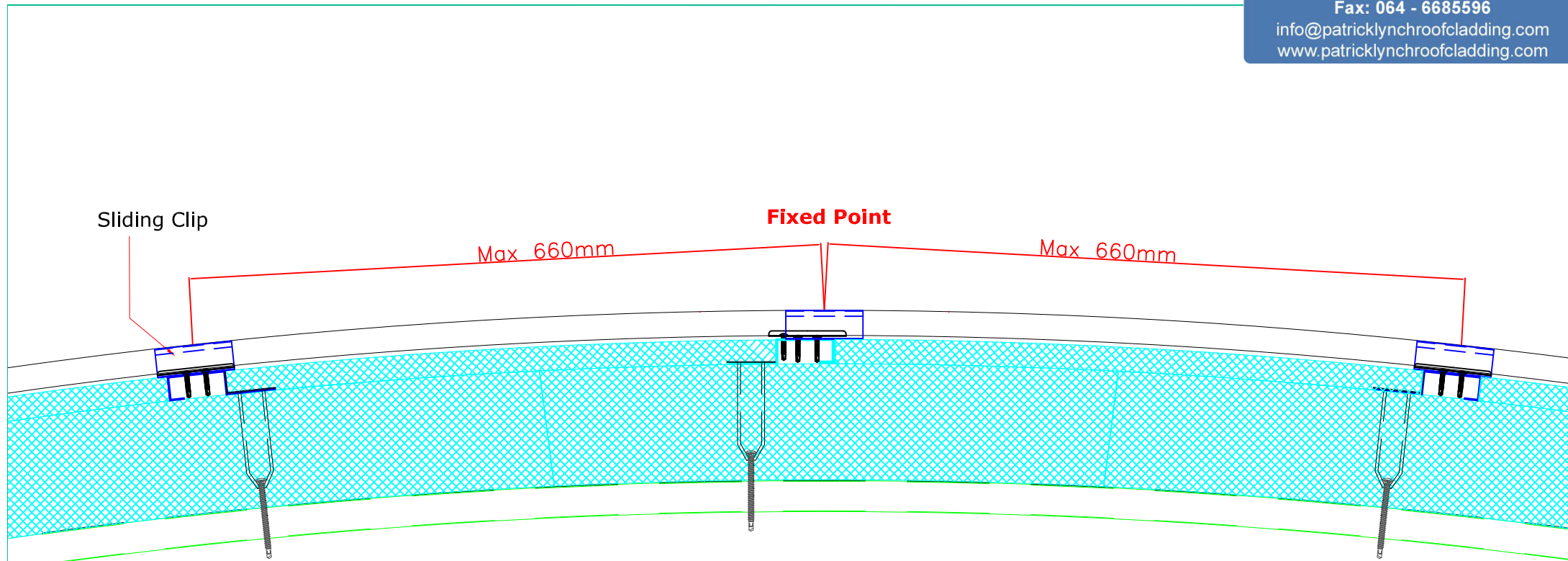
Seamlock Warm Roof (On Metal Deck Oriented Upslope)



Seamlock Warm Roof (On Metal Deck Oriented Upslope)



Seamlock Warm Roof (On Metal Deck Oriented Upslope)

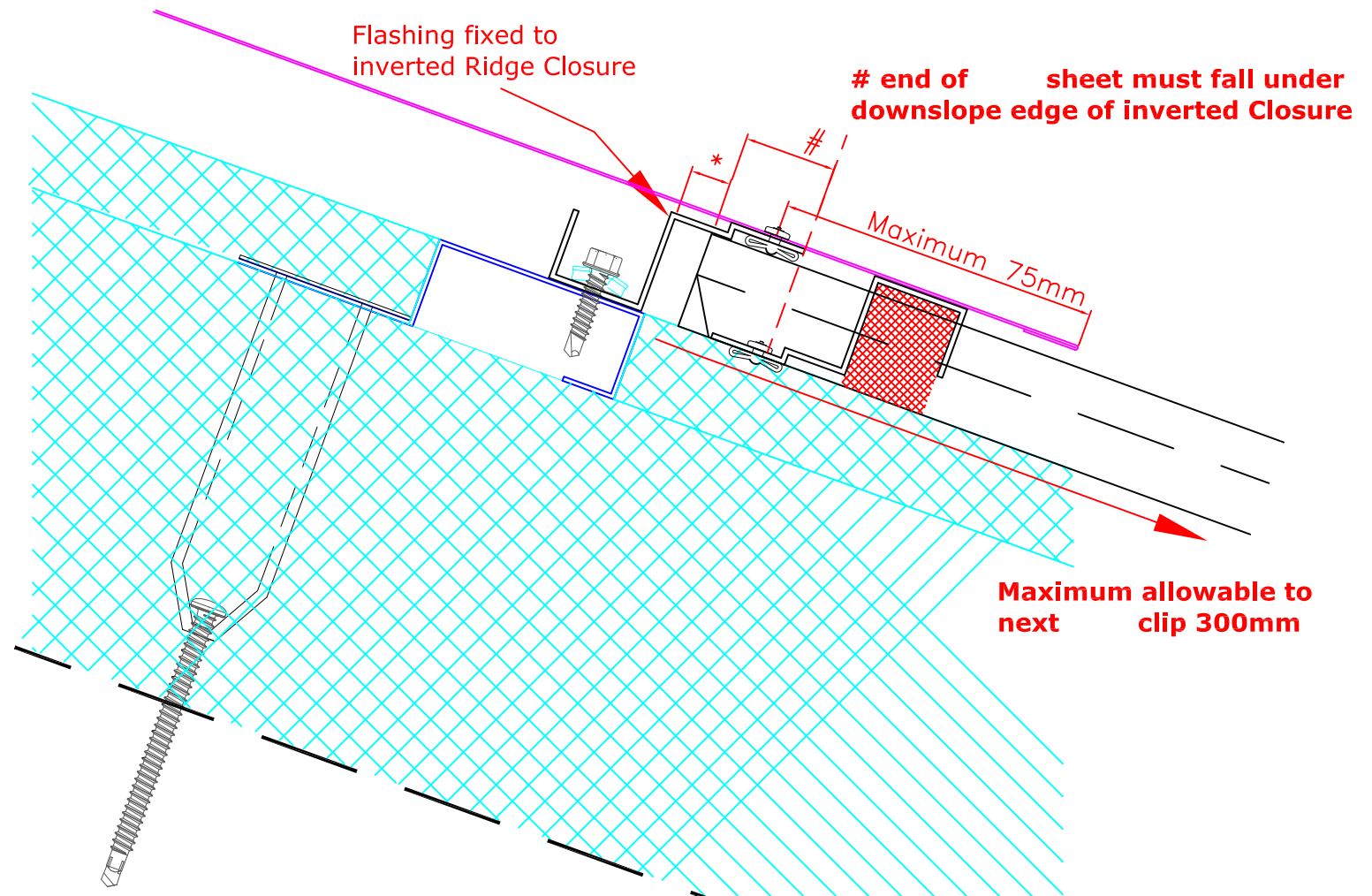


Below 50M radius RocSlab needs to be partially sawn through from bottom to around 50mm from top of slab to allow it to follow curves. (Below 50M radius when using 600mm wide slab). When cutting vee grooves in small radii ensure that these are cut to minimum width to ensure continuity of insulation.

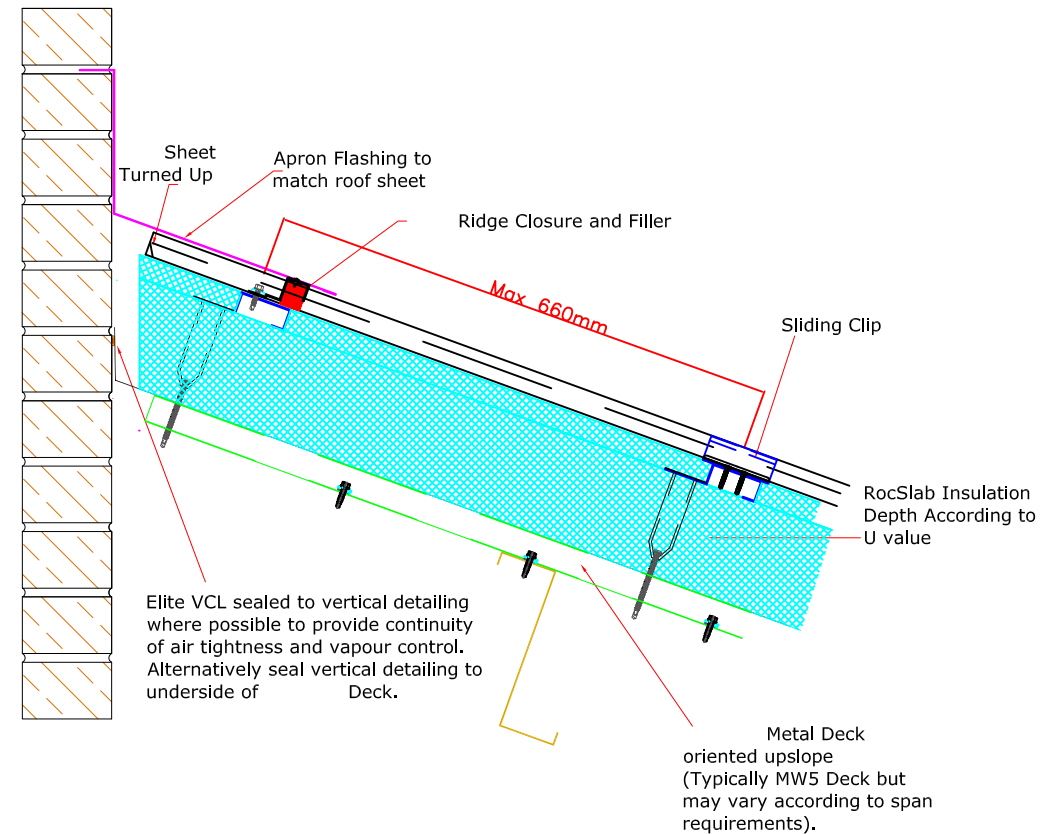
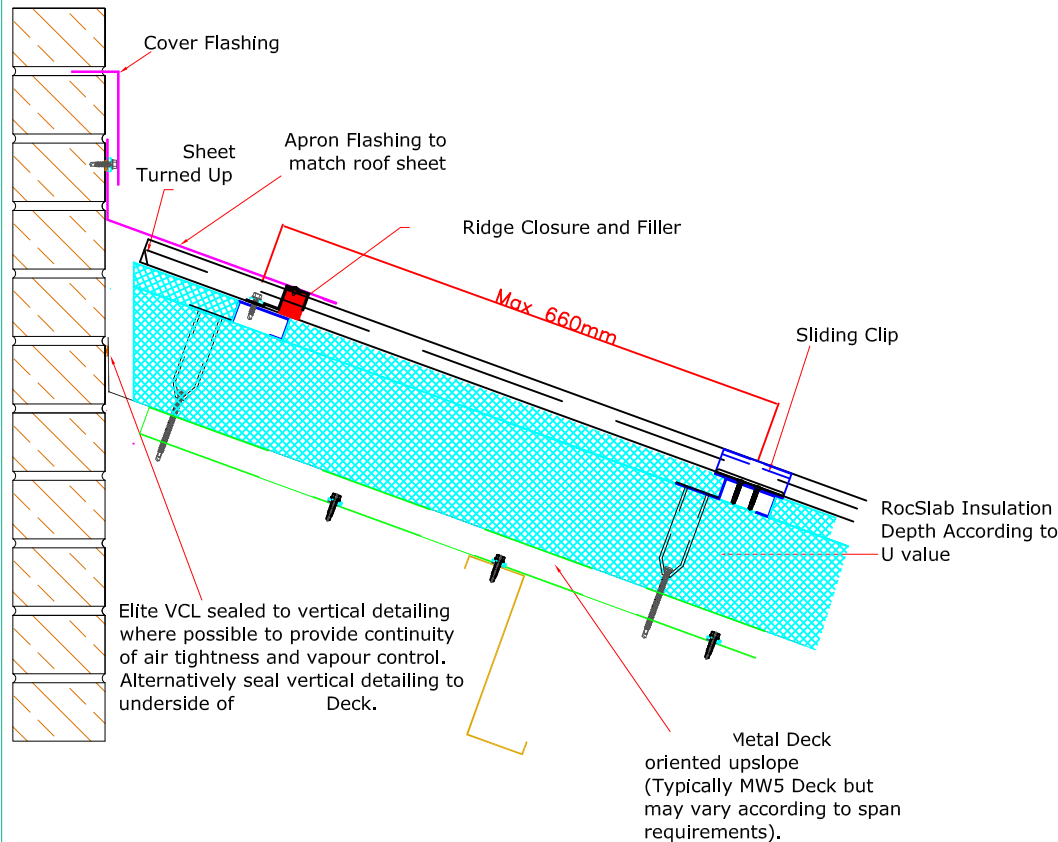
Seamlock Warm Roof (On Metal Deck Oriented Upslope)

Ridge Expansion Detail
(for use when fixed point
is not created at ridge).

