Sheet List

Sheet Number	Sheet Name
VIK_TOR_000_INDEX001	Viking Roofspec Details Schedule
VIK_TOR_000_NOTES001	Best practice design in Membrane Roofing
VIK_TOR_000_NOTES002	Revit Notes
VIK_TOR_000_NOTES003	Specification Requirements
VIK_TOR_001_PENEOUTL	Penetration_Outlet and Overflow
VIK_TOR_001A_PENEOUTL	Penetration_Outlet and Overflow Side Exit
VIK_TOR_002_PENEBALC	Penetration_Balcony Drain 80mm
VIK_TOR_002A_PENEBALC	Penetration_Balcony Drain 100mm
VIK_TOR_004_PENEPLIN	Penetration_Plinth direction to divert watershed
VIK_TOR_004A_PENECRIK	Penetration_Cricket Diverter for watershed
VIK_TOR_005_VERTPIPE	Penetration_Vertical pipe
VIK_TOR_005A_HORIPIPE	Penetration_Horizontal pipe
VIK_TOR_006_VERTDUCT	Penetration_Vertical ducting pipe
VIK_TOR_006A_HORIDUCT	Penetration_Horizontal ducting pipe
VIK_TOR_007_PENEFLUE	Penetration_Flue or Oversize Pipe
VIK_TOR_008_SKYLACCH	Penetration_Skylight or Roof Access hatch
VIK_TOR_009_POSTDECK	Penetration_Square Post through decking
VIK_TOR_011_PENEPOST	Penetration_Post or Rail for Plant Room equipment
VIK_TOR_012_PENEPLIN	Penetration_Plinth base for Balustrade
VIK_TOR_013_PENEPLIN	Penetration_Plinth for concrete or timber
VIK_TOR_014_PENEACOU	Penetration_Acoustic Mounting Block
VIK_TOR_020_VENTCAVI	Ventilation_Cavity Vent
VIK_TOR_020C_VENTROOF	Ventilation_Substrate Roof vent for concrete
VIK_TOR_021_VENTDRIP	Ventilation_Cavity vent at Drip edge
VIK_TOR_021A_VENTPAPA	Ventilation_Cavity vent at Parapet
VIK_TOR_021B_VENTSOFF	Ventilation_Cavity vent through Soffit
VIK_TOR_030_VERGBARG	Verge_Barge
VIK_TOR_031_VERGBARG	Verge_Barge with Low Profile AFS
VIK_TOR_031A_VERGBARG	Verge_Barge with Low Profile AFS in ISOMETRIC
VIK_TOR_032_VERGDRIP	Verge_Drip edge to External Spouting
VIK_TOR_033_VERGEDGE	Verge_edge with wall continuing, Diverter for cladding
VIK_TOR_033A_VERGEDGE	Verge_edge with wall returning, Diverter for cladding

Sheet List

Sheet Number	Sheet Name
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VIK_TOR_040A_PARAWALL	Parapet_Parapet meets wall
VIK_TOR_041_PARASCUP	Parapet_ with scupper outlet
VIK_TOR_042_PARAOVER	Parapet_with overflow
VIK_TOR_050_GUTTOUTL	Internal Gutter_with outlet
VIK_TOR_051_GUTTWALL	Internal Gutter_to Wall
VIK_TOR_052_GUTTWALL	Internal Gutter_with outlet / overflow
VIK_TOR_060_INTSECRN	Intersection_External corner
VIK_TOR_061_INTSICNR	Intersection_Internal corner
VIK_TOR_062_INTSSUBS	Intersection_Substrate Expansion
VIK_TOR_062A_INTSSUBS	Intersection_Substrate Expansion Ply to Concrete
VIK_TOR_063_INTSSEIS	Intersection_Seismic Gap Generic
VIK_TOR_064_INTSRIDG	Intersection_Ridge / Hip
VIK_TOR_065_INTSVALL	Intersection_Valley
VIK_TOR_066_INTSSHEL	Intersection_Sheet Lap
VIK_TOR_067_INTSSHTT	Intersection_Sheet T-Joint
VIK_TOR_070_RJUNUPST	Roof Junction_Upstand to Pitched Roofing
VIK_TOR_071_RJUNMETL	Roof Junction_Membrane to Pitched Roofing Longrun
VIK_TOR_072_RJUNGUTI	Roof Junction_Metal Roof to Internal Gutter
VIK_TOR_073_RJUNMANV	Roof Junction_Mansard Verge
VIK_TOR_074_RJUNDORM	Roof Junction_Dormer ISO
VIK_TOR_074A_RJUNDORM	Roof Junction_Dormer Gutter
VIK_TOR_080_APRNUPST	Apron_Upstand behind cladding
VIK_TOR_080A_APRNURAB	Apron_Upstand to RAB behind cladding
VIK_TOR_081_APRNUTER	Apron_Upstand terminations without cladding
VIK_TOR_090_DOORTHRS	Threshold_Door
VIK_TOR_091_WINDTHRS	Threshold_Window
VIK_TOR_100_DECKBALU	Deck_Balustrade
VIK_TOR_101_DECKBALU	Deck_Balustrade to External Spouting

Roofspec Viking
Taking care of detail

DRAWING TITLE

Viking Torch-On
Viking Roofspec Details Schedule

NOTES:

- Viking Waterproof Membrane as notated can be Viking Gemini, Lybra or Phoenix Super.
- All fixings, cladding and structure are indicative only unless notated.

CODEMARK™
Cert # GM-CM30092

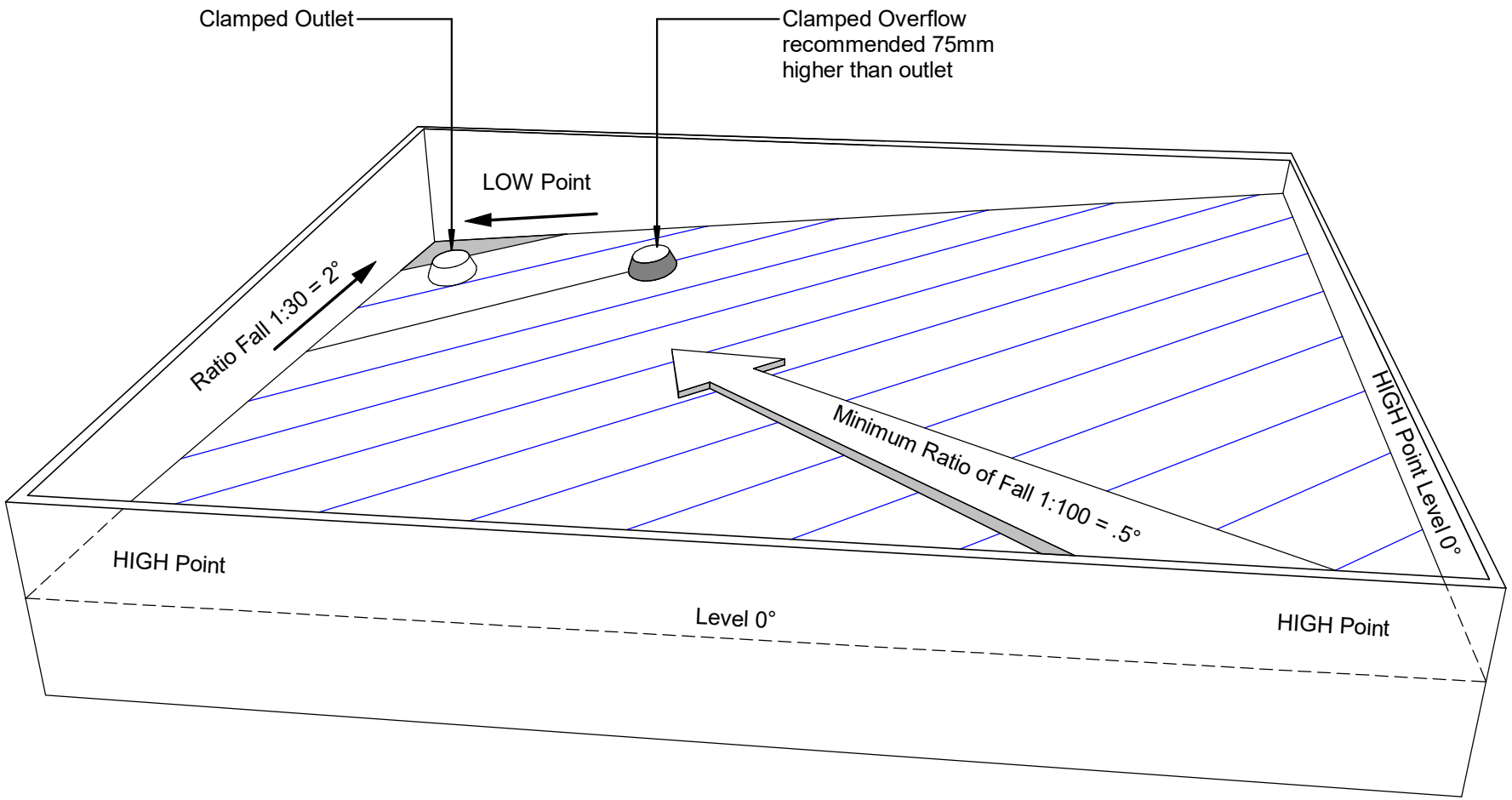
Viking Torch-On systems are CodeMarked

DRAWING
INFORMATION ONLY

Scale:	Date:	Drawn:	Viking
Not to Scale	23/11/2020		

Detail Ref: **VIK_TOR_000_INDEX001**

Viking Roofspec, Otara, P.O.Box 14-541, Auckland 1741, New Zealand, **Telephone** 0800 729 799, **Facsimile** 0800 729 788, **Website** www.vikingroofspec.co.nz



NOTE: For low risk design, Viking Roofspec would recommend drainage to external spouting. When the roof is designed with enclosed parapets, consider using this methodology, to eliminate the requirement for internal gutters.

Viking Roofspec
Taking care of detail

DRAWING TITLE

Viking Torch-On
Best practice design in Membrane Roofing

NOTES:

- Viking Waterproof Membrane as notated can be Viking Gemini, Lybra or Phoenix Super.
- All fixings, cladding and structure are indicative only unless notated.

CODEMARK™
Cert # GM-CM30092

Viking Torch-On systems are CodeMarked

DRAWING
INFORMATION ONLY

Scale:	Date:	Drawn:	Viking
Not to Scale	23/11/2020		

Detail Ref: **VIK_TOR_000_NOTES001**

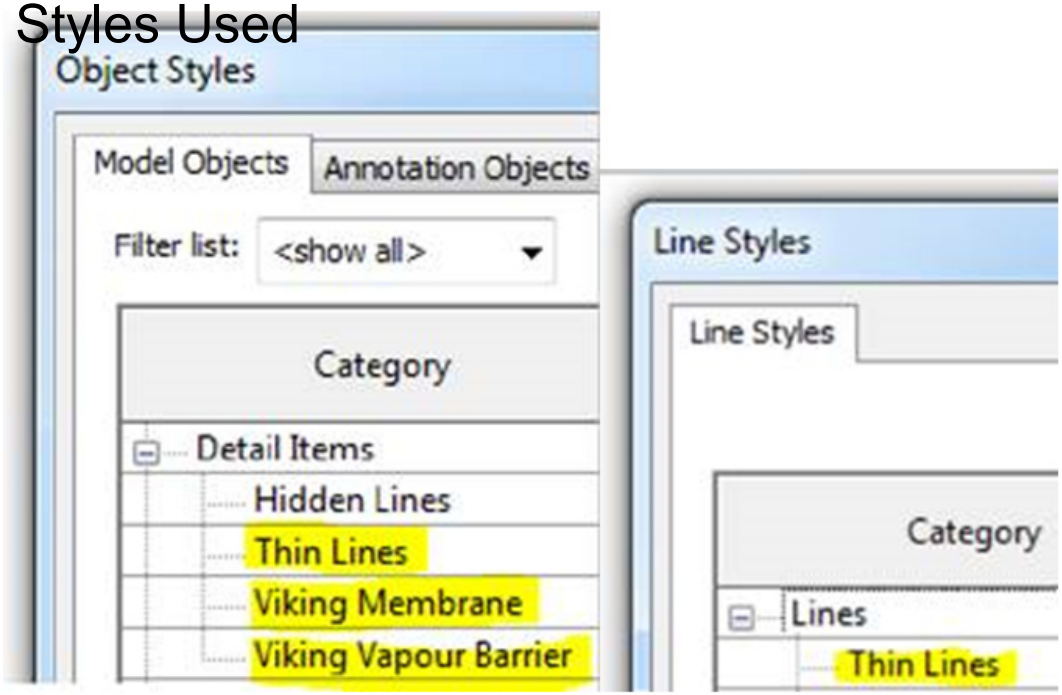
Viking Roofspec, Otara, P.O.Box 14-541, Auckland 1741, New Zealand, **Telephone** 0800 729 799, **Facsimile** 0800 729 788, **Website** www.vikingroofspec.co.nz

Viking Details - Revit Notes

All Viking Revit Families:

1. Are made natively within Revit (no CAD imports).
2. Have instance-based lengths (where relevant) allowing for easy push/pull length changes.
3. Have pre-populated type parameter "descriptions" allowing for automatic notation by multi-category tagging .
4. Have minimal object style/ linestyles so your project doesn't get cluttered (the Viking components are coloured within this project by the use of view filters)

Revit Object and Line Styles Used



Viking Roofspec
Taking care of detail

DRAWING TITLE

Viking Torch-On
Revit Notes

NOTES:

- Viking Waterproof Membrane as notated can be Viking Gemini, Lybra or Phoenix Super.
- All fixings, cladding and structure are indicative only unless notated.