*** Allow clearance for anticipated
movement between support Closure, end
of Vico sheet & Ridge Closure**



Seamlock Warm Roof (On Metal Deck Oriented Upslope)



Seamlock Warm Roof (On Metal Deck Oriented Upslope)

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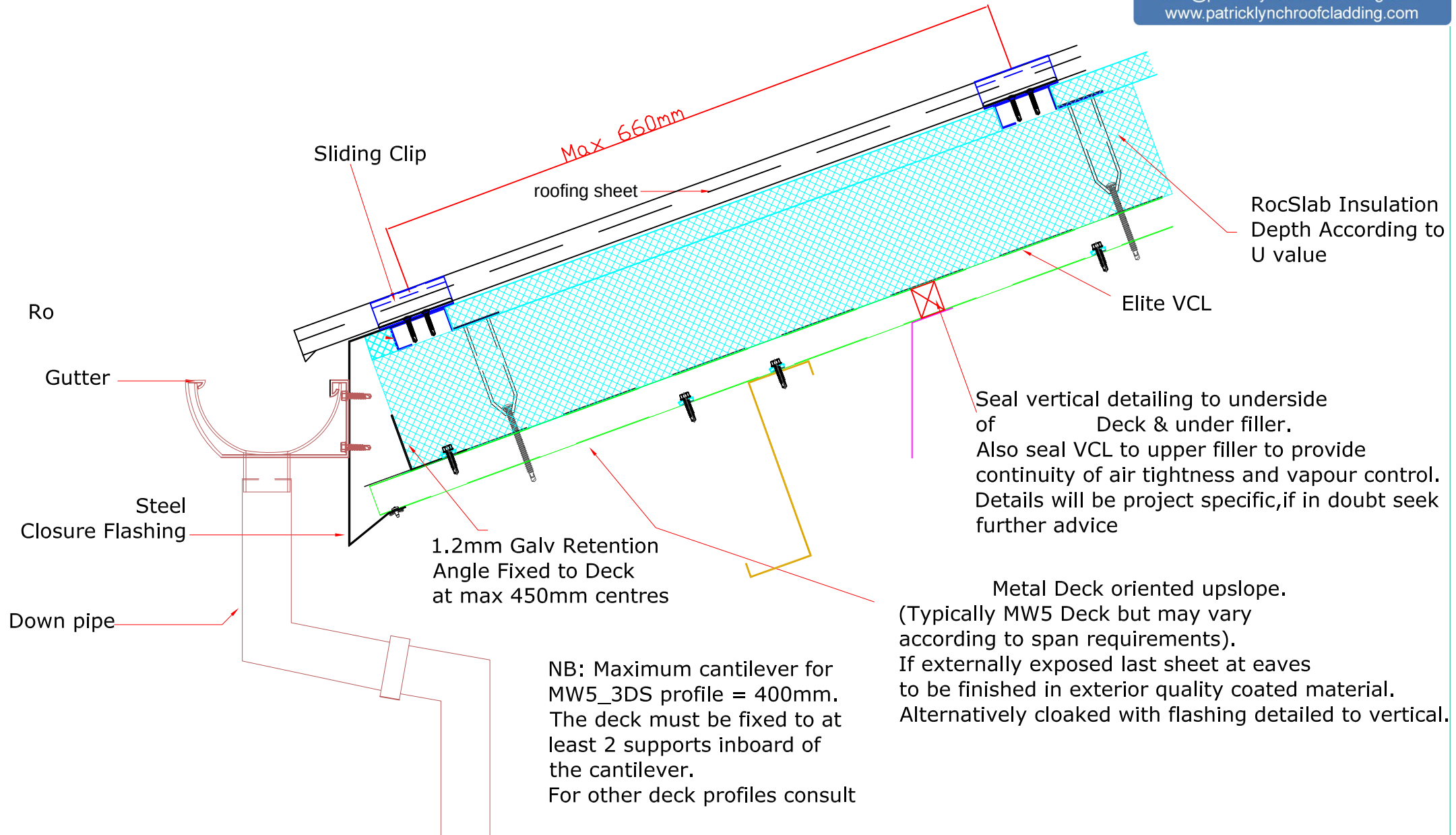
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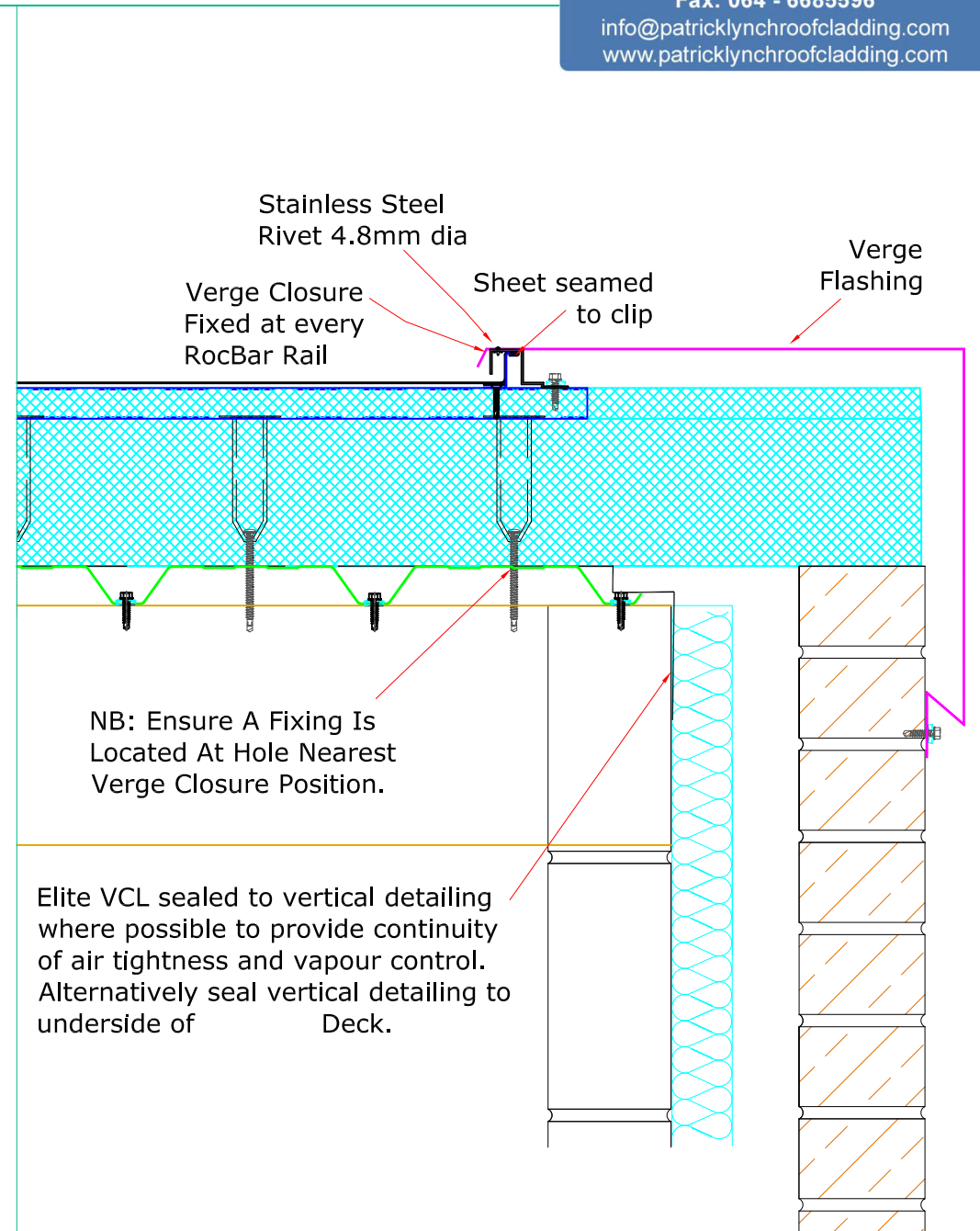
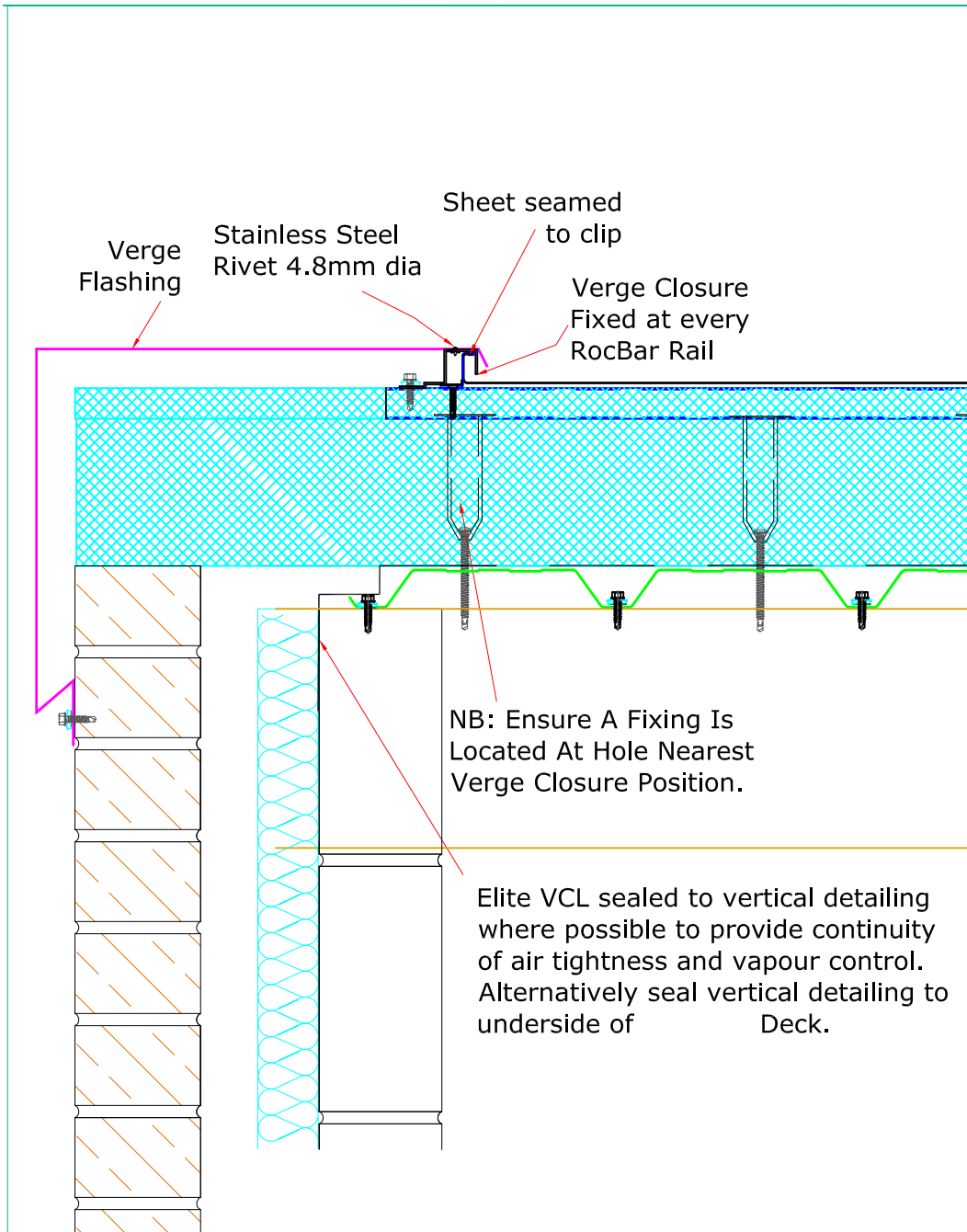
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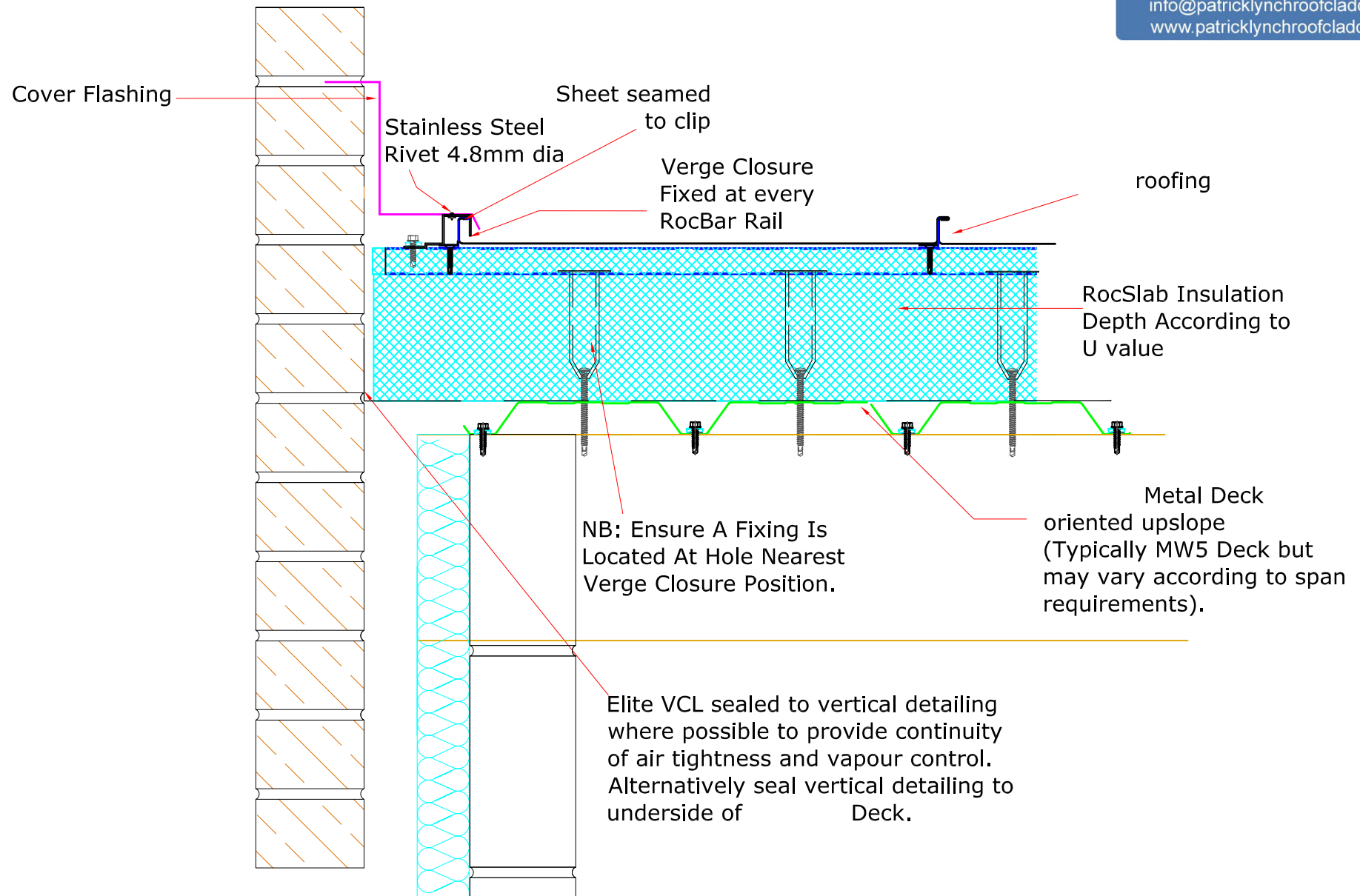
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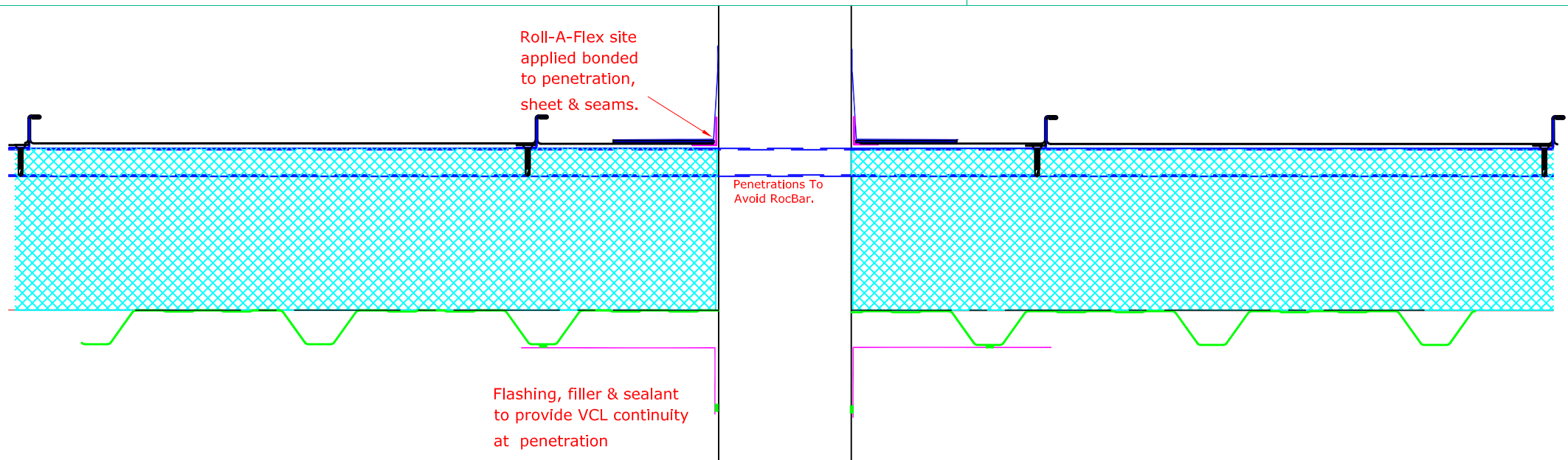
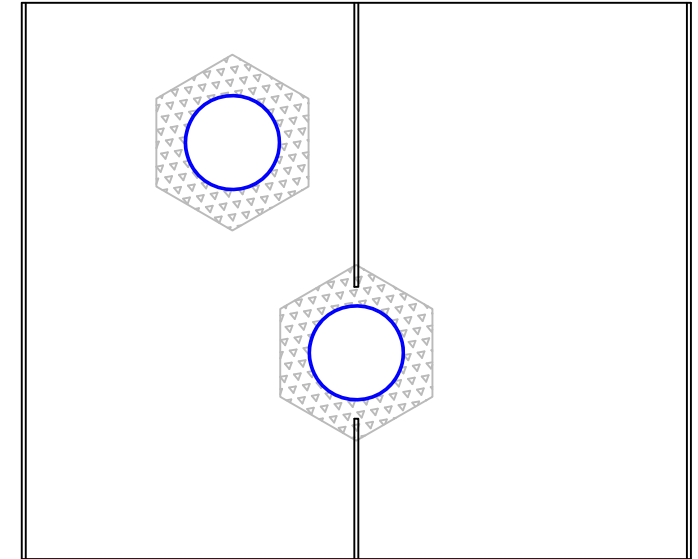
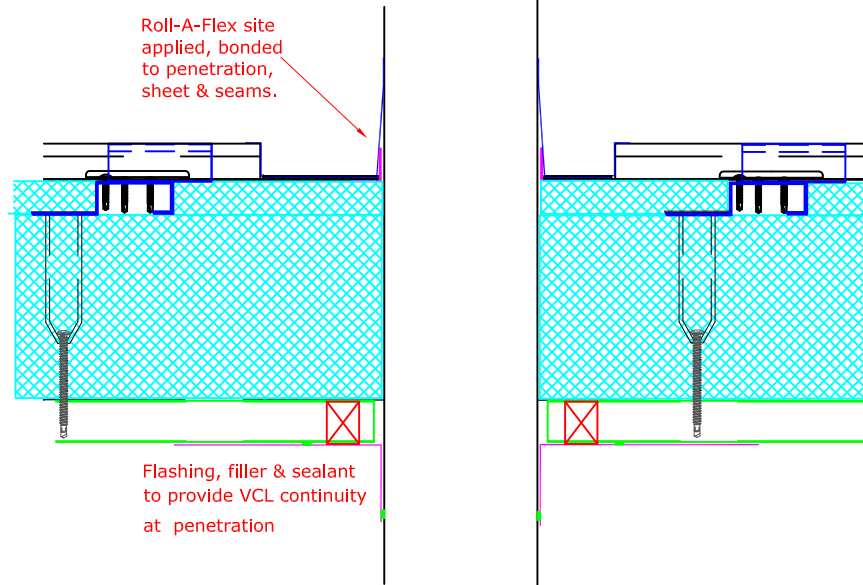


Seamlock Warm Roof (On Metal Deck Oriented Upslope)



Seamlock Warm Roof (On Metal Deck Oriented Upslope)

Create fixed points at clips immediately above & below detail across whole of affected elevation. Ensure Clips are at least 100mm away from detail. Allow free movement of sheets elsewhere.



Seamlock Warm Roof (On Metal Deck Oriented Upslope)

ONLY SUITABLE FOR PITCHES >5°

SEAMING OPTIONS AT END LAP

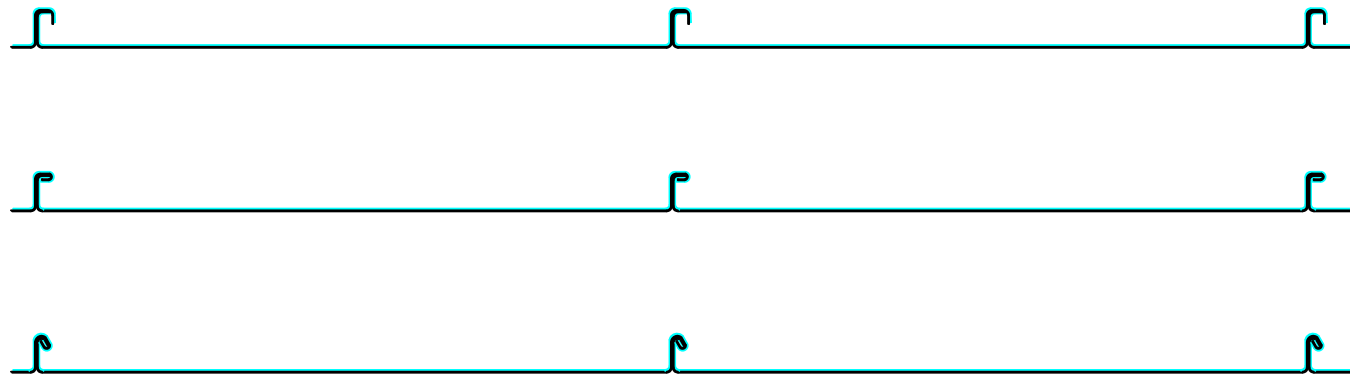
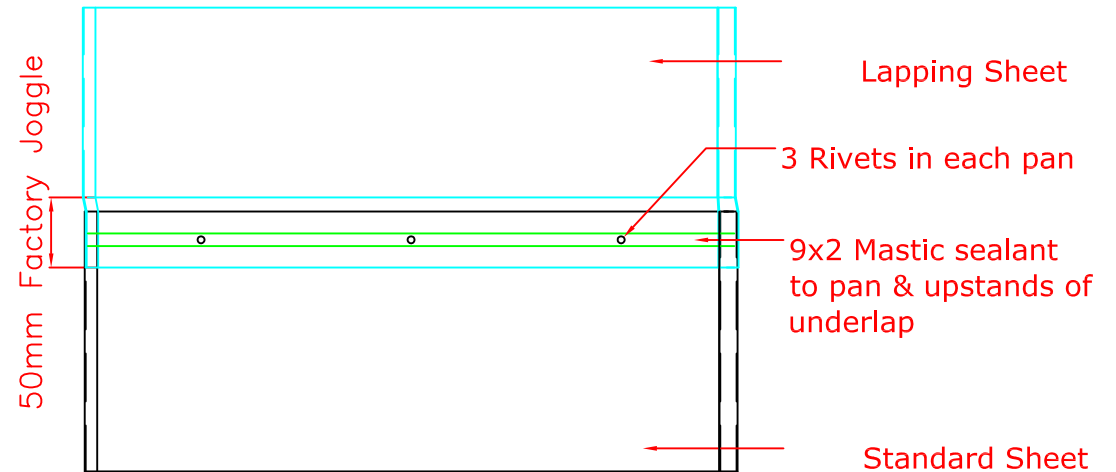
"Stage 1 Seam"(Steel Material Only)



"Stage 2 Seam"(Aluminium Material Only)



Create fixed points at clips immediately above & below detail across whole of affected elevation.
Ensure Clips are at least 100mm away from detail.
Allow free movement of sheets elsewhere.



Seamlock Vertical Wall Covering

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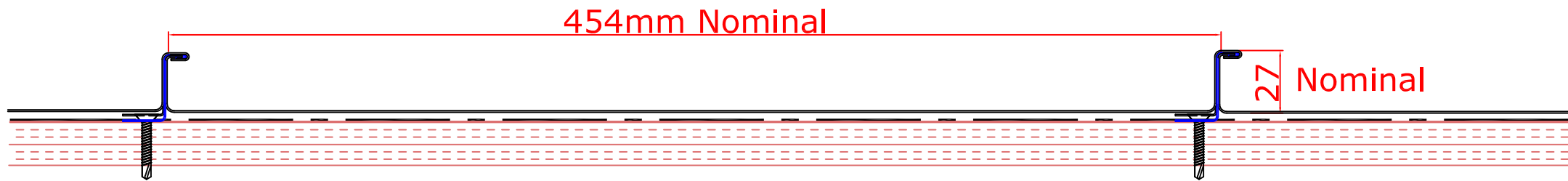
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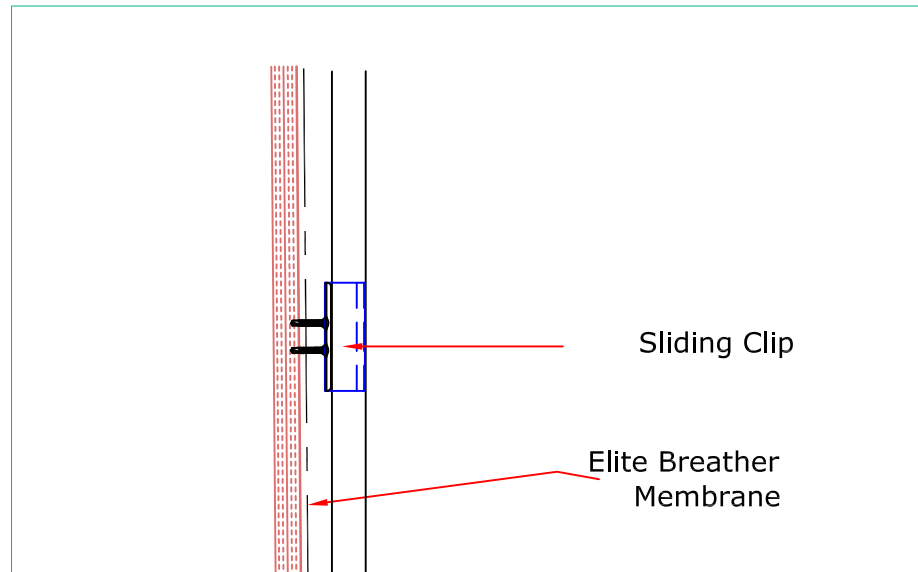
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Standard offer is 454mm profile.
Also available on request in other
widths from 225mm to 517mm.



Ply/Timber/OSB facing
by Others in accordance with
relevant standards.

Seamlock Vertical Wall Covering



Sheet Seaming Sequence

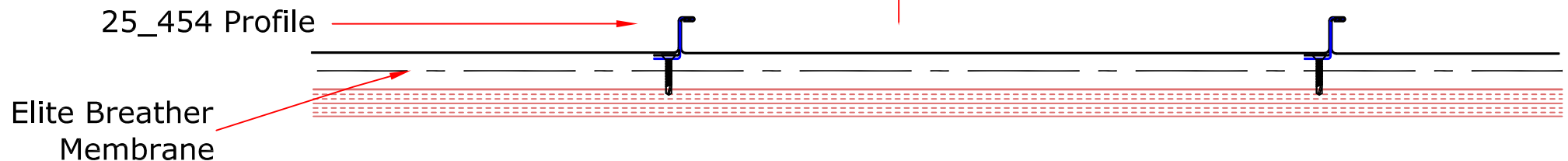
"Stage 1 Seam" (Steel Material Only)



"Stage 2 Seam" (Aluminium Material Only)



COLOUR SIDE



Ply/Timber/OSB facing
by Others in accordance with
relevant standards.

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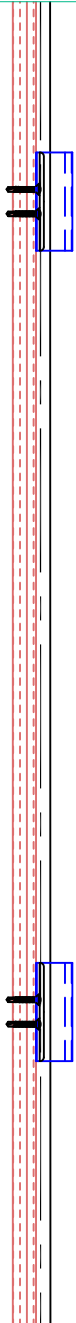
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**TYPICAL ARRANGEMENT: 1260mm IN CENTRAL AREAS,
REDUCE CLIP CENTRES AT CORNERS AND IN HIGH LOAD AREAS.**