CODEMARK
Cert # GM-CM30092

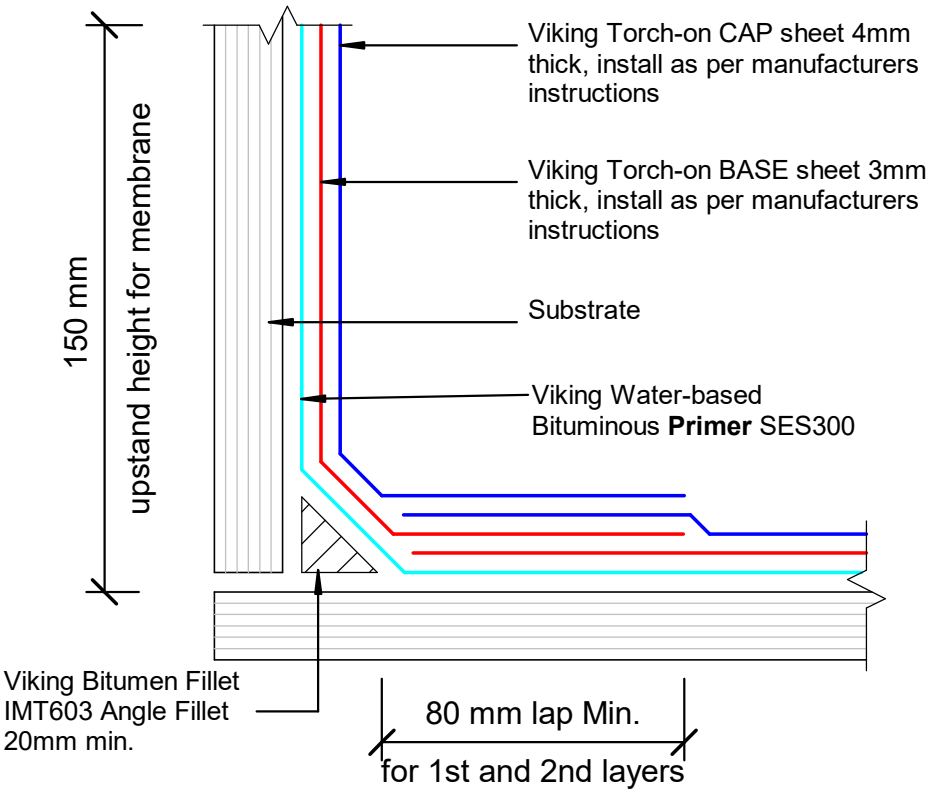
Viking Torch-On systems are CodeMarked

DRAWING
INFORMATION ONLY

Scale:	Date:	Drawn:	Viking
Not to Scale	23/11/2020		

Detail Ref: VIK_TOR_000_NOTES002

Viking Roofspec, Otara, P.O.Box 14-541, Auckland 1741, New Zealand, **Telephone** 0800 729 799, **Facsimile** 0800 729 788, **Website** www.vikingroofspec.co.nz



NOTE:
Substrate to comply with current Viking Roofspec Masterspec specification
Substrate Checksheet available from
www.vikingroofspec.co.nz

IMPORTANT NOTES for all following details:

Specification: These details are for use with all Viking Torch-on Membranes Gemini APP, Lybra SBS or Phoenix Super APAO selections. Contact Viking Roofspec to assist with the best selection for your needs.

Priming: All substrates and surfaces where Torch-on membrane is being applied must be primed with Viking SES300 Bituminous primer. All Metal flashings or Proprietary fittings such as drip-edges, drains, sumps and scuppers must be sanded then primed with Viking Solvent-based Bituminous Primer SES297.

Substrates: All Substrates are to comply with Viking Torch-on System requirements. All external corners must be min. 5mm radius , with Internal corners to have min. 20mm Angle Fillet installed. A Bitumen Fillet is best.

Detailing: All upstand transitions are to be installed as per this detail for Internal gutters, door thresholds, wall upstands, skylight upstands etc. Reasoning: To allow for membrane movement near fillets at substrate transition from horizontal to vertical planes

Viking Roofspec
Taking care of detail

DRAWING TITLE

Viking Torch-On
Specification Requirements

NOTES:

- Viking Waterproof Membrane as notated can be Viking Gemini, Lybra or Phoenix Super.
- All fixings, cladding and structure are indicative only unless notated.

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Cert # GM-CM30092

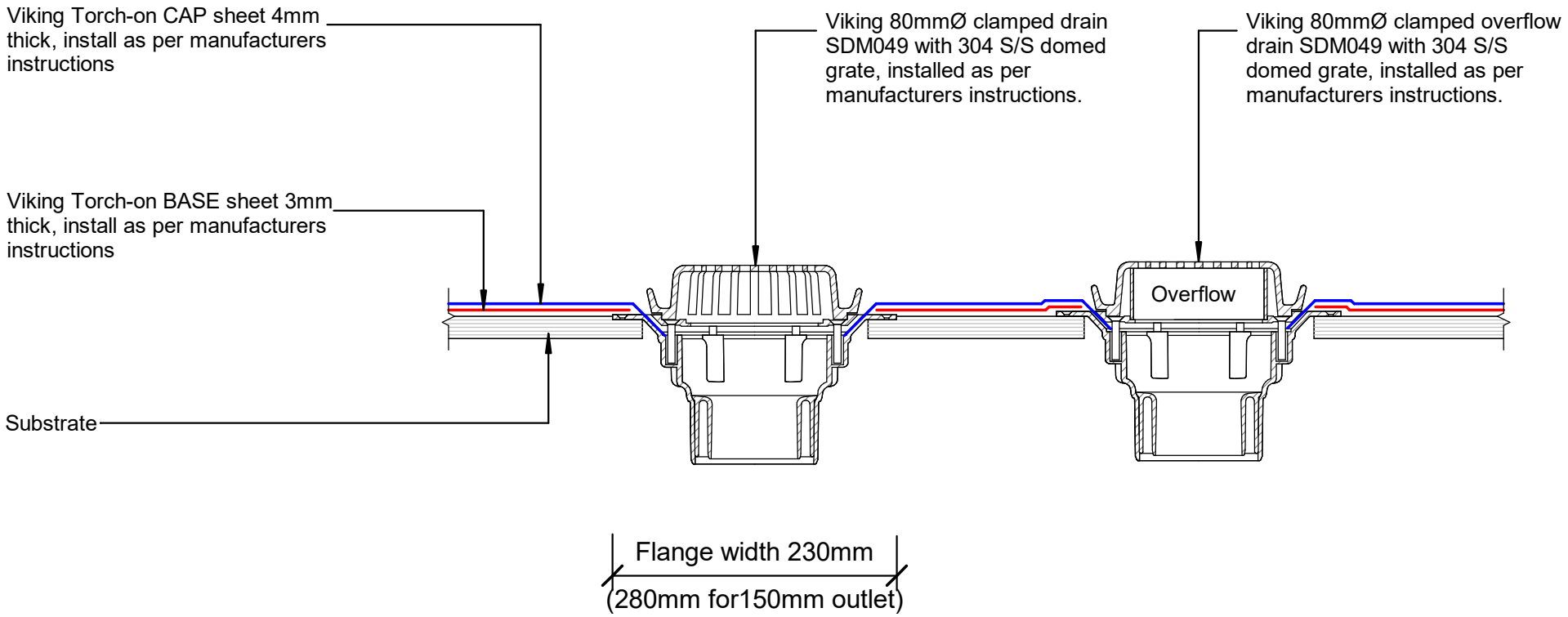
Viking Torch-On systems are CodeMarked

DRAWING
INFORMATION ONLY

Scale:	Date:	Drawn:	Viking
Not to Scale	23/11/2020		

Detail Ref: VIK_TOR_000_NOTES003

Viking Roofspec, Otara, P.O.Box 14-541, Auckland 1741, New Zealand, **Telephone** 0800 729 799, **Facsimile** 0800 729 788, **Website** www.vikingroofspec.co.nz



NOTE:
Substrate to comply with current Viking Roofspec Masterspec specification
Substrate Checksheet available from www.vikingroofspec.co.nz

NOTE:
1/ Overflow to match outlet capacity.
2/ Overflow to be plumbed independent of stormwater, through soffit or exterior wall
3/ Viking Solvent-based Bituminous Primer to all metal and proprietary fitting

Viking Roofspec
Taking care of detail

DRAWING TITLE

Viking Torch-On Penetration_Outlet and Overflow

NOTES:

- Viking Waterproof Membrane as notated can be Viking Gemini, Lybra or Phoenix Super.
- All fixings, cladding and structure are indicative only unless notated.

CODEMARK™ Cert # GM-CM30092

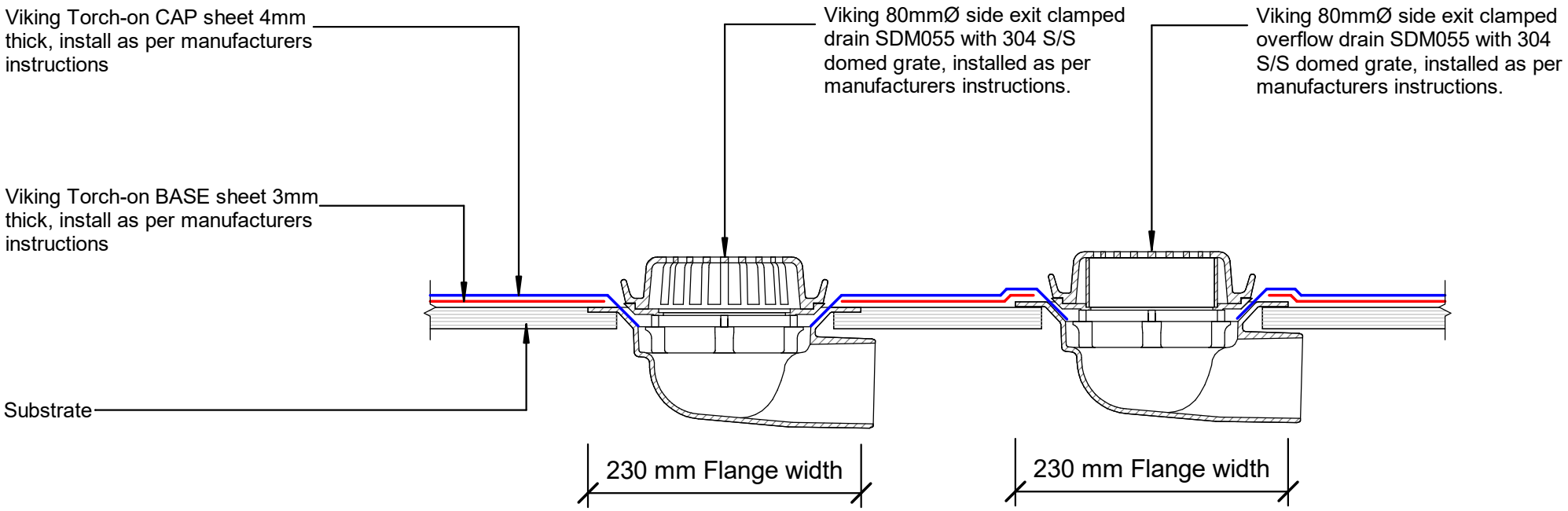
Viking Torch-On systems are CodeMarked

DRAWING
INFORMATION ONLY

Scale:	Date:	Drawn:	Viking
Not to Scale	23/11/2020		

Detail Ref: **VIK_TOR_001_PENEOUTL**

Viking Roofspec, Otara, P.O.Box 14-541, Auckland 1741, New Zealand, **Telephone** 0800 729 799, **Facsimile** 0800 729 788, **Website** www.vikingroofspec.co.nz



NOTE:
Substrate to comply with current Viking Roofspec Masterspec specification
Substrate Checksheet available from www.vikingroofspec.co.nz

NOTE:
1/ Overflow to match outlet capacity.
2/ Overflow to be plumbed independent of stormwater, through soffit or exterior wall
3/ Viking Solvent-based Bituminous Primer to all metal and proprietary fitting

Viking Roofspec
Taking care of detail

DRAWING TITLE

Viking Torch-On Penetration_Outlet and Overflow Side Exit

NOTES:

- Viking Waterproof Membrane as notated can be Viking Gemini, Lybra or Phoenix Super.
- All fixings, cladding and structure are indicative only unless notated.