**CHECK SYSTEM CAPACITY AGAINST PROJECT LOADS AND ADJUST
IF NECESSARY**

**CLIP TYPICAL CENTRES:
DETERMINED BY PROJECT WIND SUCTION LOADS AS FOLLOWS:**

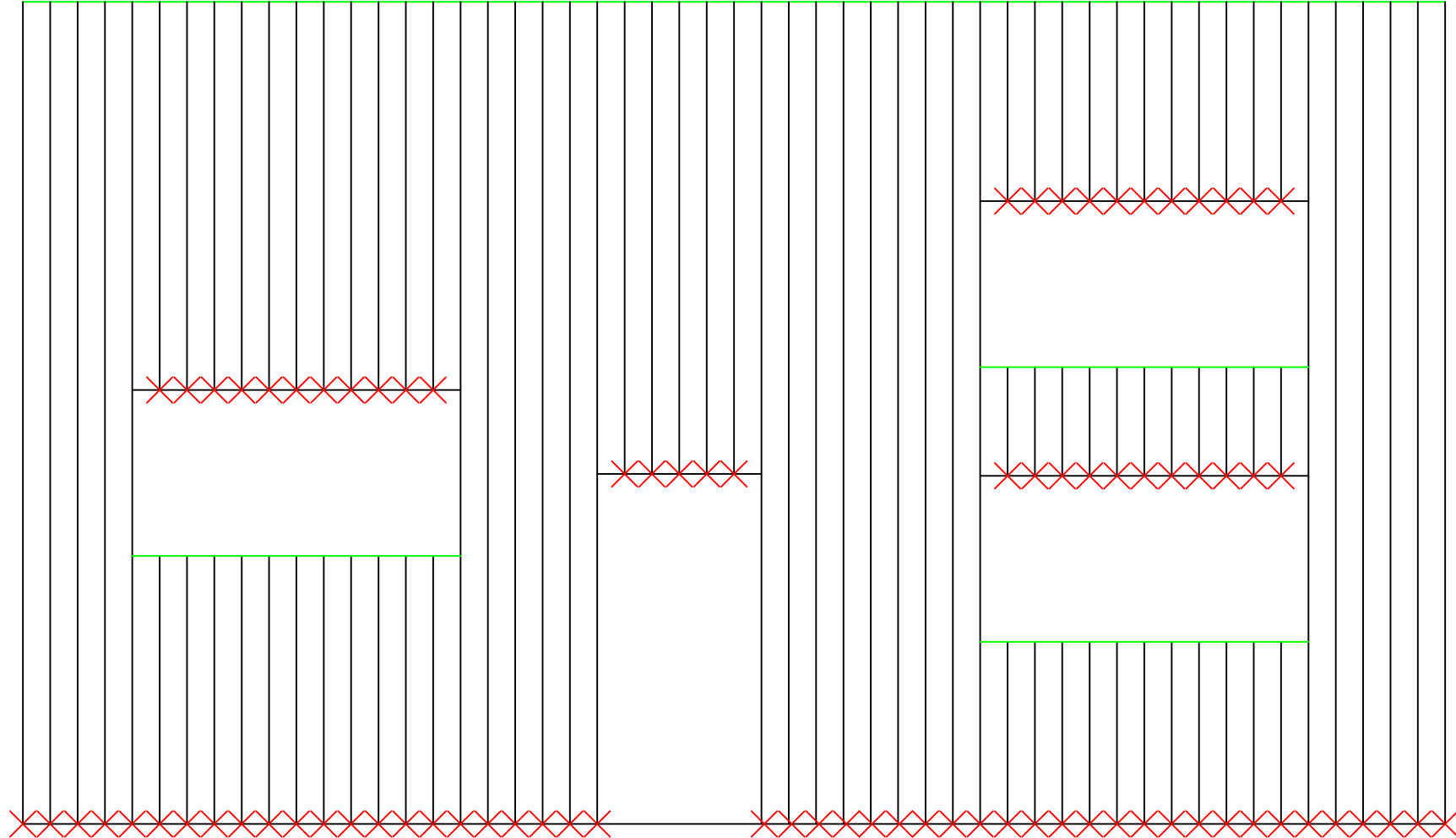
1260mm for loads up to 1.5kN/M²

660mm for loads 1.5 to 2.0kN/M²

300mm for loads 2 to 4kN/M²

Where substrate is Min 18mm ply or Min 15mm OSB 3

Seamlock Vertical Wall Covering



✕ Fixed Point

— Expansion allowance under flashing

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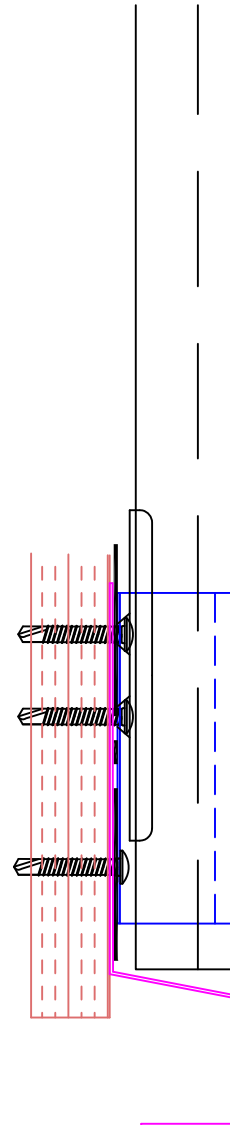
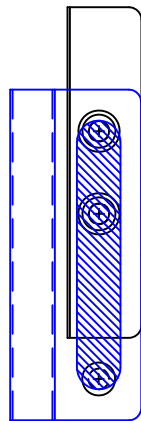
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**Create Fixed Point Using Clip with Additional Fixing,
Typically positioned over drip angle at sheet base.**

Assembled Front View



Drip Angle flashing

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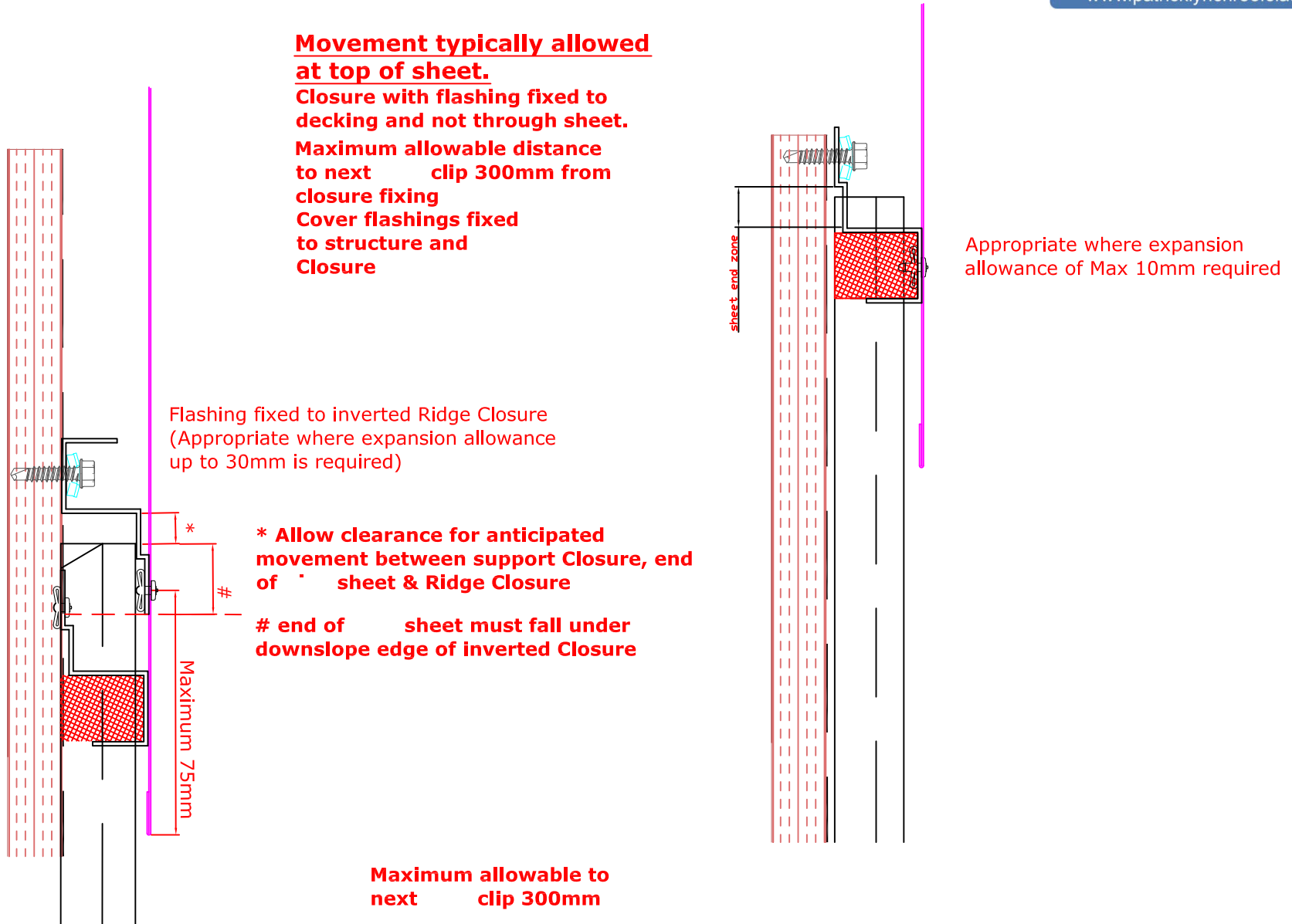
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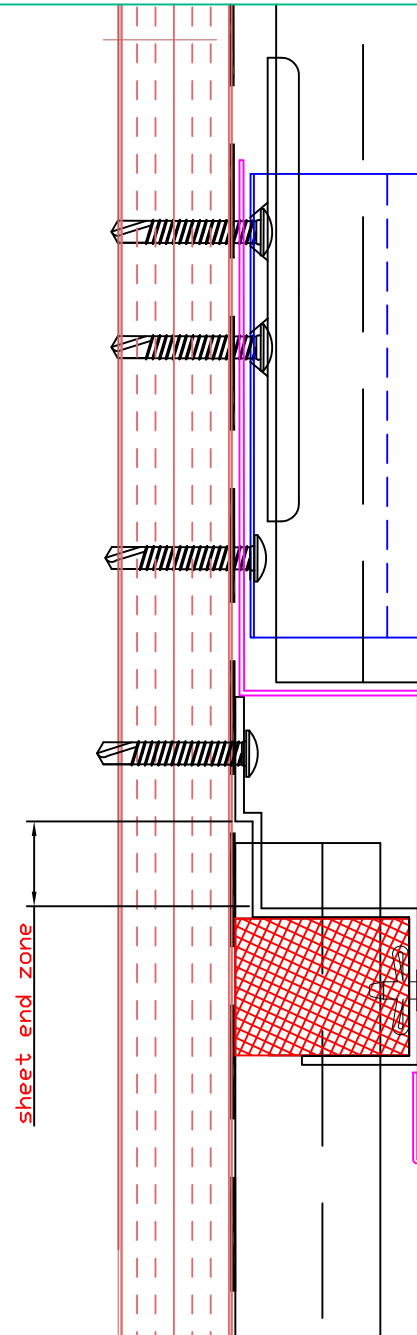
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Fixed Point

Drip Angle flashing

Appropriate where expansion
allowance of Max 10mm required.

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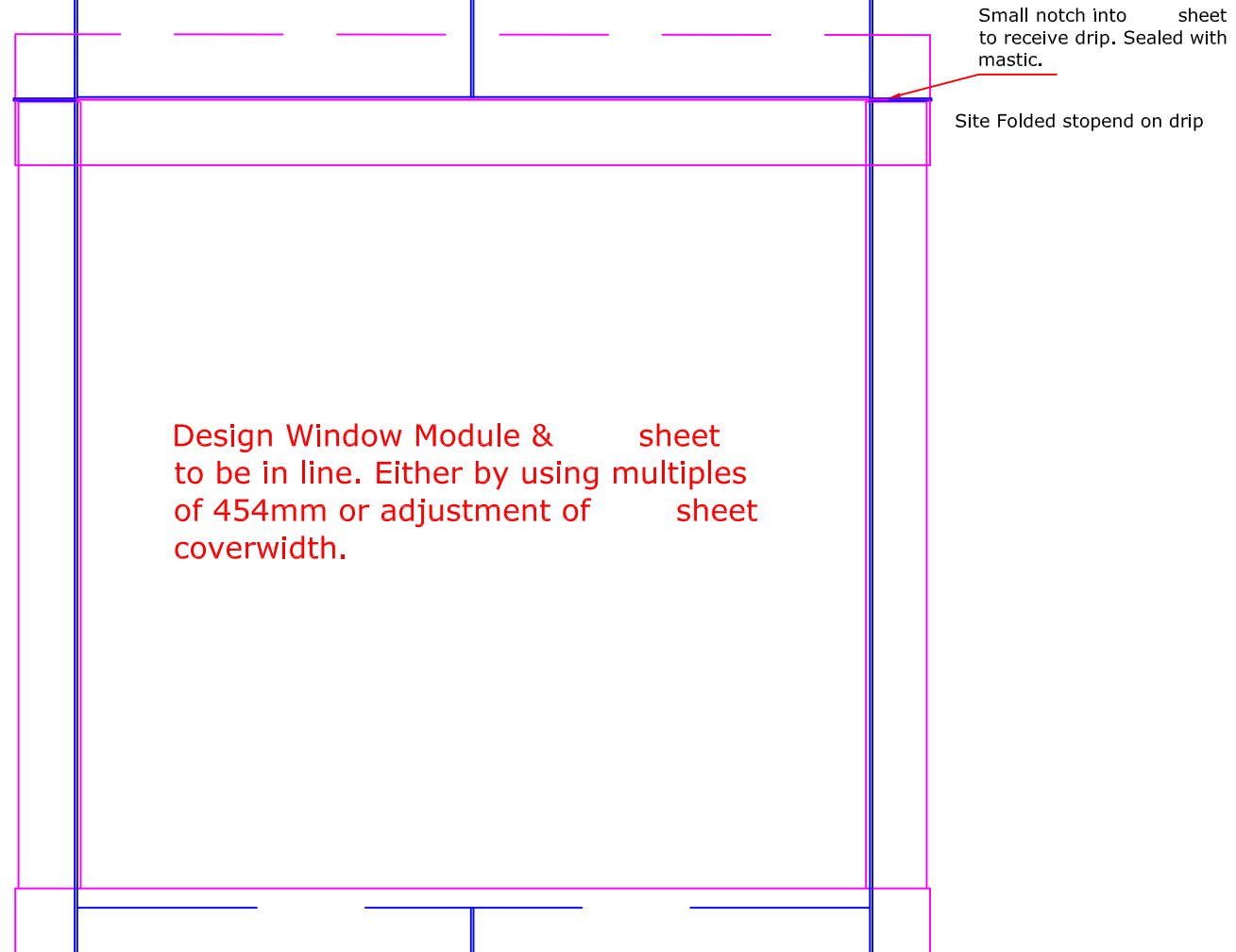
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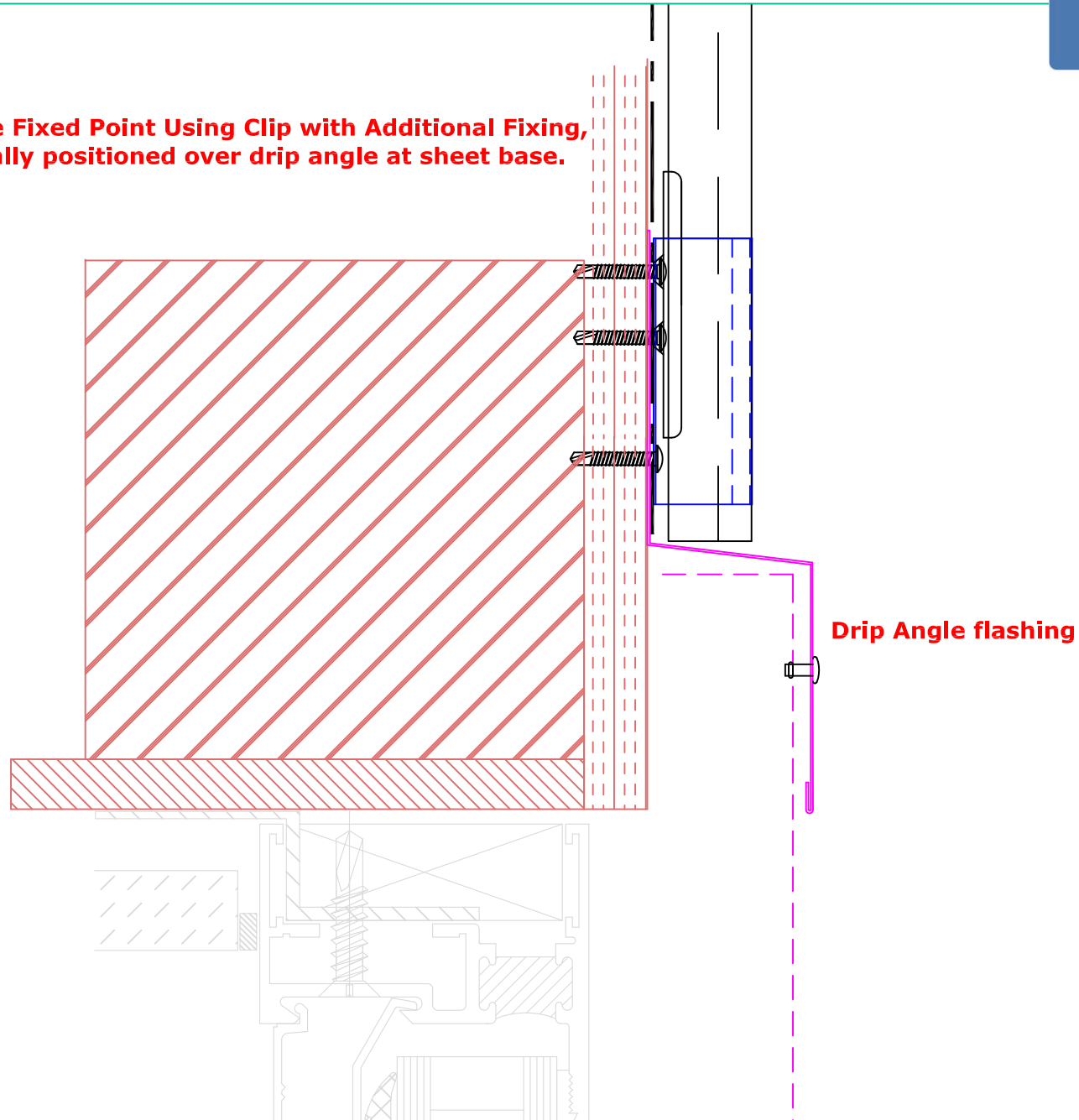
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**Create Fixed Point Using Clip with Additional Fixing,
Typically positioned over drip angle at sheet base.**



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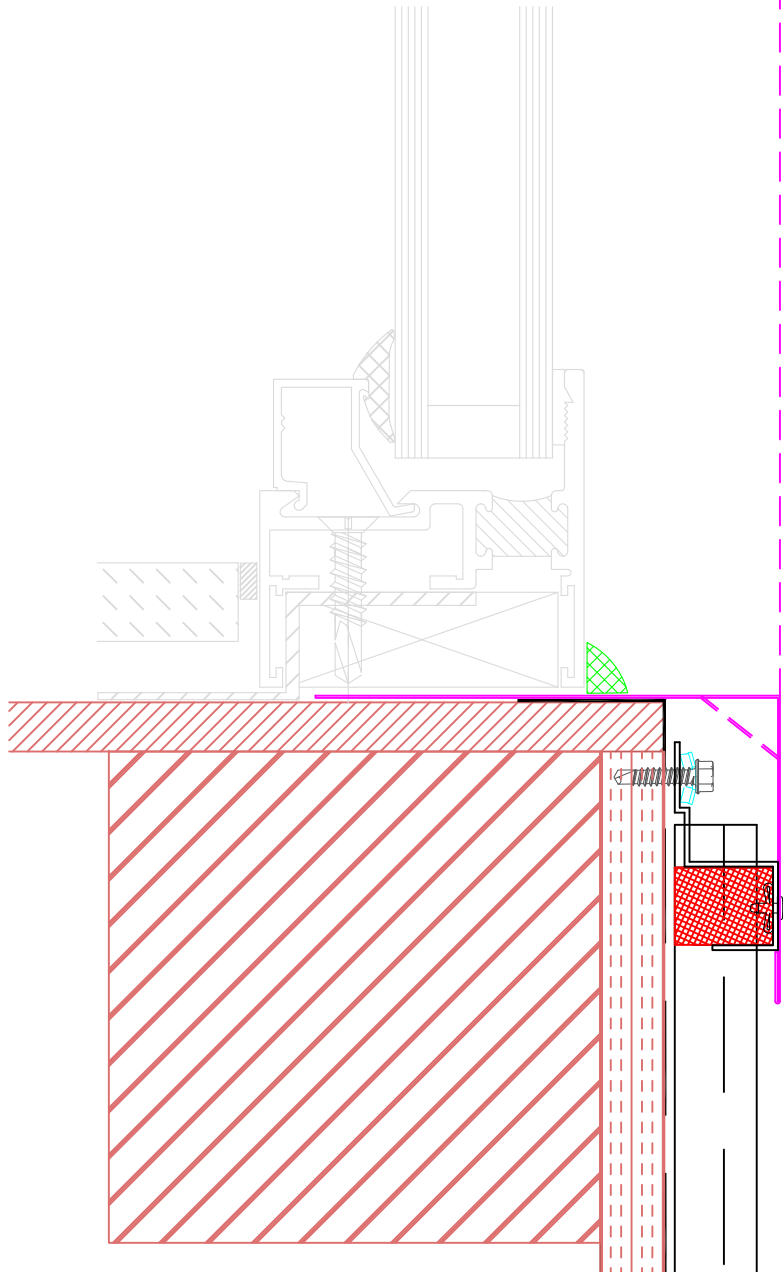
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Cill flashing (with optional fall).
Edge cut on site and turned up
behind Jamb flashing.
Site folded stopend also formed
by cut and fold back.

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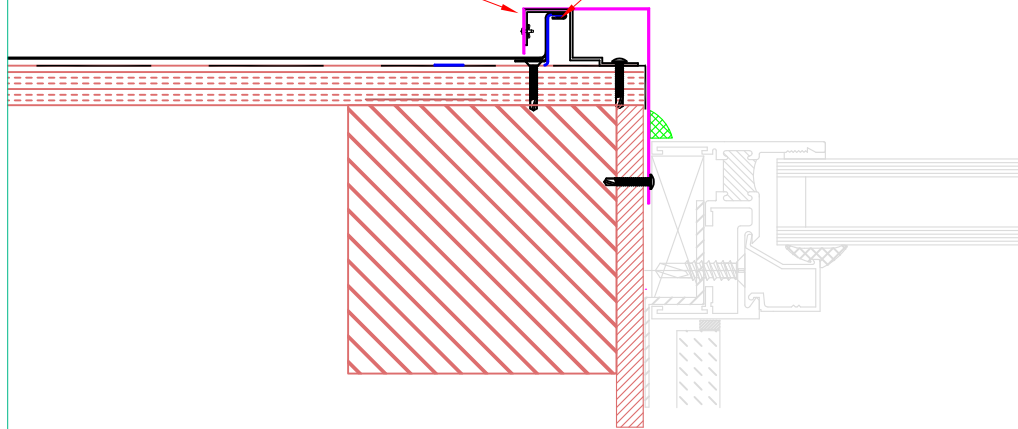
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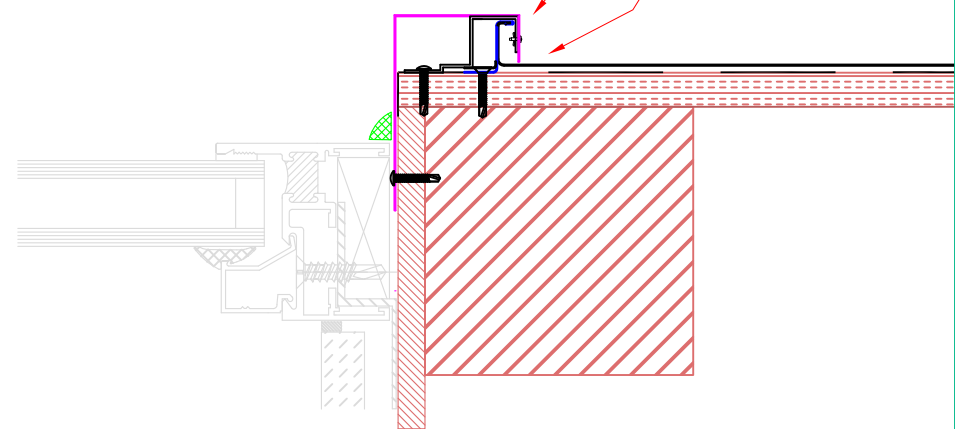
Verge Closure

Sheet seamed
to clip



Sheet seamed
to clip

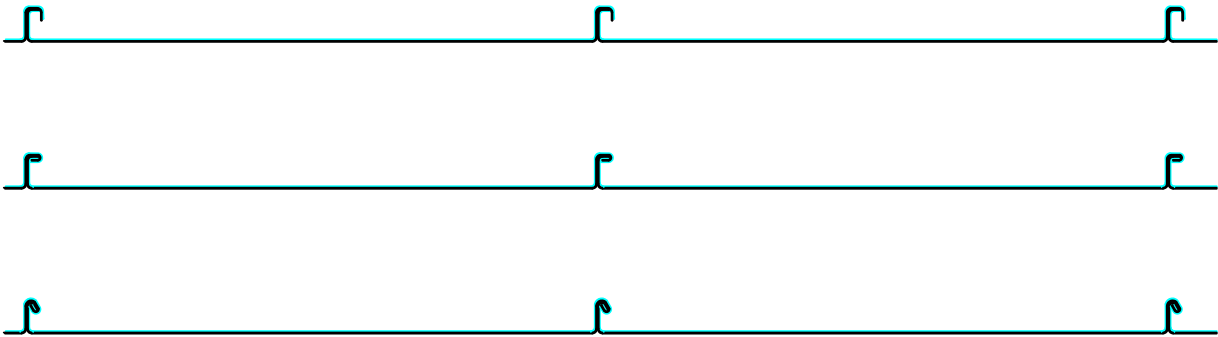
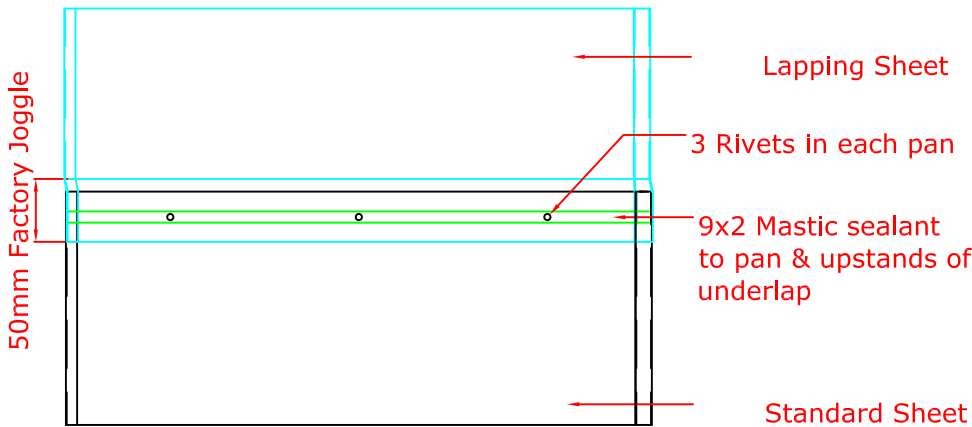
Verge Closure



Seamlock Vertical Wall Covering

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Create fixed points at clips immediately above & below detail across whole of affected elevation.
Ensure Clips are at least 100mm away from detail.
Allow free movement of sheets elsewhere.



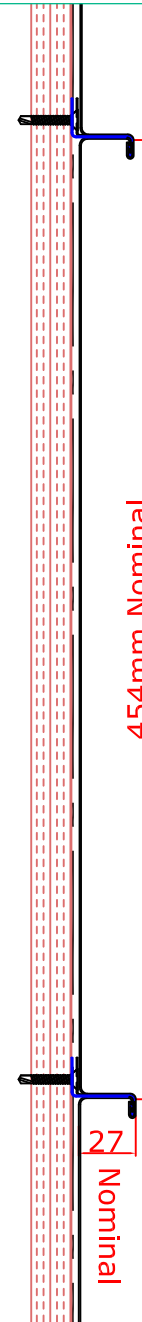
SEAMING OPTIONS AT END LAP	
"Stage 1 Seam"(Steel Material Only)	
"Stage 2 Seam"(Aluminium Material Only)	

Seamlock Horizontal Wall Covering (On Ply or OSB)

Standard offer is 454mm profile.

Also available on request in other widths from 225mm to 517mm.

Ply/Timber/OSB facing
by Others in accordance
with relevent standards.



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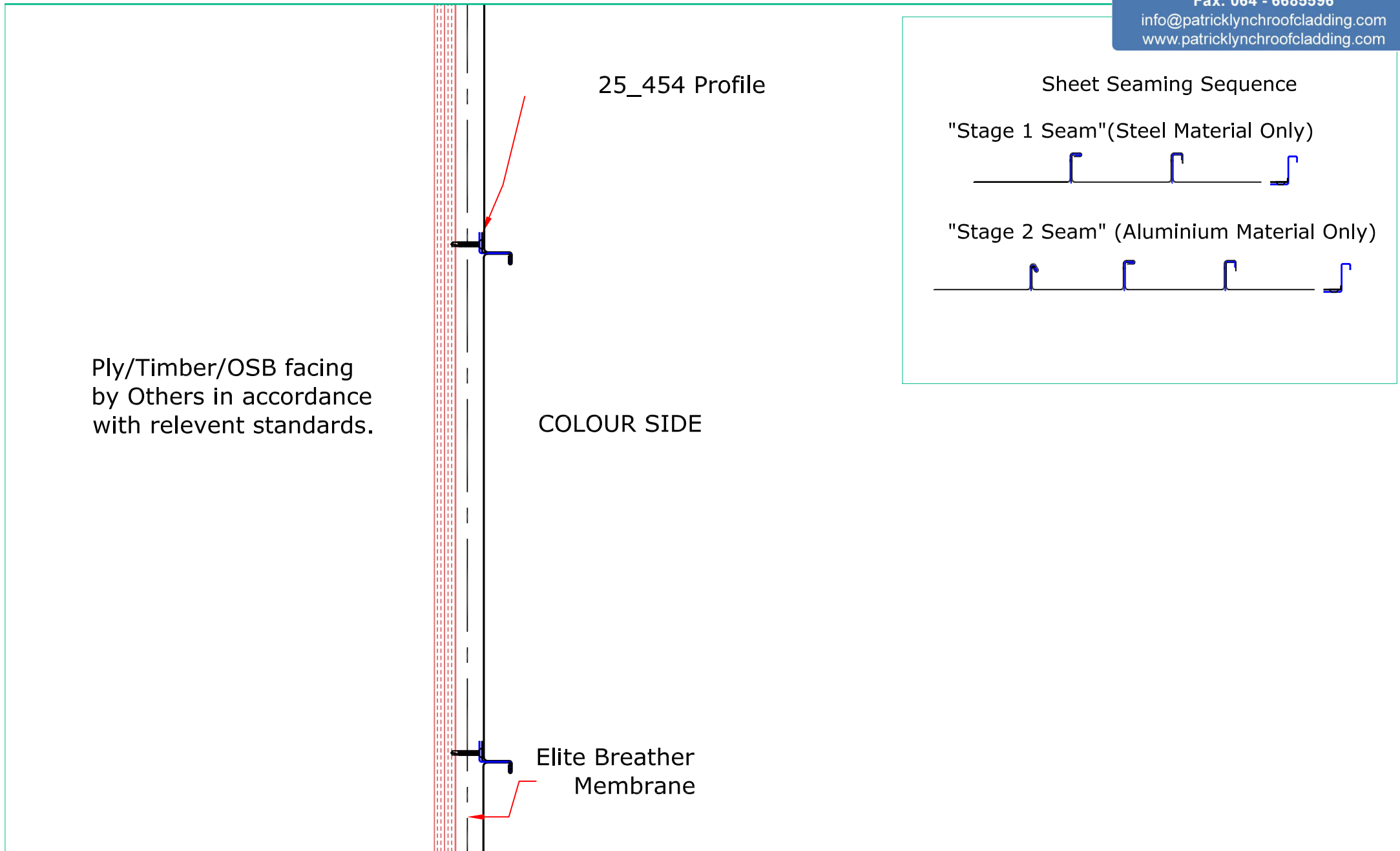
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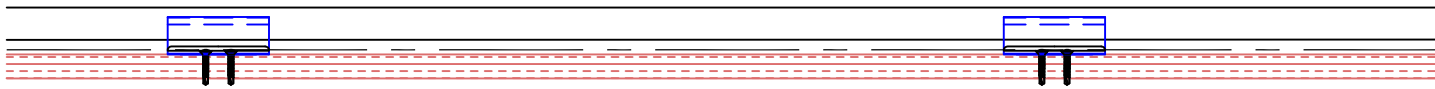
Seamlock Horizontal Wall Covering (On Ply or OSB)