CodeMark™ Cert # GM-CM30092

Viking Torch-On systems are CodeMarked

DRAWING
INFORMATION ONLY

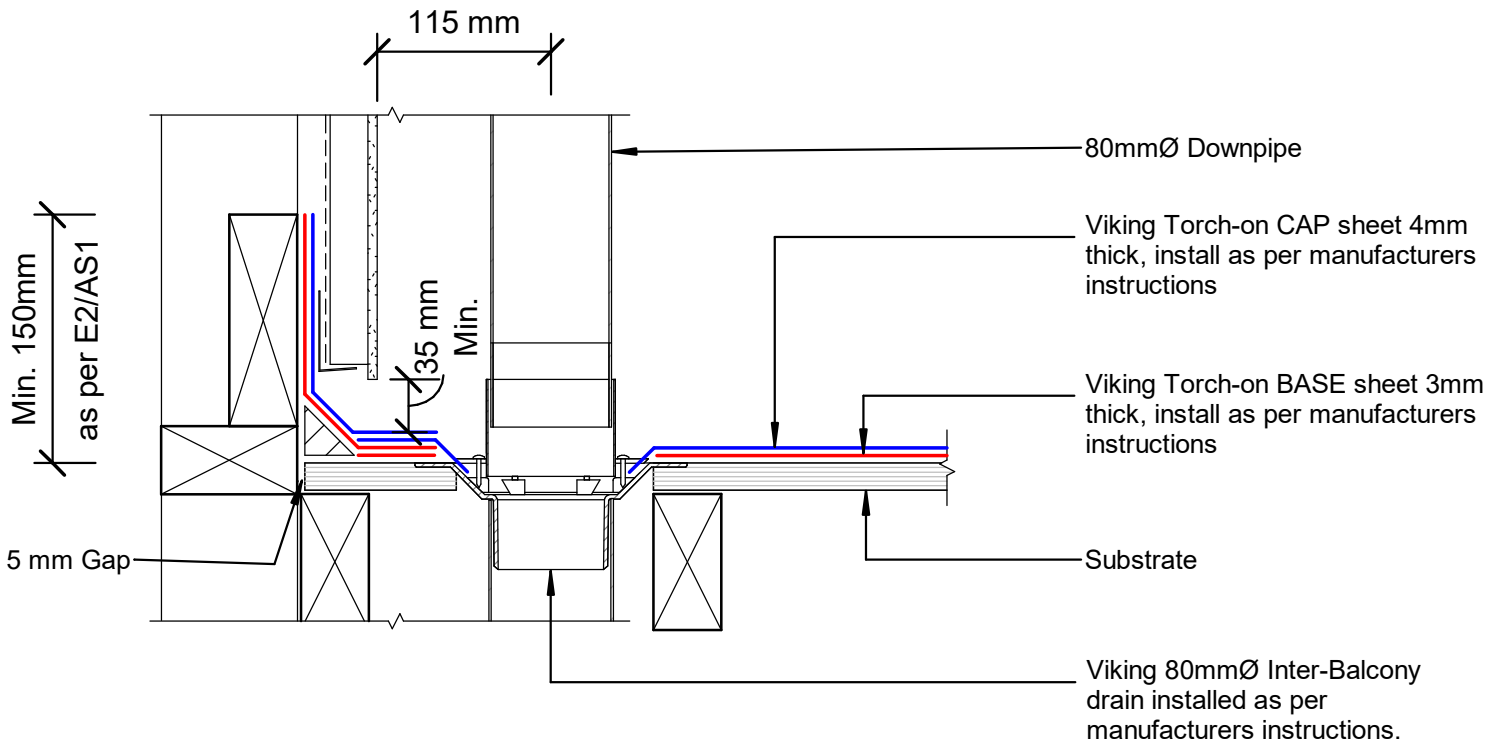
Scale:	Date:	Drawn:	Viking
Not to Scale	23/11/2020		

Detail Ref: **VIK_TOR_001A_PENEOUTL**

Viking Roofspec, Otara, P.O.Box 14-541, Auckland 1741, New Zealand, **Telephone** 0800 729 799, **Facsimile** 0800 729 788, **Website** www.vikingroofspec.co.nz

NOTE:
Substrate to comply with current Viking Roofspec Masterspec specification
Substrate Checksheet available from www.vikingroofspec.co.nz

NOTE:
Inter-Balcony drains are available in the following outlet diameter sizes:
65mm / 80mm / 100mm / 150mm



Viking Roofspec
Taking care of detail

DRAWING TITLE

Viking Torch-On
Penetration_Balcony Drain 80mm

NOTES:

- Viking Waterproof Membrane as notated can be Viking Gemini, Lybra or Phoenix Super.
- All fixings, cladding and structure are indicative only unless notated.

CODEMARK™
Cert # GM-CM30092

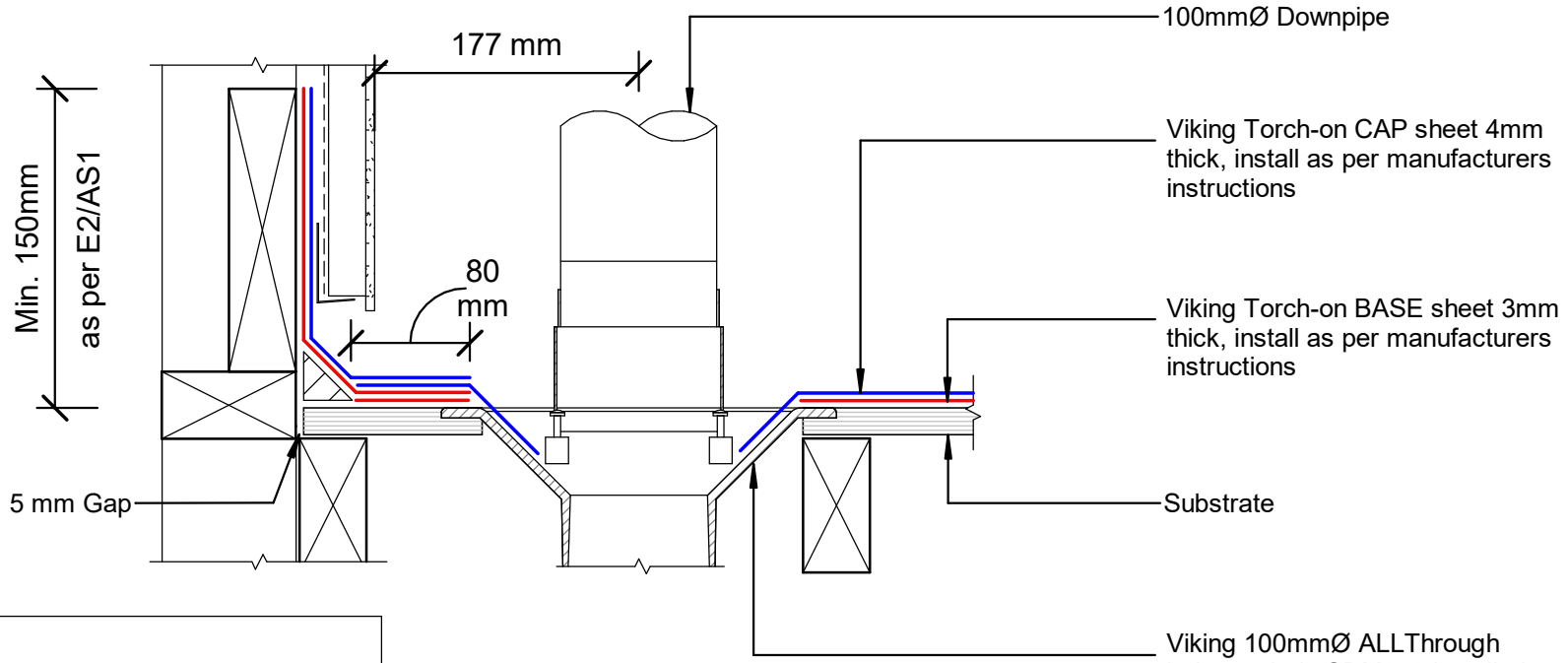
Viking Torch-On systems are CodeMarked

DRAWING
INFORMATION ONLY

Scale:	Date:	Drawn:	Viking
Not to Scale	23/11/2020		

Detail Ref: VIK_TOR_002_PENEBALC

Viking Roofspec, Otara, P.O.Box 14-541, Auckland 1741, New Zealand, **Telephone** 0800 729 799, **Facsimile** 0800 729 788, **Website** www.vikingroofspec.co.nz



NOTE:
Substrate to comply with current Viking Roofspec Masterspec specification
Substrate Checksheet available from
www.vikingroofspec.co.nz

Roofspec Viking
Taking care of detail

DRAWING TITLE

Viking Torch-On
Penetration_Balcony Drain 100mm

NOTES:

- Viking Waterproof Membrane as notated can be Viking Gemini, Lybra or Phoenix Super.
- All fixings, cladding and structure are indicative only unless notated.

CodeMark
Cert # GM-CM30092

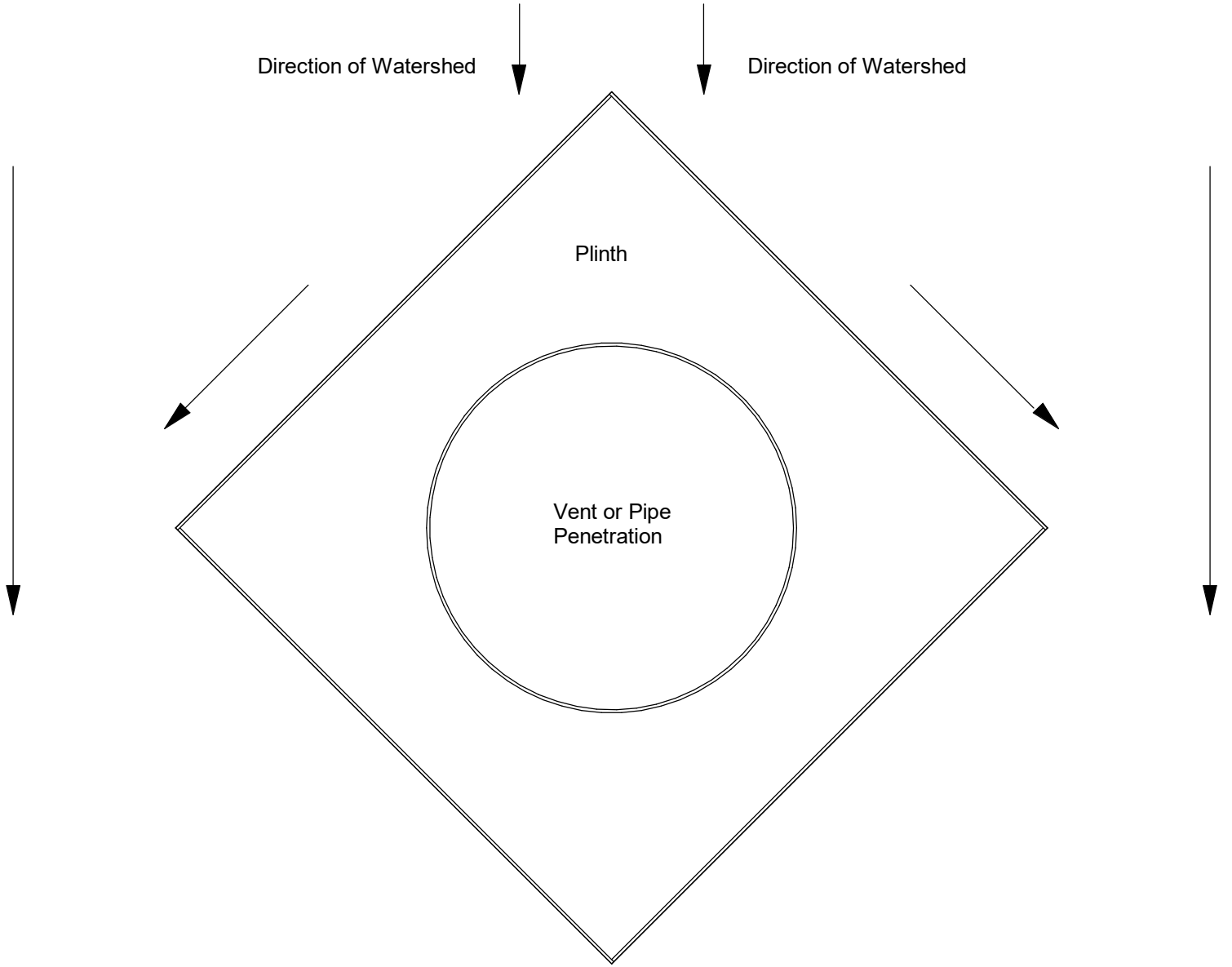
Viking Torch-On systems are CodeMarked

DRAWING
INFORMATION ONLY

Scale:	Date:	Drawn:	Viking
Not to Scale	23/11/2020		

Detail Ref: **VIK_TOR_002A_PENEBALC**

Viking Roofspec, Otara, P.O.Box 14-541, Auckland 1741, New Zealand, **Telephone** 0800 729 799, **Facsimile** 0800 729 788, **Website** www.vikingroofspec.co.nz



Roofspec Viking
Taking care of detail

DRAWING TITLE

Viking Torch-On
Penetration_Plinth direction to divert watershed

NOTES:

- Viking Waterproof Membrane as notated can be Viking Gemini, Lybra or Phoenix Super.
- All fixings, cladding and structure are indicative only unless notated.

CODEMARK™
Cert # GM-CM30092

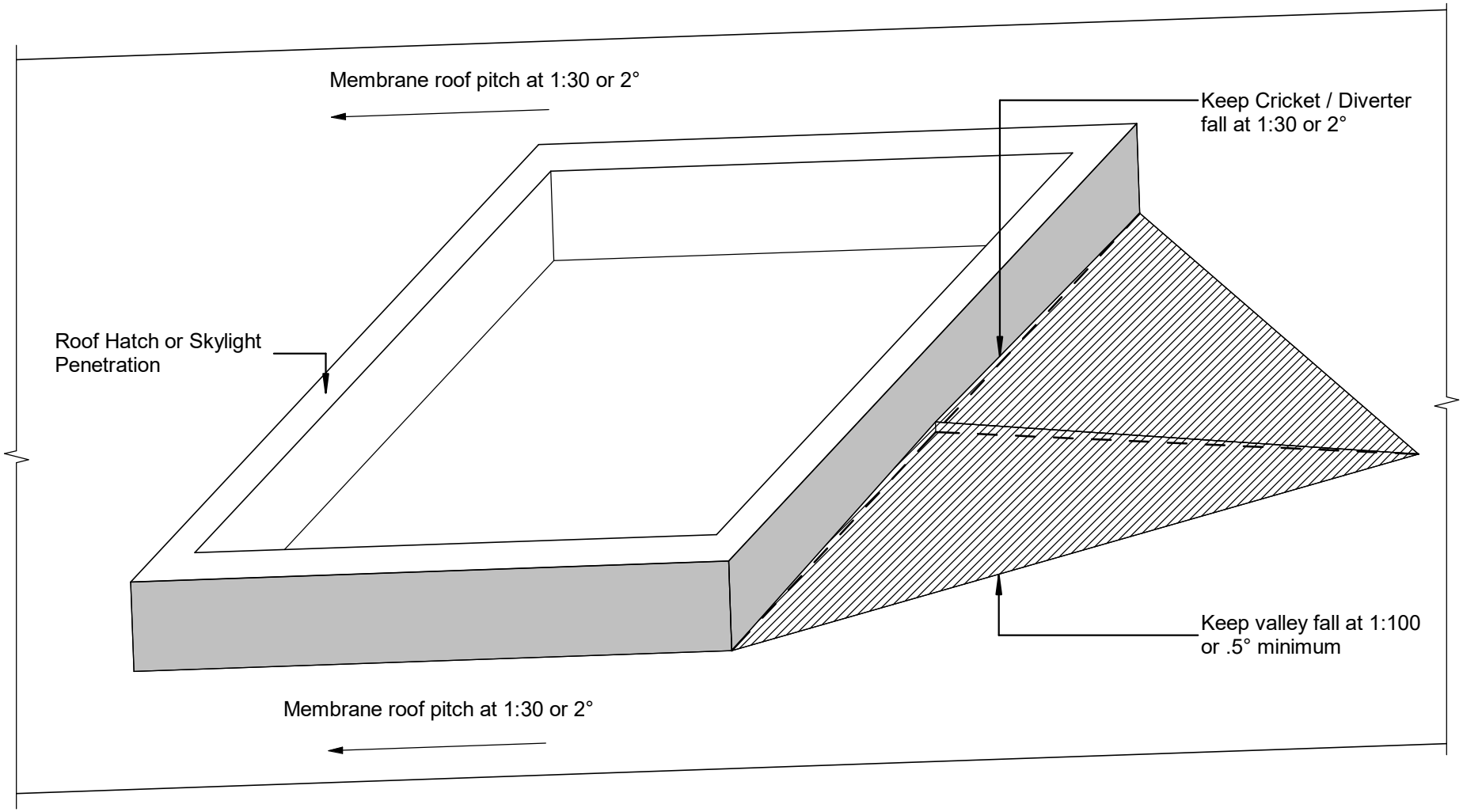
Viking Torch-On systems are CodeMarked

DRAWING
INFORMATION ONLY

Scale:	Date:	Drawn:	Viking
Not to Scale	23/11/2020		

Detail Ref: **VIK_TOR_004_PENEPLIN**

Viking Roofspec, Otara, P.O.Box 14-541, Auckland 1741, New Zealand, **Telephone** 0800 729 799, **Facsimile** 0800 729 788, **Website** www.vikingroofspec.co.nz



Roofspec Viking
Taking care of detail

DRAWING TITLE

Viking Torch-On
Penetration_Cricket Diverter for watershed

NOTES:

- Viking Waterproof Membrane as notated can be Viking Gemini, Lybra or Phoenix Super.
- All fixings, cladding and structure are indicative only unless notated.

CODEMARK™
Cert # GM-CM30092

Viking Torch-On systems are CodeMarked

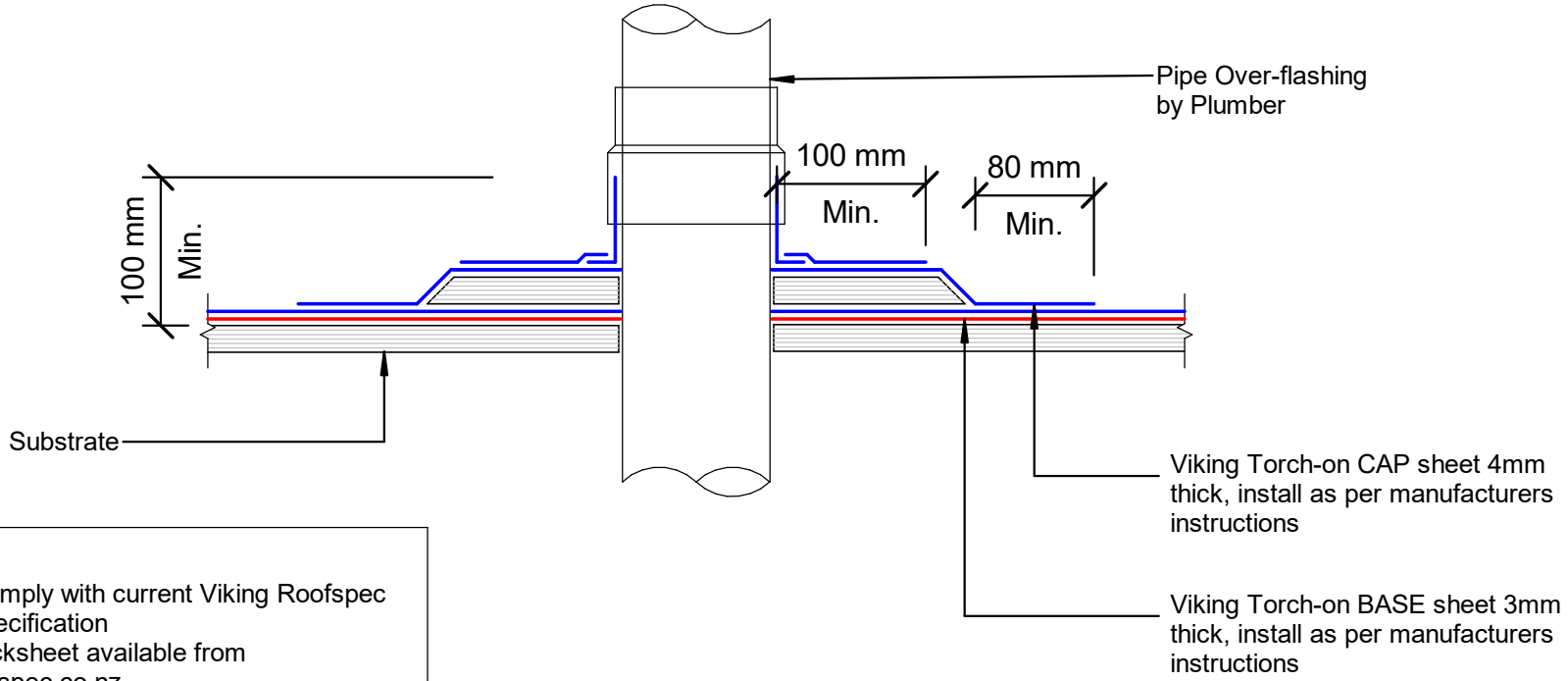
DRAWING
INFORMATION ONLY

Scale:	Date:	Drawn:	Viking
Not to Scale	23/11/2020		

Detail Ref: **VIK_TOR_004A_PENECRIK**

Viking Roofspec, Otara, P.O.Box 14-541, Auckland 1741, New Zealand, **Telephone** 0800 729 799, **Facsimile** 0800 729 788, **Website** www.vikingroofspec.co.nz

NOTE: Refer 04 for Direction of Plinth to watershed



NOTE:
Substrate to comply with current Viking Roofspec Masterspec specification
Substrate Checksheet available from
www.vikingroofspec.co.nz

Roofspec Viking
Taking care of detail

DRAWING TITLE

Viking Torch-On
Penetration_Vertical pipe

NOTES:

- Viking Waterproof Membrane as notated can be Viking Gemini, Lybra or Phoenix Super.
- All fixings, cladding and structure are indicative only unless notated.

CODEMARK™
Cert # GM-CM30092

Viking Torch-On systems are CodeMarked

DRAWING
INFORMATION ONLY

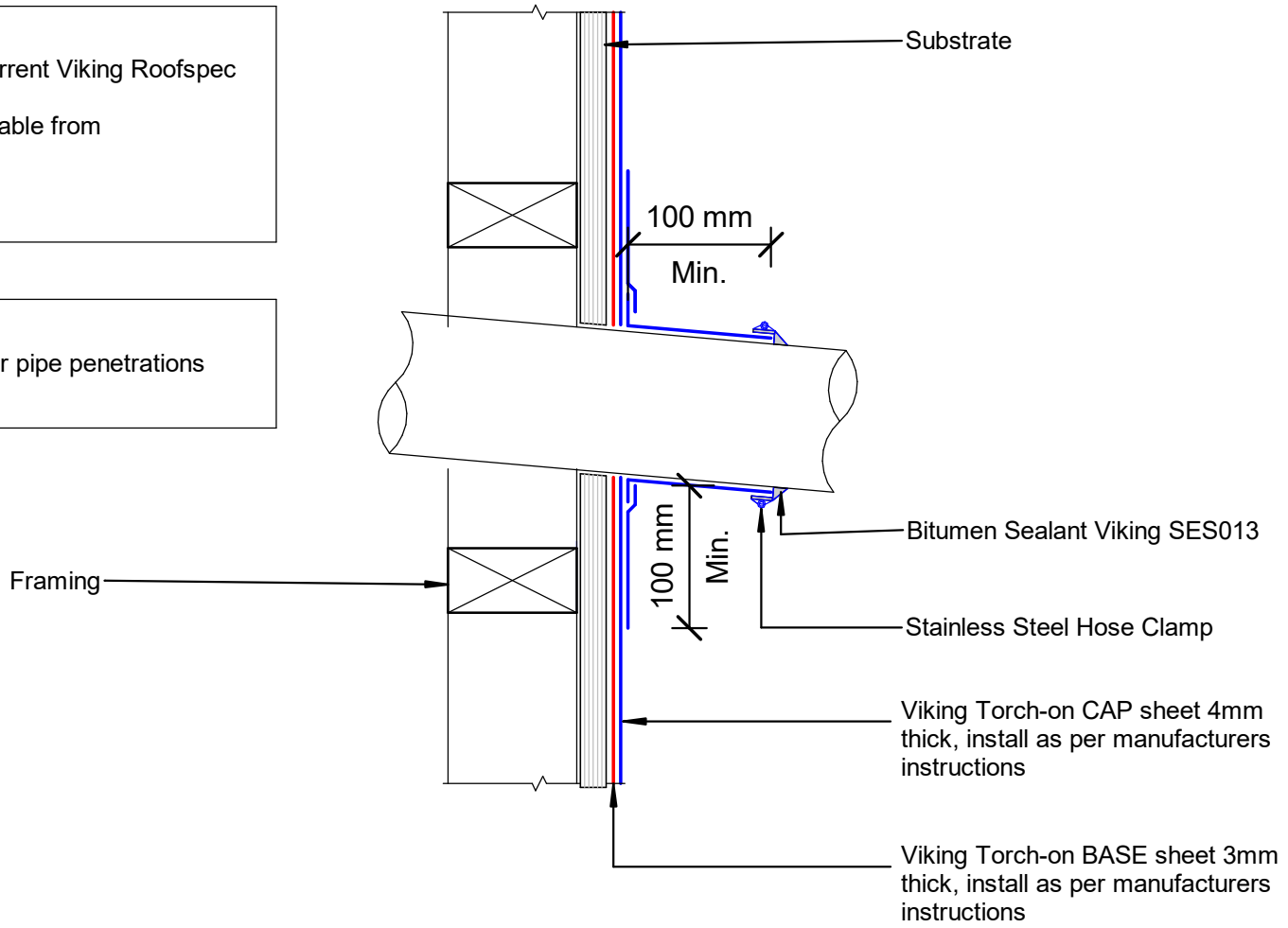
Scale:	Date:	Drawn:	Viking
Not to Scale	23/11/2020		