Seamlock Horizontal Wall Covering (On Ply or OSB)

**TYPICAL ARRANGEMENT: 1260mm IN CENTRAL AREAS,
REDUCE CLIP CENTRES AT CORNERS AND IN HIGH LOAD AREAS.**

CHECK SYSTEM CAPACITY AGAINST PROJECT LOADS AND ADJUST IF NECESSARY



**CLIP TYPICAL CENTRES:
DETERMINED BY PROJECT WIND SUCTION LOADS AS FOLLOWS:**

1260mm for loads up to 1.5kN/M²

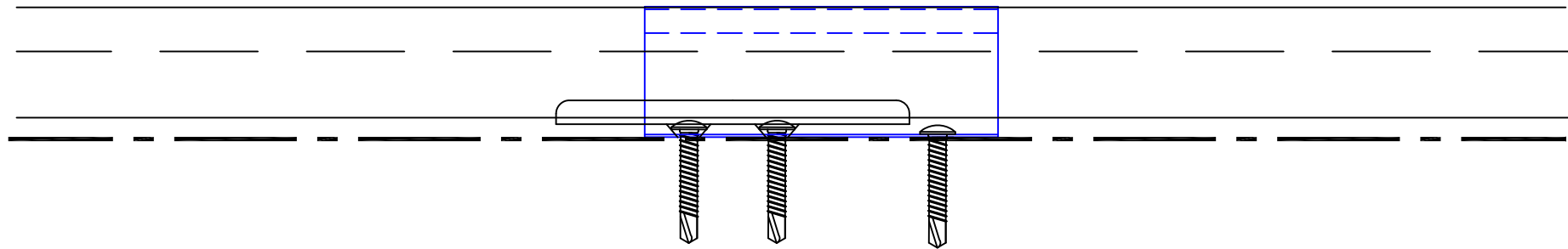
660mm for loads 1.5 to 2.0kN/M²

300mm for loads 2 to 4kN/M²

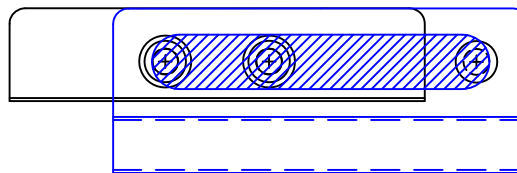
Where substrate is Min 18mm ply or Min 15mm OSB 3

Seamlock Horizontal Wall Covering (On Ply or OSB)

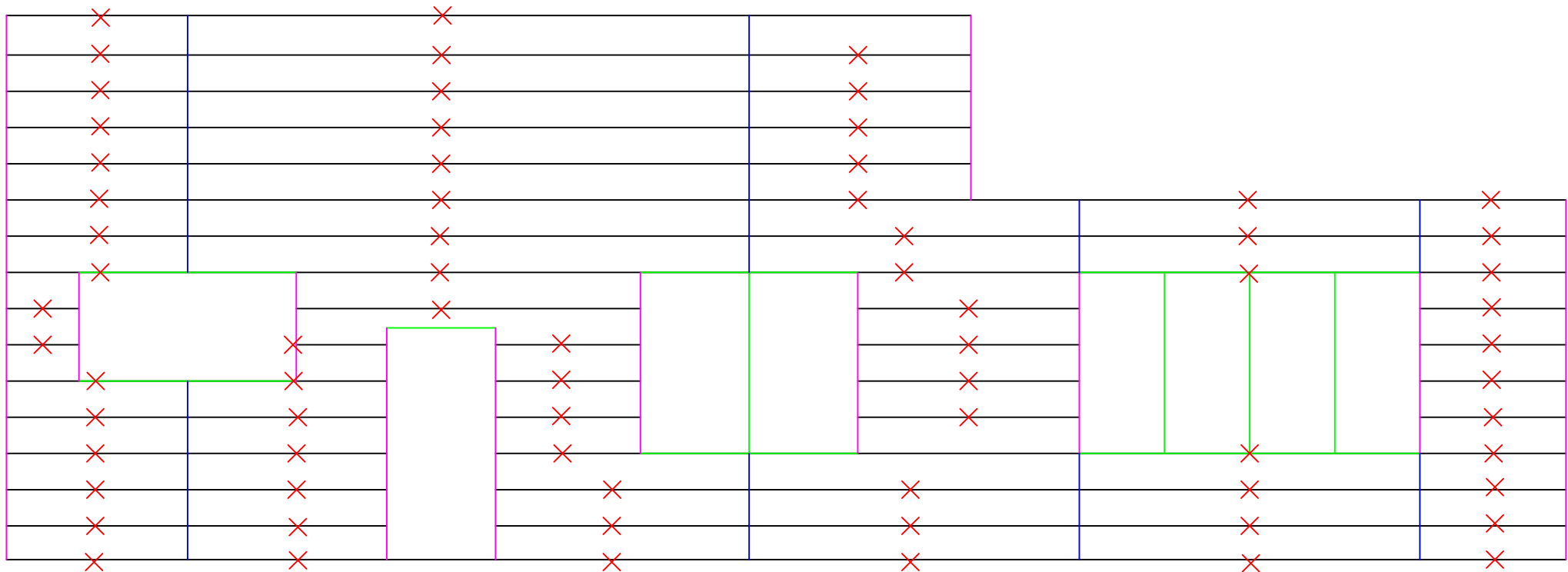
**Create fixed point using clip with additional fixing.
Max sheet length recommended 20M.
To divide expansion clearance required create fixed point in
middle of sheet.**



Assembled Front View



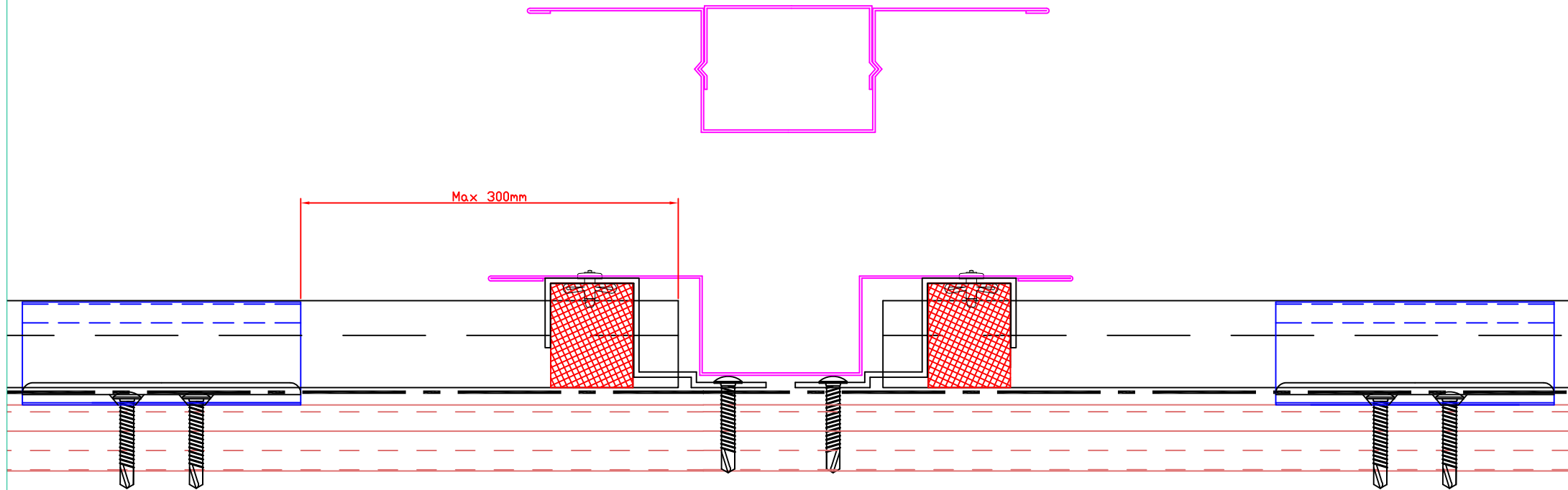
Seamlock Horizontal Wall Covering (On Ply or OSB)



- ✕ Fixed Point
- Expansion allowance under flashing
- Tophat flashing vertical joint

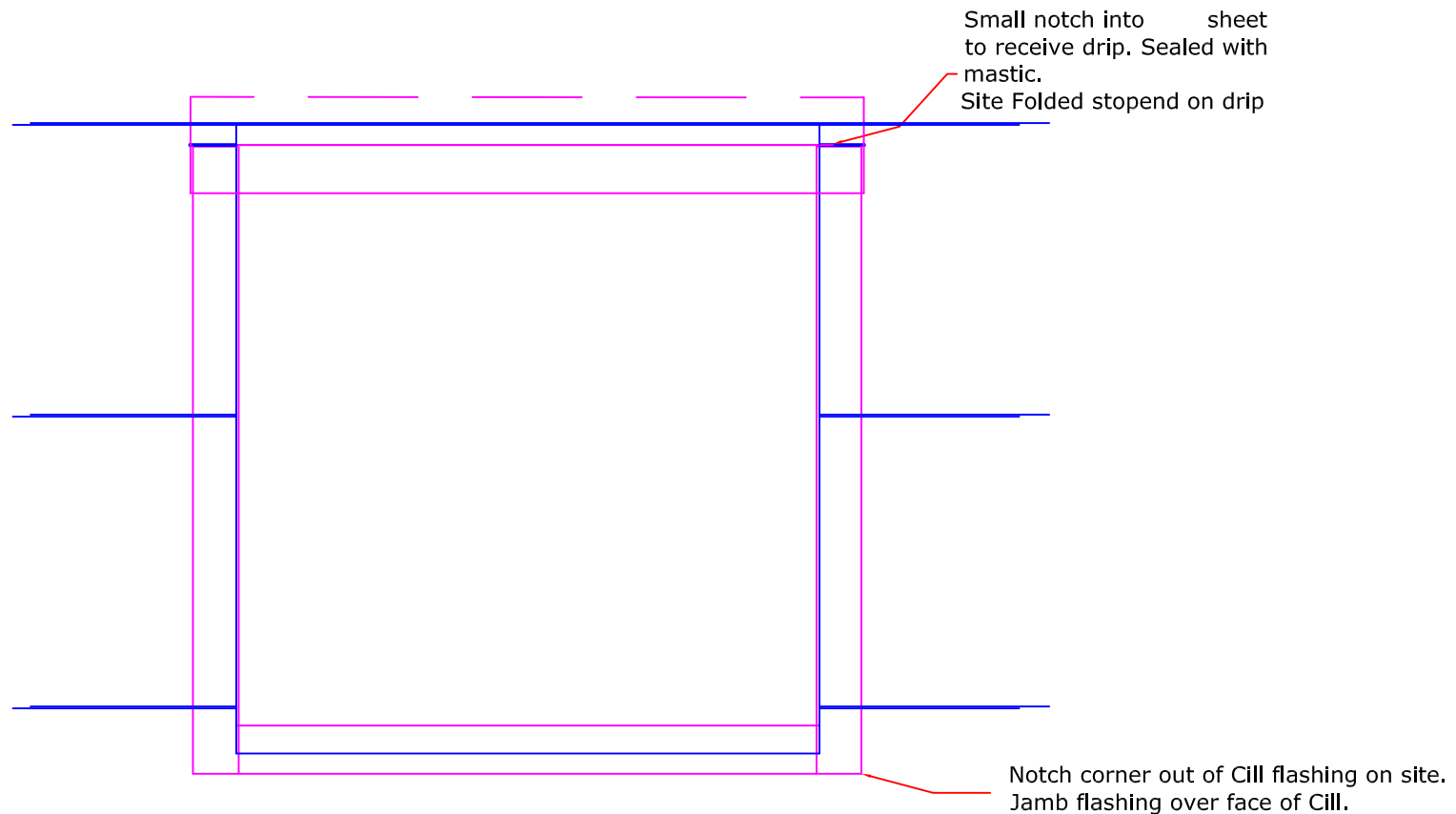
Seamlock Horizontal Wall Covering (On Ply or OSB)