Detail Ref: **VIK_TOR_005_VERTPIPE**

Viking Roofspec, Otara, P.O.Box 14-541, Auckland 1741, New Zealand, **Telephone** 0800 729 799, **Facsimile** 0800 729 788, **Website** www.vikingroofspec.co.nz

NOTE:
Substrate to comply with current Viking Roofspec Masterspec specification
Substrate Checksheet available from www.vikingroofspec.co.nz

NOTE:
A 5° fall is recommended for pipe penetrations



Viking Roofspec
Taking care of detail

DRAWING TITLE

Viking Torch-On
Penetration_Horizontal pipe

NOTES:

- Viking Waterproof Membrane as notated can be Viking Gemini, Lybra or Phoenix Super.
- All fixings, cladding and structure are indicative only unless notated.

CodeMark™
Cert # GM-CM30092

Viking Torch-On systems are CodeMarked

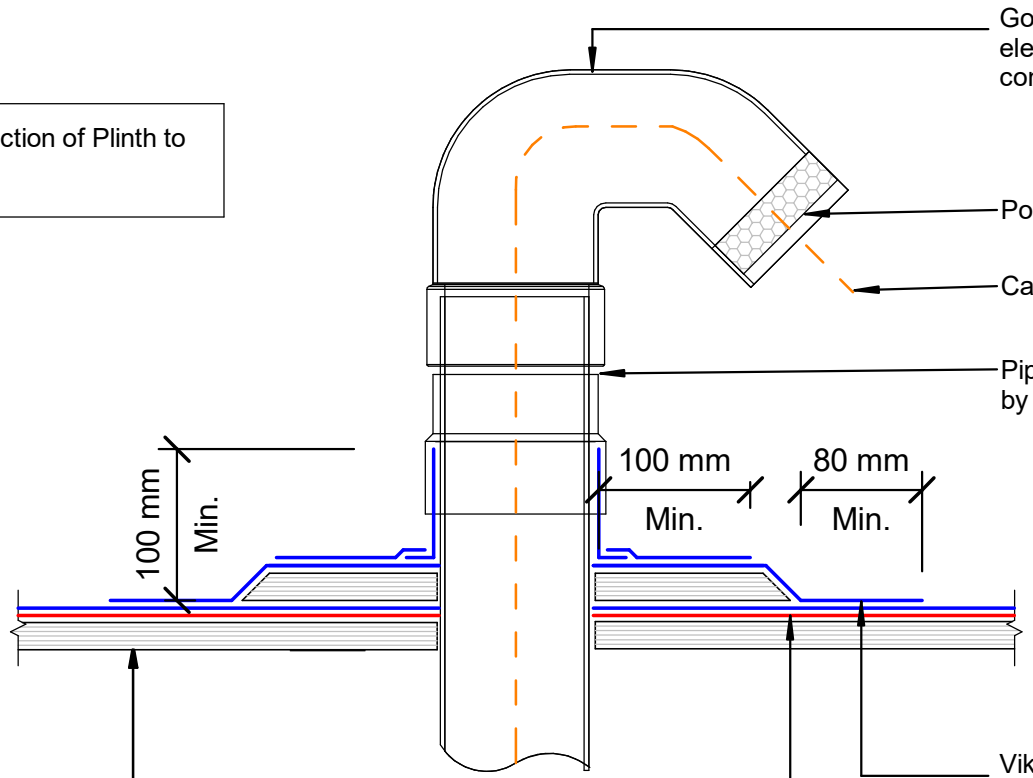
DRAWING
INFORMATION ONLY

Scale:	Date:	Drawn:	Viking
Not to Scale	23/11/2020		

Detail Ref: **VIK_TOR_005A_HORIPIPE**

Viking Roofspec, Otara, P.O.Box 14-541, Auckland 1741, New Zealand, **Telephone** 0800 729 799, **Facsimile** 0800 729 788, **Website** www.vikingroofspec.co.nz

NOTE: Refer TOR_004 for Direction of Plinth to watershed



NOTE:
Substrate to comply with current Viking Roofspec Masterspec specification
Substrate Checksheet available from www.vikingroofspec.co.nz

Viking Roofspec
Taking care of detail

DRAWING TITLE

Viking Torch-On
Penetration_Vertical ducting pipe

NOTES:

- Viking Waterproof Membrane as notated can be Viking Gemini, Lybra or Phoenix Super.
- All fixings, cladding and structure are indicative only unless notated.

CODEMARK
Cert # GM-CM30092

Viking Torch-On systems are CodeMarked

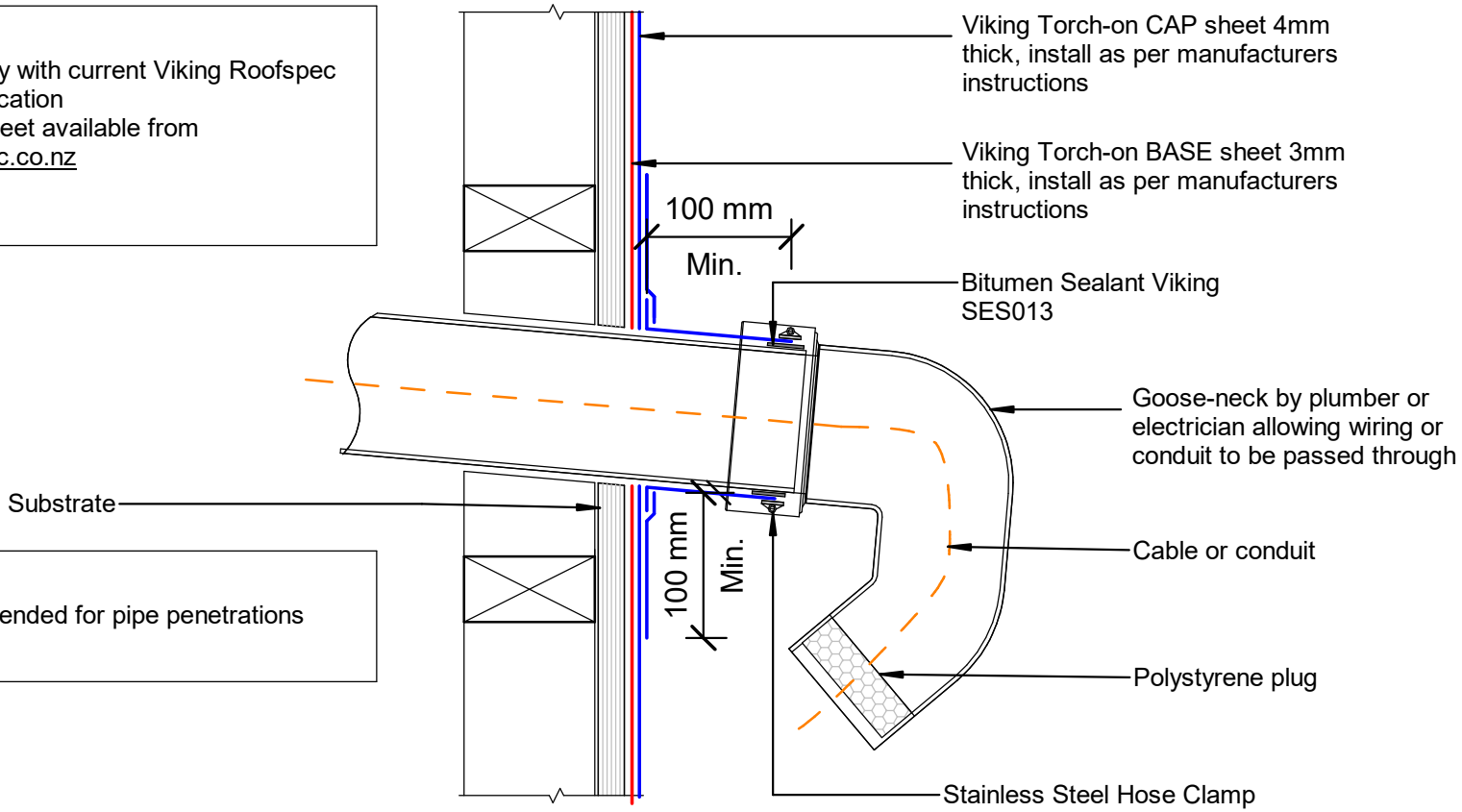
DRAWING
INFORMATION ONLY

Scale:	Date:	Drawn:	Viking
Not to Scale	23/11/2020		

Detail Ref: VIK_TOR_006_VERTDUCT

Viking Roofspec, Otara, P.O.Box 14-541, Auckland 1741, New Zealand, **Telephone** 0800 729 799, **Facsimile** 0800 729 788, **Website** www.vikingroofspec.co.nz

NOTE:
Substrate to comply with current Viking Roofspec Masterspec specification
Substrate Checksheet available from www.vikingroofspec.co.nz



NOTE:
A 5° fall is recommended for pipe penetrations

Roofspec Viking
Taking care of detail

DRAWING TITLE

Viking Torch-On
Penetration_Horizontal ducting pipe

NOTES:

- Viking Waterproof Membrane as notated can be Viking Gemini, Lybra or Phoenix Super.
- All fixings, cladding and structure are indicative only unless notated.

CODEMARK
Cert # GM-CM30092

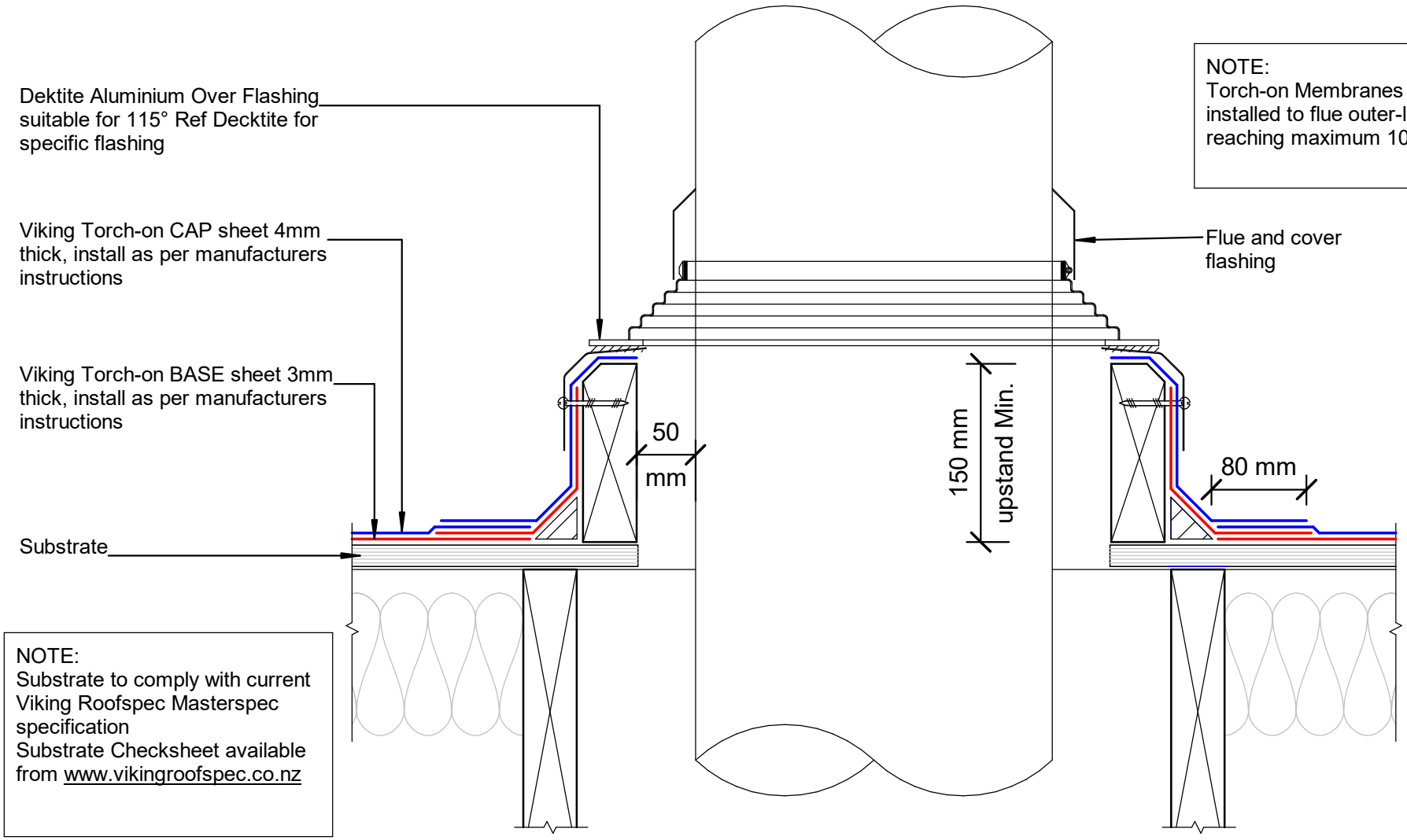
Viking Torch-On systems are CodeMarked

DRAWING
INFORMATION ONLY

Scale:	Date:	Drawn:	Viking
Not to Scale	23/11/2020		

Detail Ref: VIK_TOR_006A_HORIDUCT

Viking Roofspec, Otara, P.O.Box 14-541, Auckland 1741, New Zealand, **Telephone** 0800 729 799, **Facsimile** 0800 729 788, **Website** www.vikingroofspec.co.nz



NOTE:
Torch-on Membranes can be installed to flue outer-liners reaching maximum 100°C

NOTE:
Substrate to comply with current Viking Roofspec Masterspec specification
Substrate Checksheet available from www.vikingroofspec.co.nz

Roofspec Viking
Taking care of detail

DRAWING TITLE

Viking Torch-On Penetration_Flue or Oversize Pipe

NOTES:

- Viking Waterproof Membrane as notated can be Viking Gemini, Lybra or Phoenix Super.
- All fixings, cladding and structure are indicative only unless notated.

CODEMARK
Cert # GM-CM30092

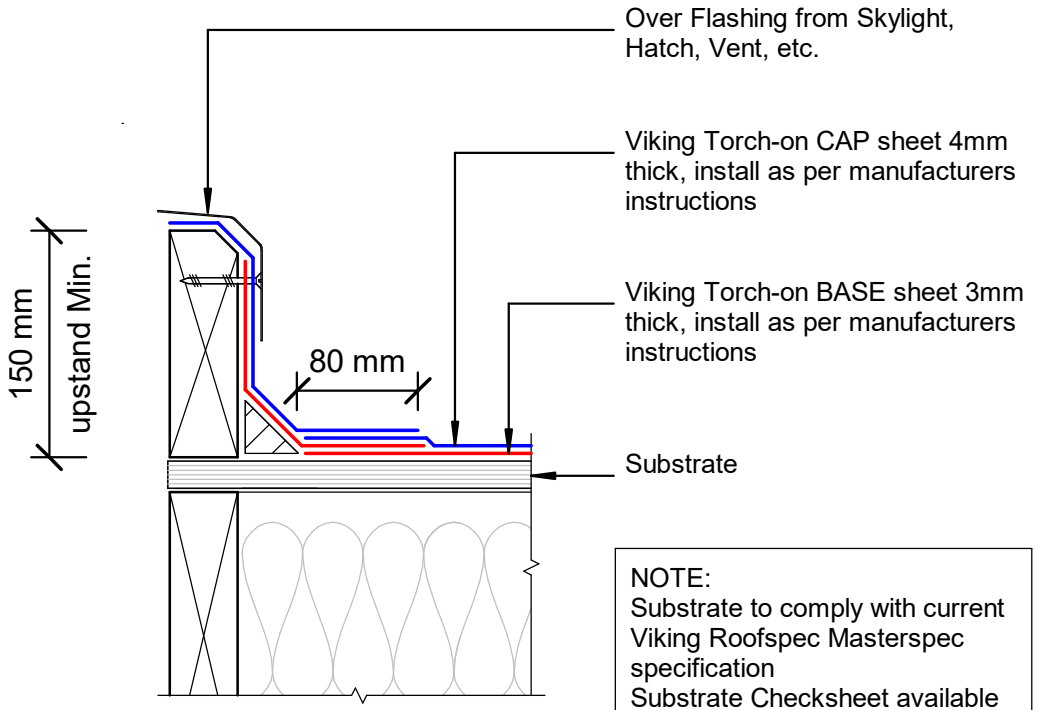
Viking Torch-On systems are CodeMarked

DRAWING
INFORMATION ONLY

Scale:	Date:	Drawn:	Viking
Not to Scale	23/11/2020		

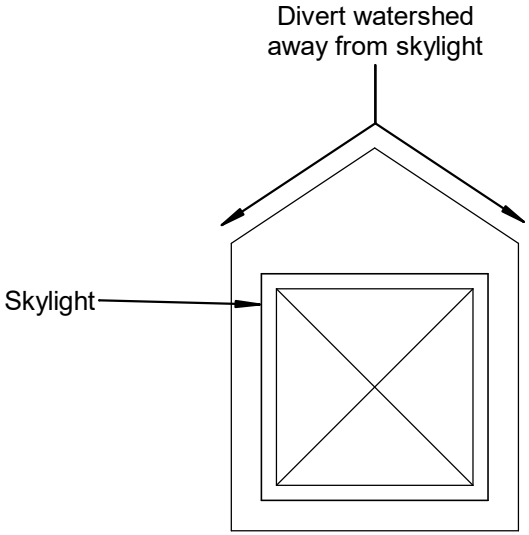
Detail Ref: **VIK_TOR_007_PENEFLUE**

Viking Roofspec, Otara, P.O.Box 14-541, Auckland 1741, New Zealand, **Telephone** 0800 729 799, **Facsimile** 0800 729 788, **Website** www.vikingroofspec.co.nz



NOTE:
Substrate to comply with current Viking Roofspec Masterspec specification
Substrate Checksheet available from www.vikingroofspec.co.nz

NOTE:
Refer TOR_004A



Roofspec Viking
Taking care of detail

DRAWING TITLE

Viking Torch-On
Penetration_Skylight or Roof Access hatch

NOTES:

- Viking Waterproof Membrane as notated can be Viking Gemini, Lybra or Phoenix Super.
- All fixings, cladding and structure are indicative only unless notated.

CODEMARK™
Cert # GM-CM30092

Viking Torch-On systems are CodeMarked

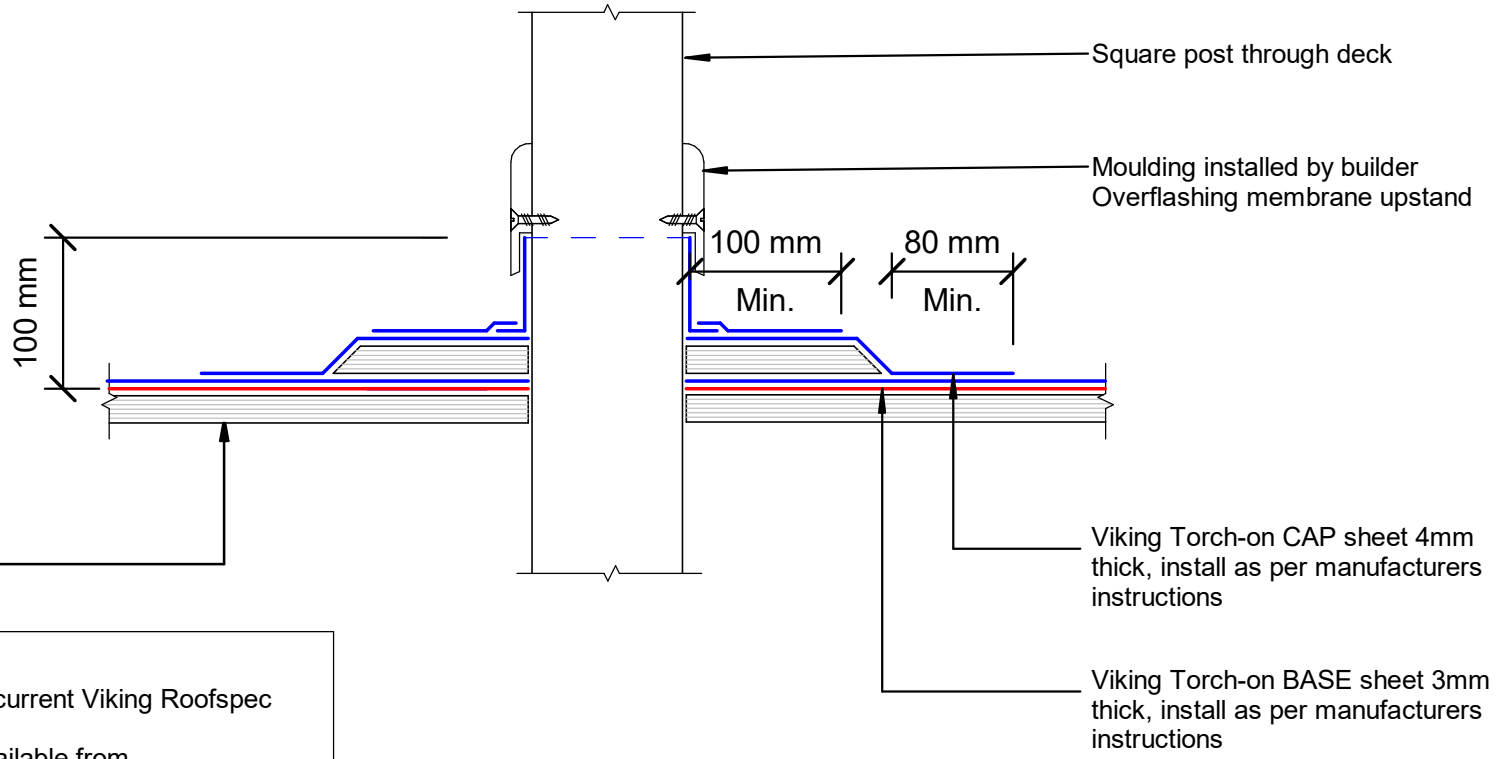
DRAWING
INFORMATION ONLY

Scale:	Date:	Drawn:	Viking
Not to Scale	23/11/2020		

Detail Ref: VIK_TOR_008_SKYLACCH

Viking Roofspec, Otara, P.O.Box 14-541, Auckland 1741, New Zealand, **Telephone** 0800 729 799, **Facsimile** 0800 729 788, **Website** www.vikingroofspec.co.nz

NOTE: Refer TOR_004 for Direction of Plinth to watershed



NOTE:
Substrate to comply with current Viking Roofspec Masterspec specification
Substrate Checksheet available from www.vikingroofspec.co.nz

Viking Roofspec
Taking care of detail

DRAWING TITLE

Viking Torch-On
Penetration_Square Post through decking

NOTES:

- Viking Waterproof Membrane as notated can be Viking Gemini, Lybra or Phoenix Super.
- All fixings, cladding and structure are indicative only unless notated.