Alternative Insert for inverted Tophat



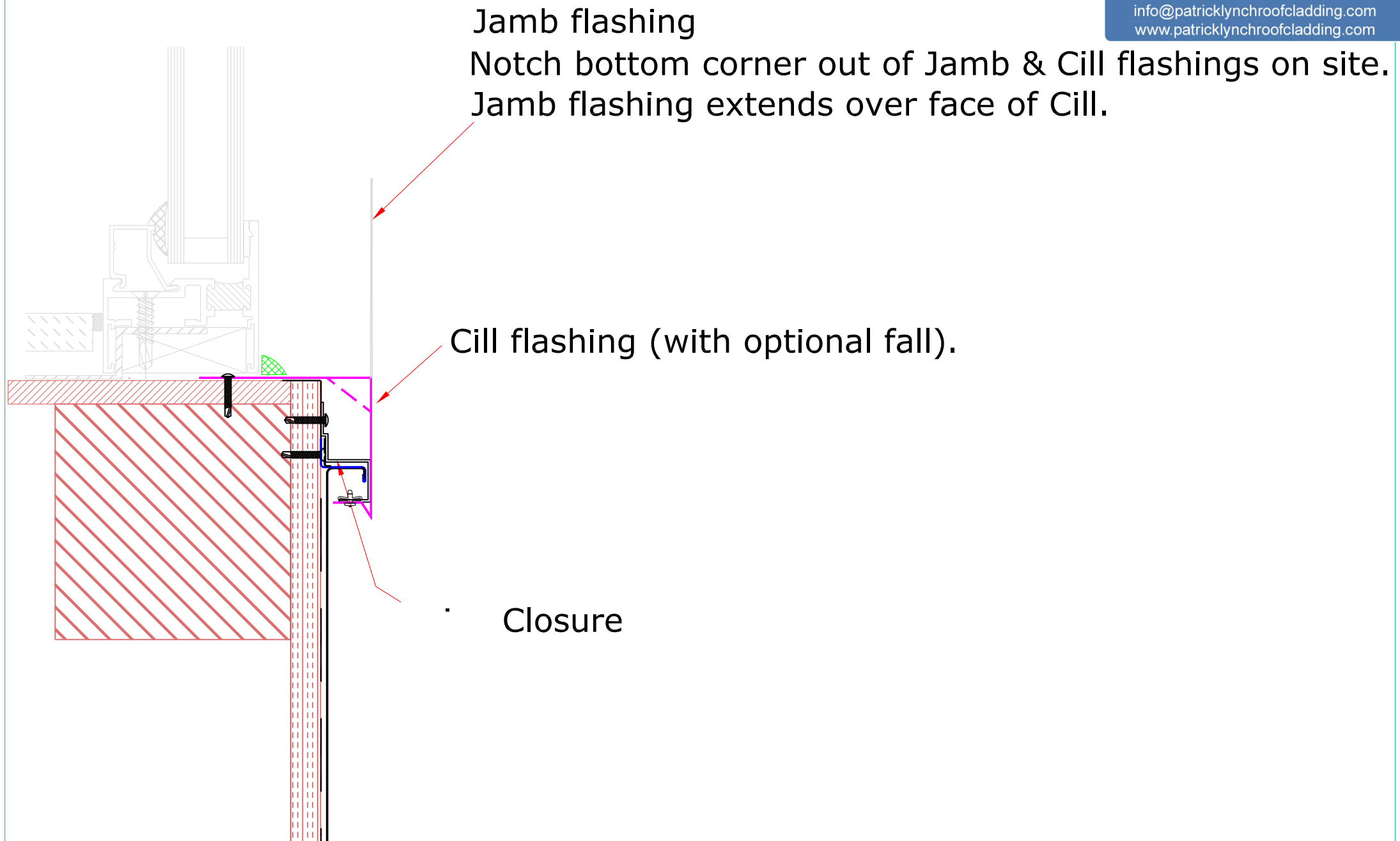
Use alternative flashing fixed to inverted
Closure Detail where expansion allowance
>10mm is required)

Seamlock Horizontal Wall Covering (On Ply or OSB)

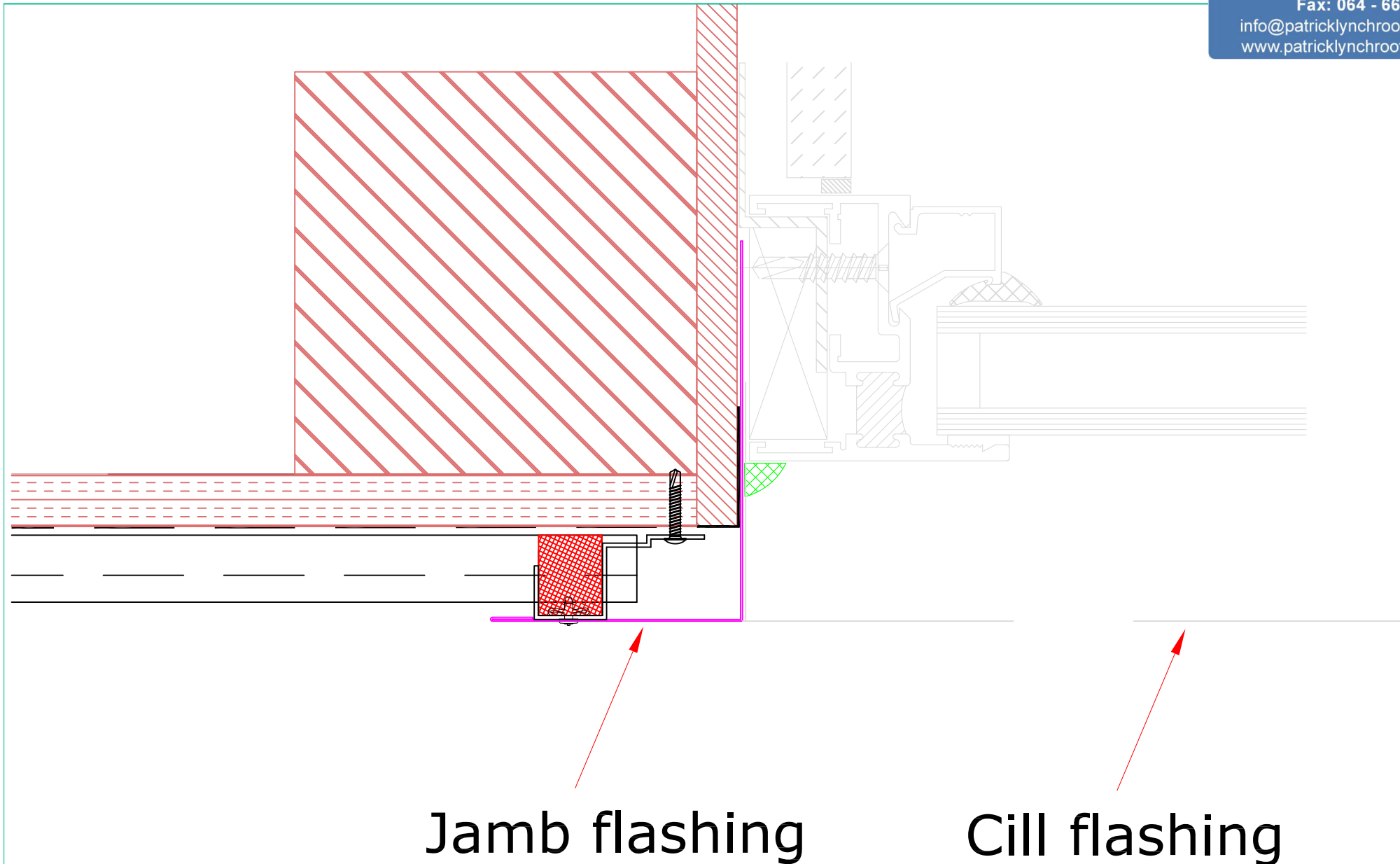


Drip Flashing over Jambs.
Site folded stopend formed
by cut and fold back.

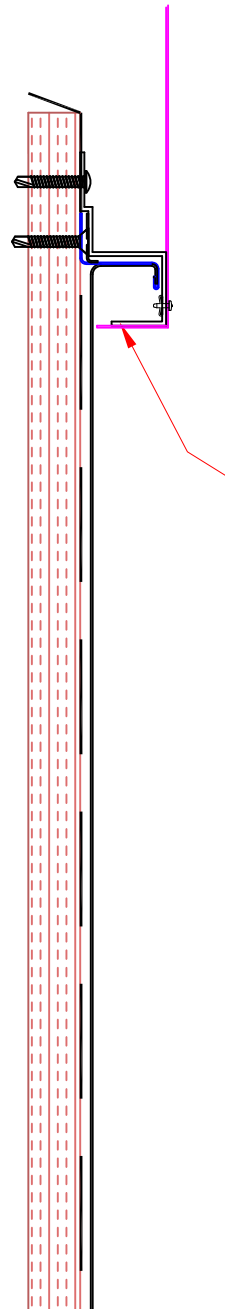
Seamlock Horizontal Wall Covering (On Ply or OSB)



Seamlock Horizontal Wall Covering (On Ply or OSB)



Seamlock Horizontal Wall Covering (On Ply or OSB)



Flashing as drip under roof
or dressed over as verge.

Closure

At gable ends it is normally necessary to use rake cut sheets with bespoke length fillers and closure sections. In some cases it may be possible to detail tapered sheets or flashings.

Seamlock 28_454 Profile

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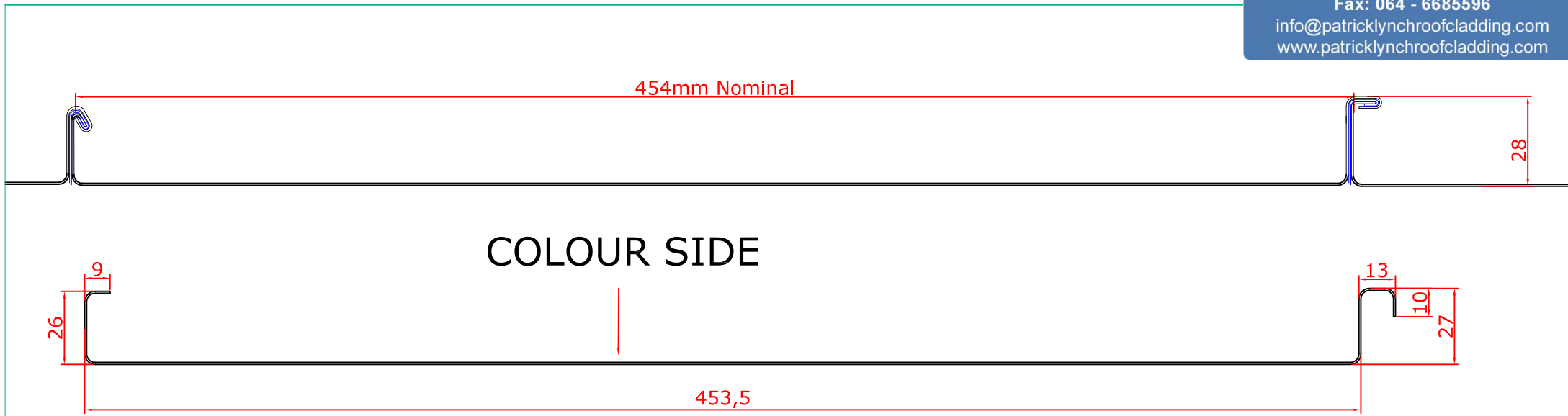
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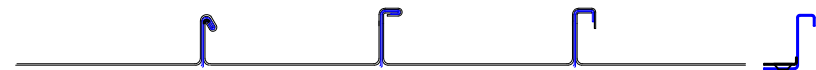
Material:
0.9mm Aluminium
0.7mm Steel

Other sheet widths only available through consultation

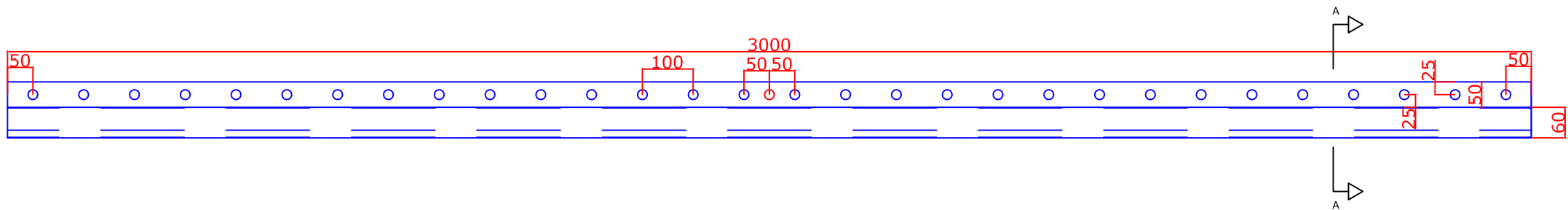
"Stage 1 Seam"(Steel Material Only)



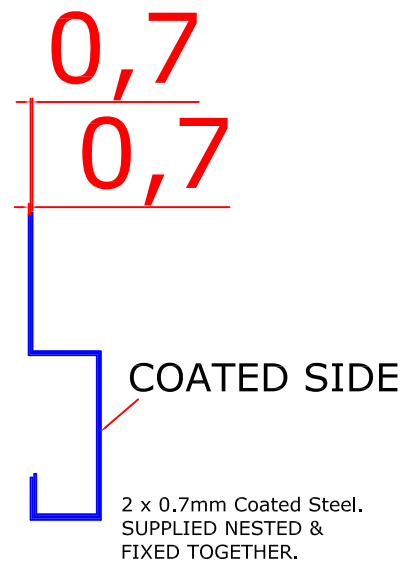
"Stage 2 Seam" (Aluminium Material Only)



Seamlock Rocbar



Section A-A

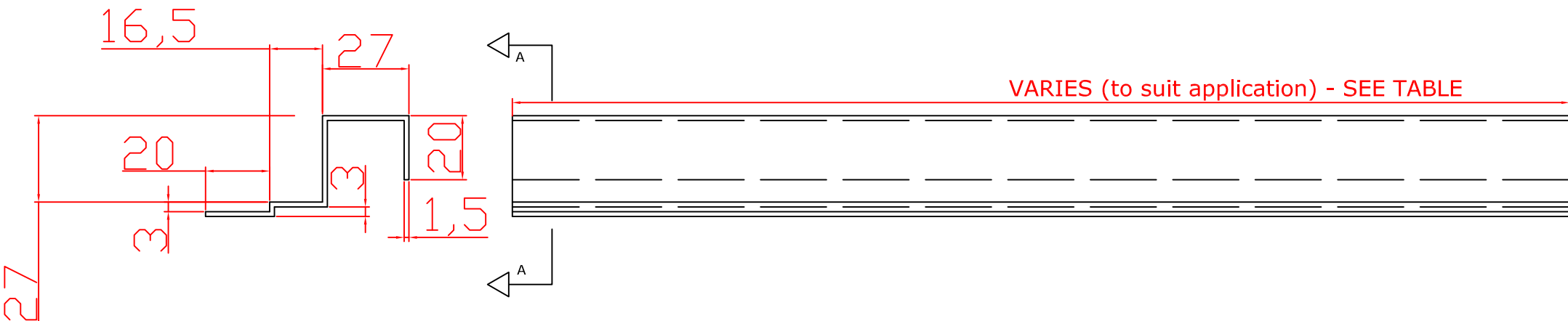


Seamlock Closure

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Material: Aluminium
Length: 439mm, 325mm or 3M Part Refs: VC 454,
VC 340, VC3
(Other lengths available through consultation)