CodeMark
Cert # GM-CM30092

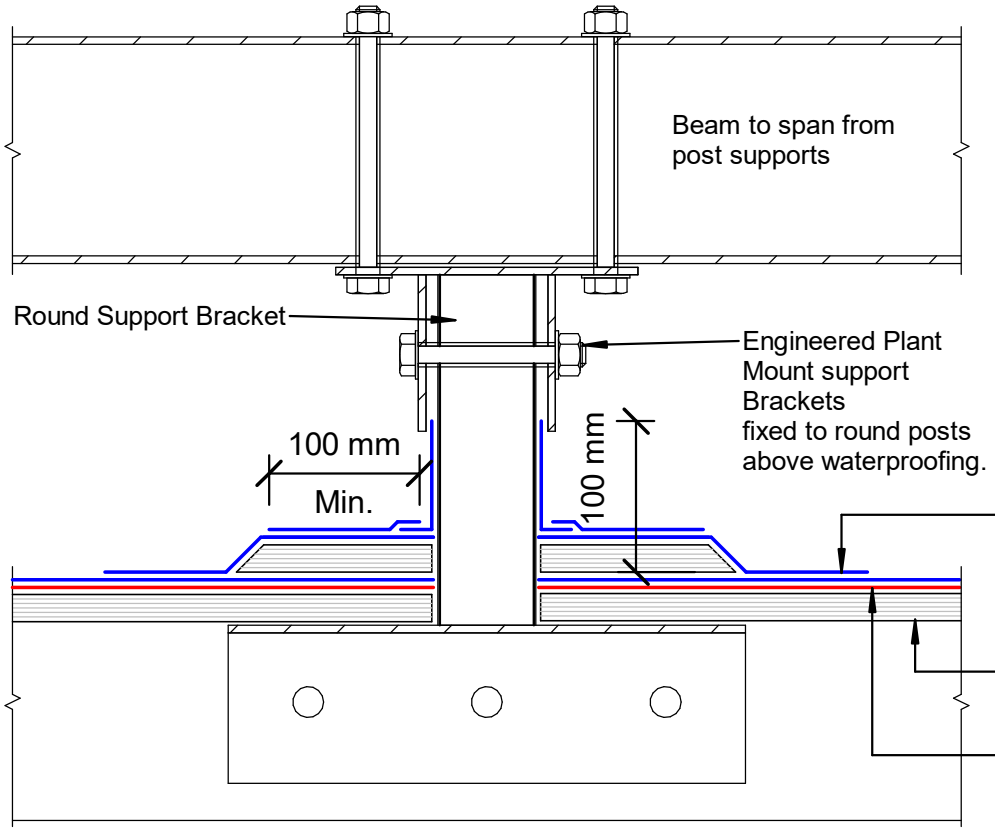
Viking Torch-On systems are CodeMarked

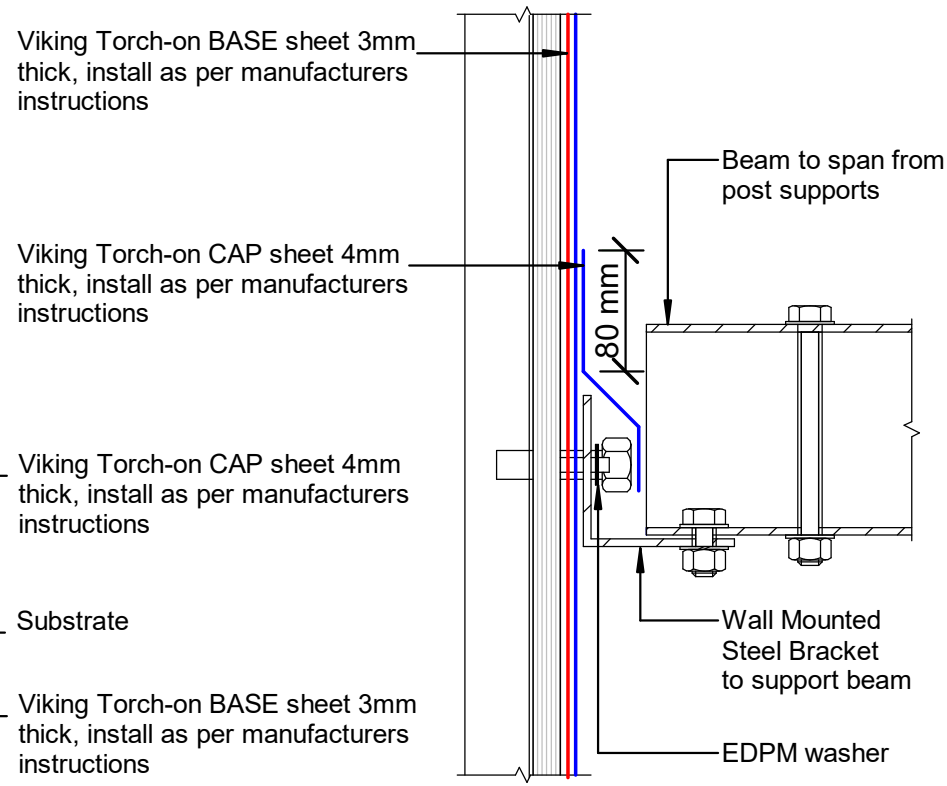
DRAWING
INFORMATION ONLY

Scale:	Date:	Drawn:	Viking
Not to Scale	23/11/2020		

Detail Ref: **VIK_TOR_009_POSTDECK**

Viking Roofspec, Otara, P.O.Box 14-541, Auckland 1741, New Zealand, **Telephone** 0800 729 799, **Facsimile** 0800 729 788, **Website** www.vikingroofspec.co.nz





Wall Mounted Bracket

NOTE:
Post and Brackets are SED.
Spaced according to weight and beam spanning abilities.
Not supplied by Viking Roofspec.

Roofspec Viking
Taking care of detail

DRAWING TITLE

Viking Torch-On Penetration_Post or Rail for Plant Room equipment

NOTES:

- Viking Waterproof Membrane as notated can be Viking Gemini, Lybra or Phoenix Super.
- All fixings, cladding and structure are indicative only unless notated.

CODEMARK™ Cert # GM-CM30092

Viking Torch-On systems are CodeMarked

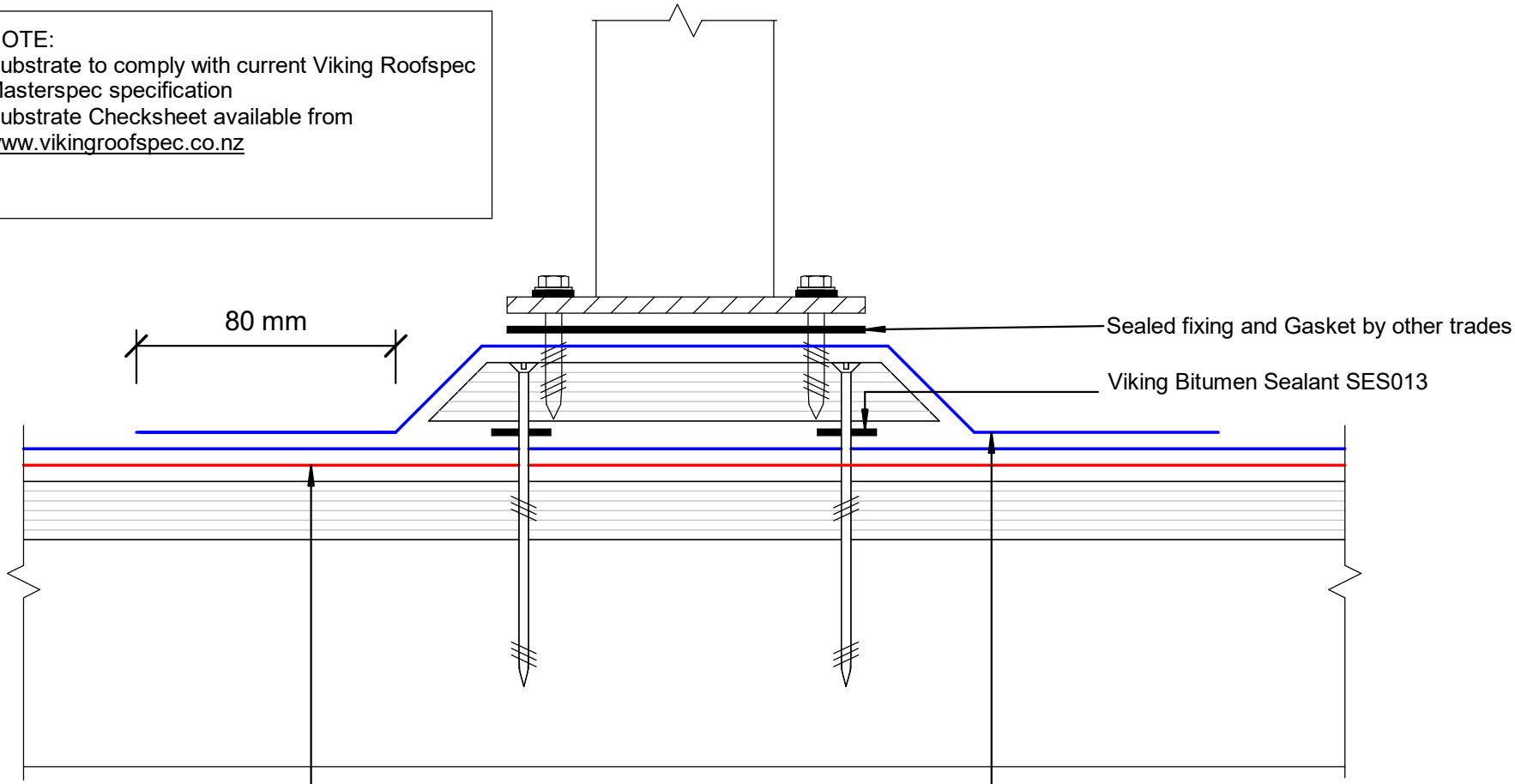
DRAWING
INFORMATION ONLY

Scale:	Date:	Drawn:	Viking
Not to Scale	23/11/2020		

Detail Ref: **VIK_TOR_011_PENEPOST**

Viking Roofspec, Otara, P.O.Box 14-541, Auckland 1741, New Zealand, **Telephone** 0800 729 799, **Facsimile** 0800 729 788, **Website** www.vikingroofspec.co.nz

NOTE:
Substrate to comply with current Viking Roofspec Masterspec specification
Substrate Checksheet available from
www.vikingroofspec.co.nz



Roofspec Viking
Taking care of detail

DRAWING TITLE

Viking Torch-On Penetration_Plinth base for Balustrade

NOTES:

- Viking Waterproof Membrane as notated can be Viking Gemini, Lybra or Phoenix Super.
- All fixings, cladding and structure are indicative only unless notated.

CODEMARK™
Cert # GM-CM30092

Viking Torch-On systems are CodeMarked

DRAWING
INFORMATION ONLY

Scale:	Date:	Drawn:	Viking
Not to Scale	23/11/2020		

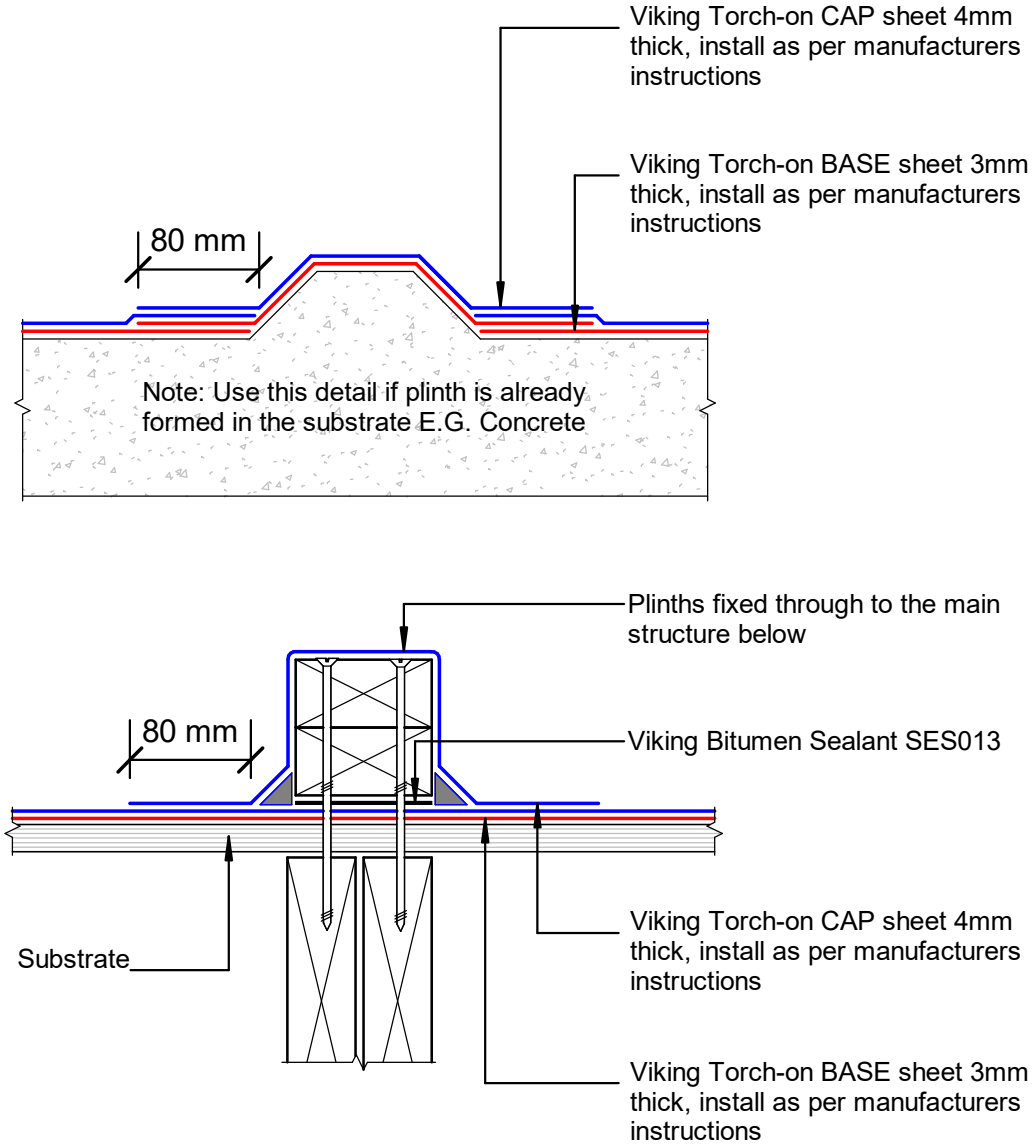
Detail Ref: **VIK_TOR_012_PENEPLIN**

Viking Roofspec, Otara, P.O.Box 14-541, Auckland 1741, New Zealand, **Telephone** 0800 729 799, **Facsimile** 0800 729 788, **Website** www.vikingroofspec.co.nz