Section A-A

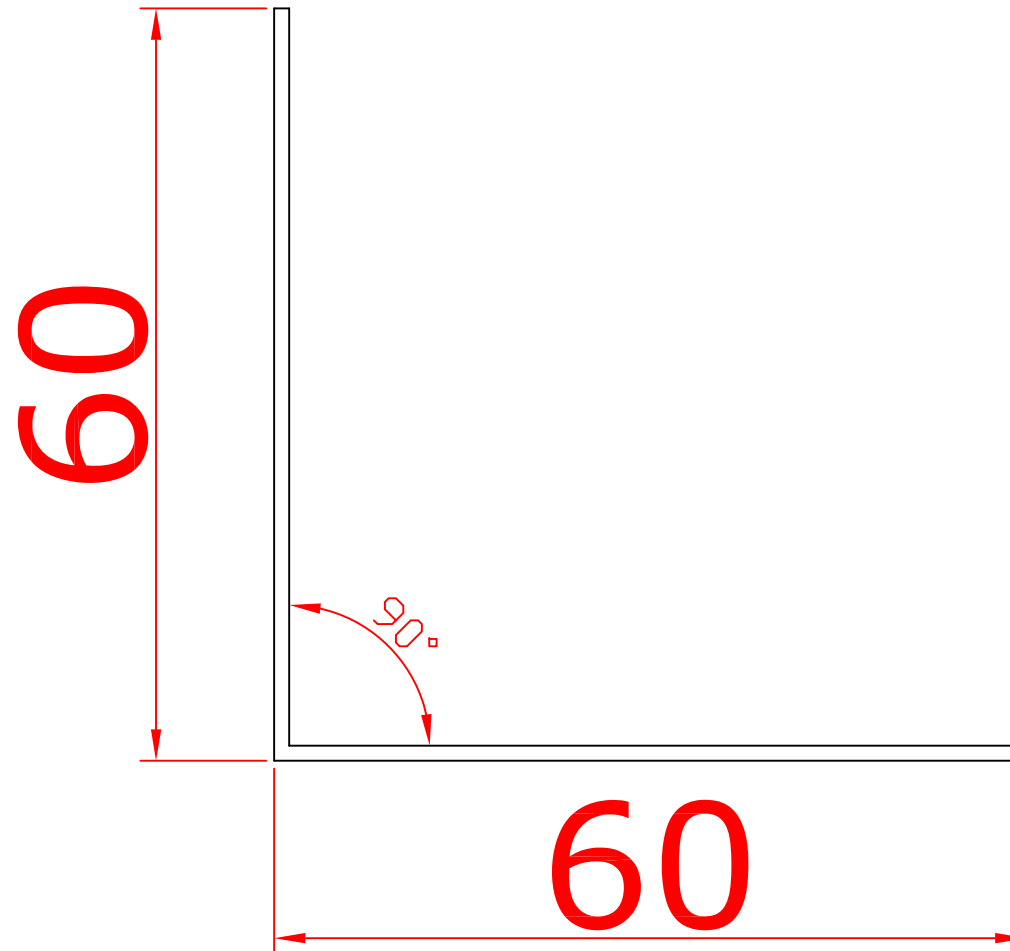


Application	Length
Filler Closure for Vieo 454mm	0.439M
Filler Closure for Vieo 340mm	0.325M
Verge or Raked Filler Closure Blank*	3.000M

* Also for sheet widths other than 454mm or 340mm

Seamlock Retention Angle

Material: 1.2mm Galvanised Steel
Length: 3.000M
Part Ref: -RA3



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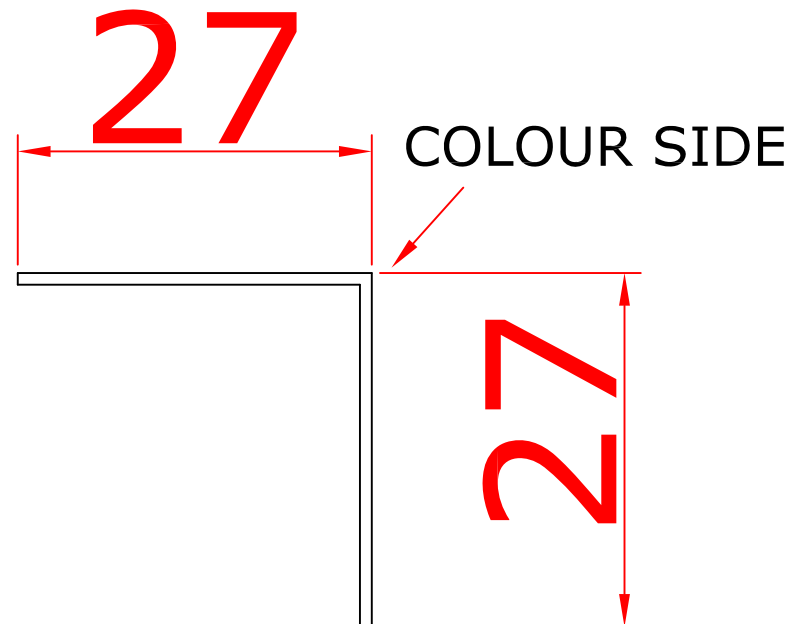
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Seamlock Closure Cover (to match colour)

Coloured Closure Cover To Match

Sheet Material If Req'd.



Material: 0.7mm Coated Steel or 0.9mm Coated Aluminium

Length: 3.000M

Part Ref: -CC3

Seamlock Profile Fillers

Material: EPDM, Metallocene or "Supaseal"
Supplied with mastic to base

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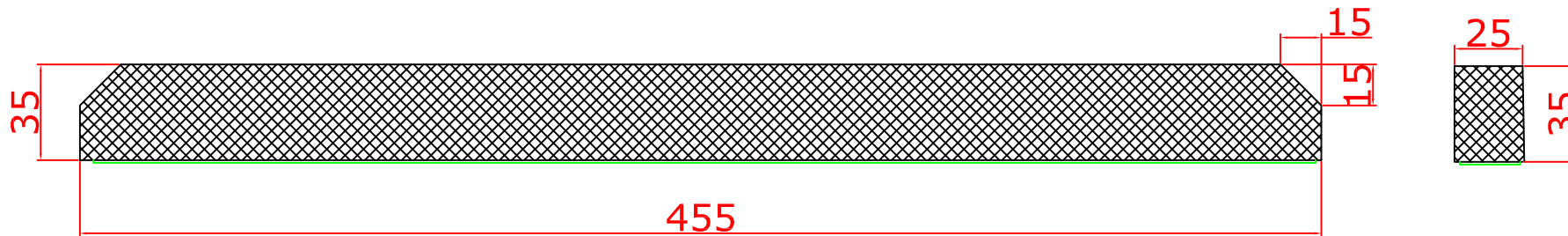
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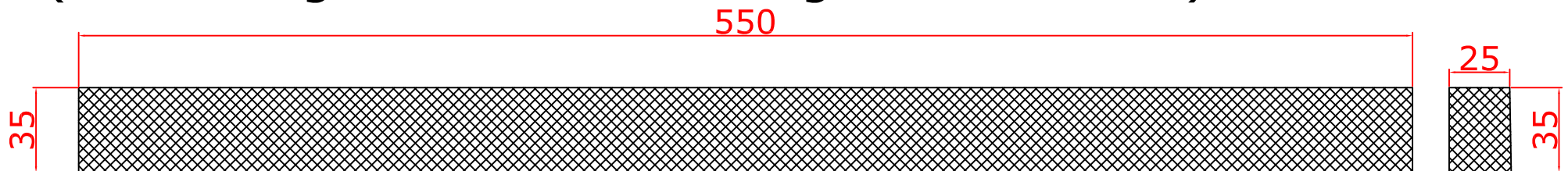
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Standard Profile Filler for 454mm



Profile Filler Blank for Rakes & sheet widths other than 454mm
(Other lengths available through consultation)



Seamlock Sliding Clip

Material: Stainless Steel
Part Ref: Sliding Clip
2 Fixings per Clip (supplied separately)

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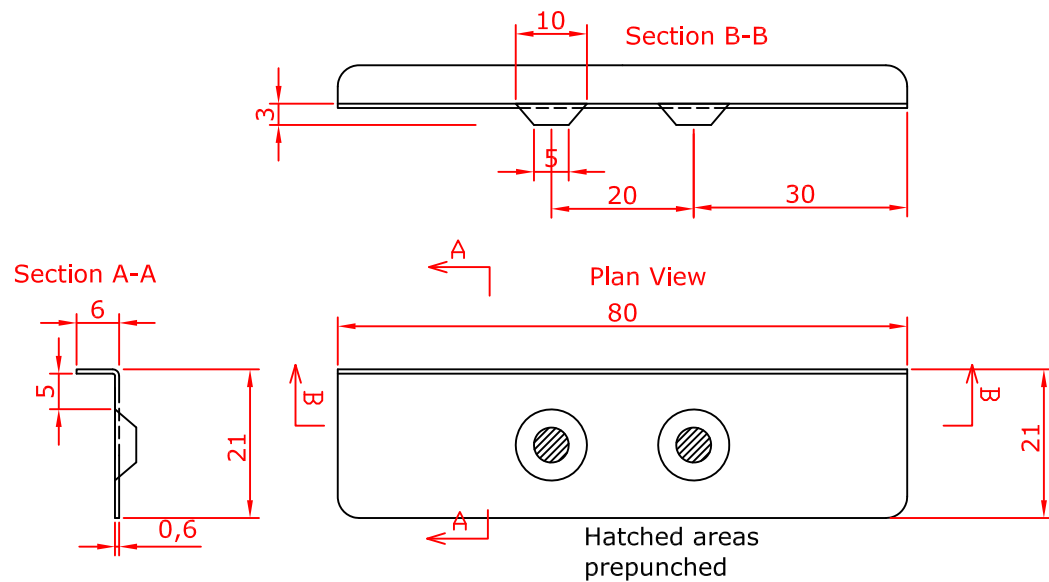
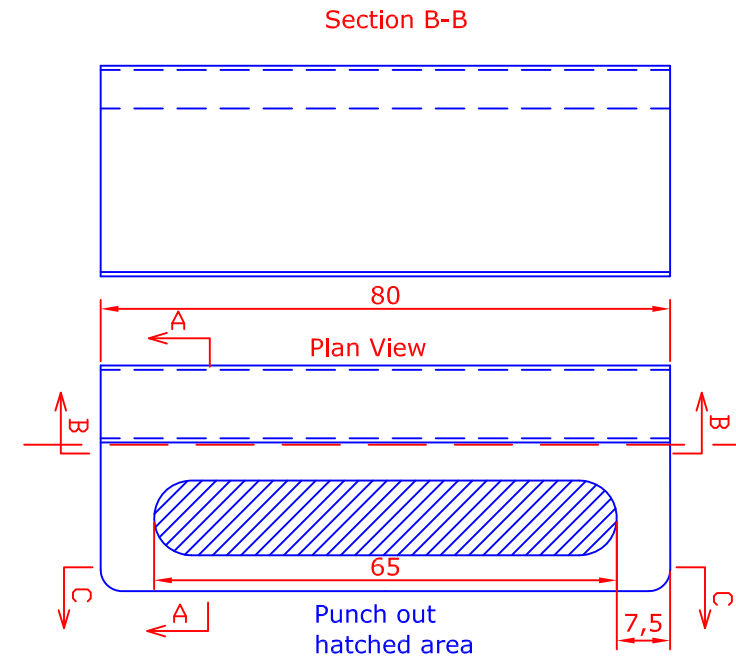
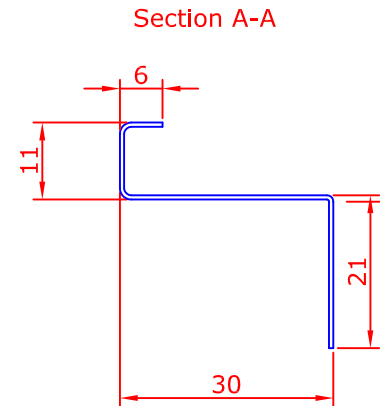
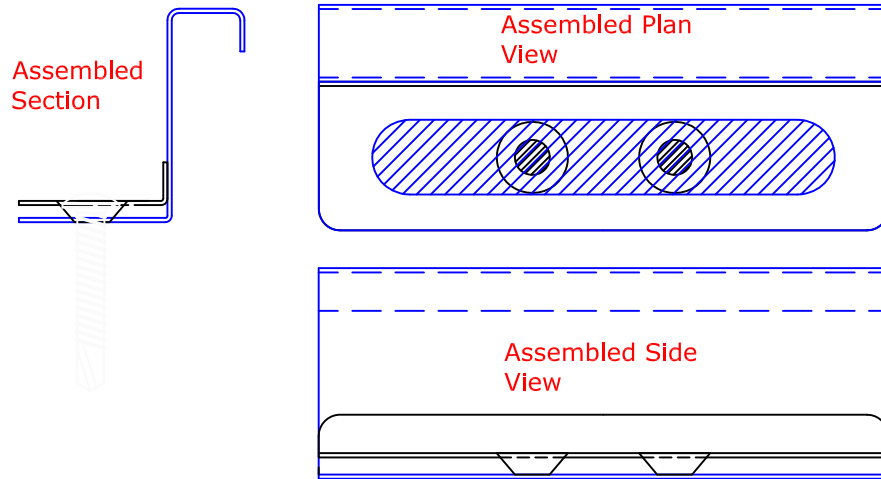
Phone: 087 - 2543499

Phone: 021 - 4551000

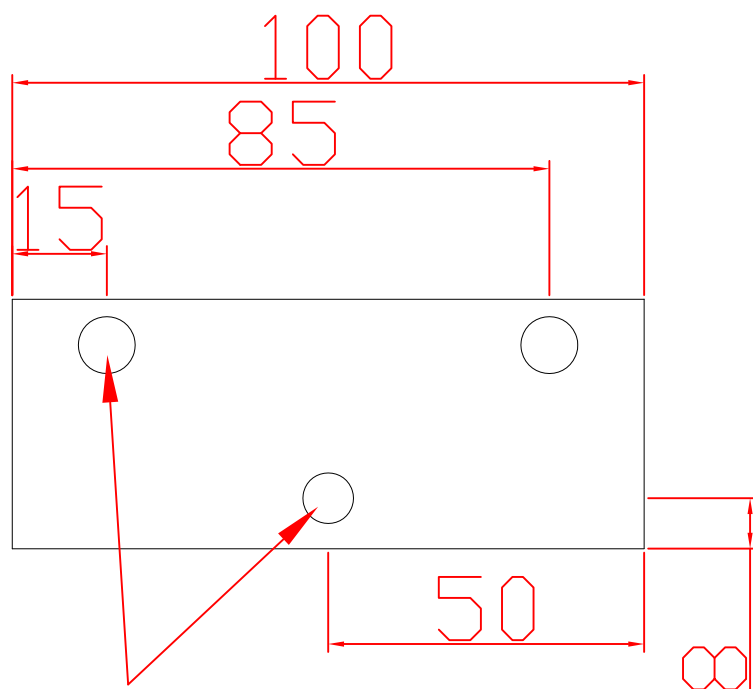
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Seamlock Seam Clamp



Secured with M8
bolts with cap heads

1 x M10
Bolt
with
washer