NOTE:
Substrate to comply with current Viking Roofspec Masterspec specification
Substrate Checksheet available from
www.vikingroofspec.co.nz

NOTE:
Consider Viking Detail TOR_011 as a better option for supporting Mechanical Plant on membrane roofs.
Although Viking Roofspec do not recommend fixing posts or plant through the top of Membrane roofs or decks if this is required then use a plinith detail provides the fixing by other trades are kept off the main deck flood area.
Viking Roofspec recommend that any fixing of plant is kept independent of the membrane roof ideally through vertical surfaces such as parapets.
All Fixings must be sealed

NOTE:
Viking Roofspec or our Approved Applicators do not warranty fixings installed by other trades.



Viking Roofspec
Taking care of detail

DRAWING TITLE

Viking Torch-On
Penetration_Plinth for concrete or timber

NOTES:

- Viking Waterproof Membrane as notated can be Viking Gemini, Lybra or Phoenix Super.
- All fixings, cladding and structure are indicative only unless notated.

CodeMark
Cert # GM-CM30092

Viking Torch-On systems are CodeMarked

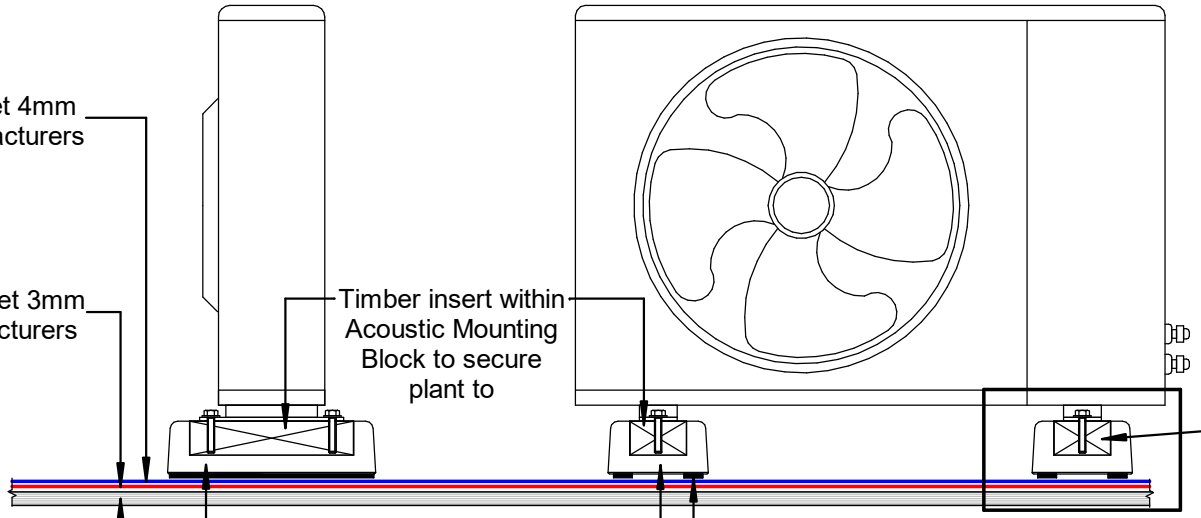
DRAWING
INFORMATION ONLY

Scale:	Date:	Drawn:	Viking
Not to Scale	23/11/2020		

Detail Ref: VIK_TOR_013_PENEPLIN

Viking Roofspec, Otara, P.O.Box 14-541, Auckland 1741, New Zealand, **Telephone** 0800 729 799, **Facsimile** 0800 729 788, **Website** www.vikingroofspec.co.nz

NOTE:
Substrate to comply with current Viking Roofspec Masterspec specification
Substrate Checksheet available from
www.vikingroofspec.co.nz



Roofspec Viking
Taking care of detail

DRAWING TITLE

Viking Torch-On
Penetration_Acoustic Mounting Block

NOTES:

- Viking Waterproof Membrane as notated can be Viking Gemini, Lybra or Phoenix Super.
- All fixings, cladding and structure are indicative only unless notated.

CODEMARK™
Cert # GM-CM30092

Viking Torch-On systems are CodeMarked

DRAWING
INFORMATION ONLY

Scale:	Date:	Drawn:	Viking
Not to Scale	23/11/2020		

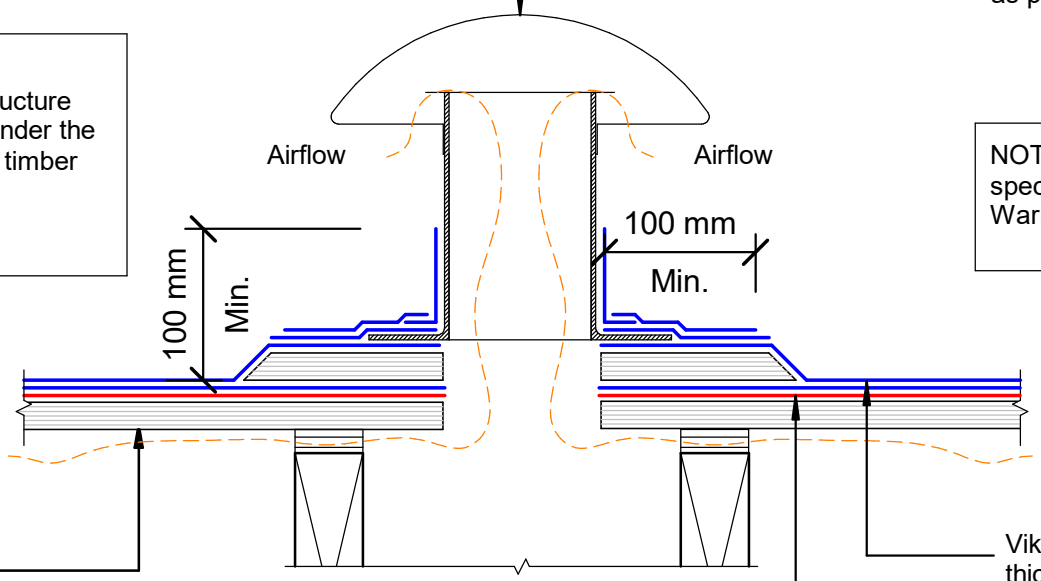
Detail Ref: **VIK_TOR_014_PENEACOU**

Viking Roofspec, Otara, P.O.Box 14-541, Auckland 1741, New Zealand, **Telephone** 0800 729 799, **Facsimile** 0800 729 788, **Website** www.vikingroofspec.co.nz

NOTE: How many vents?
Refer Viking Technical Note Venting .

NOTE: Refer TOR_004 for Direction of Plinth to watershed

NOTE:
Ensure cross-ventilation within the roof structure E.G. use of a Castellated Batten directly under the Ply substrate or drill 20mm holes at top of timber supports



Viking 215mm high roof vent IMV111 with black dome, installed as per manufacturers instructions.

NOTE: Venting not required if specifying Viking WarmRoof or WarmSpan systems

Viking Torch-on CAP sheet 4mm thick, install as per manufacturers instructions

Viking Torch-on BASE sheet 3mm thick, install as per manufacturers instructions

NOTE:
Substrate to comply with current Viking Roofspec Masterspec specification
Substrate Checksheet available from www.vikingroofspec.co.nz

Roofspec Viking
Taking care of detail

DRAWING TITLE

Viking Torch-On
Ventilation_Cavity Vent

NOTES:

- Viking Waterproof Membrane as notated can be Viking Gemini, Lybra or Phoenix Super.
- All fixings, cladding and structure are indicative only unless notated.

CODEMARK
Cert # GM-CM30092

Viking Torch-On systems are CodeMarked

DRAWING
INFORMATION ONLY

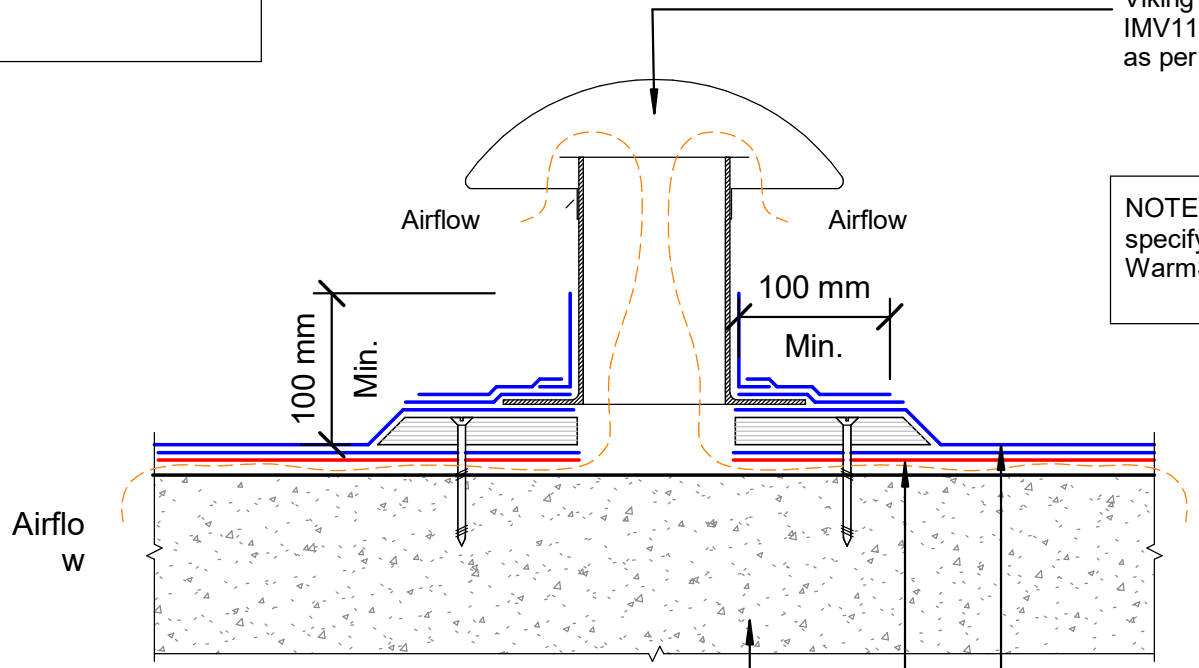
Scale:	Date:	Drawn:	Viking
Not to Scale	23/11/2020		

Detail Ref: VIK_TOR_020_VENTCAVI

Viking Roofspec, Otara, P.O.Box 14-541, Auckland 1741, New Zealand, **Telephone** 0800 729 799, **Facsimile** 0800 729 788, **Website** www.vikingroofspec.co.nz

NOTE: How many vents?
Refer Viking Technical Note Venting .

NOTE: Refer TOR_004 for Direction of Plinth to watershed



Viking 215mm high roof vent IMV111 with black dome, installed as per manufacturers instructions.

NOTE: Venting not required if specifying Viking WarmRoof or WarmSpan systems

Viking Torch-on CAP sheet 4mm thick, install as per manufacturers instructions

Viking Torch-on Isolink Vented Base Sheet 3mm thick, installed as per manufacturers instructions

NOTE:
Substrate to comply with current Viking Roofspec Masterspec specification
Substrate Checksheet available from www.vikingroofspec.co.nz

Roofspec Viking
Taking care of detail

DRAWING TITLE

Viking Torch-On
Ventilation_Substrate Roof vent for concrete

NOTES:

- Viking Waterproof Membrane as notated can be Viking Gemini, Lybra or Phoenix Super.
- All fixings, cladding and structure are indicative only unless notated.

CODEMARK™
Cert # GM-CM30092

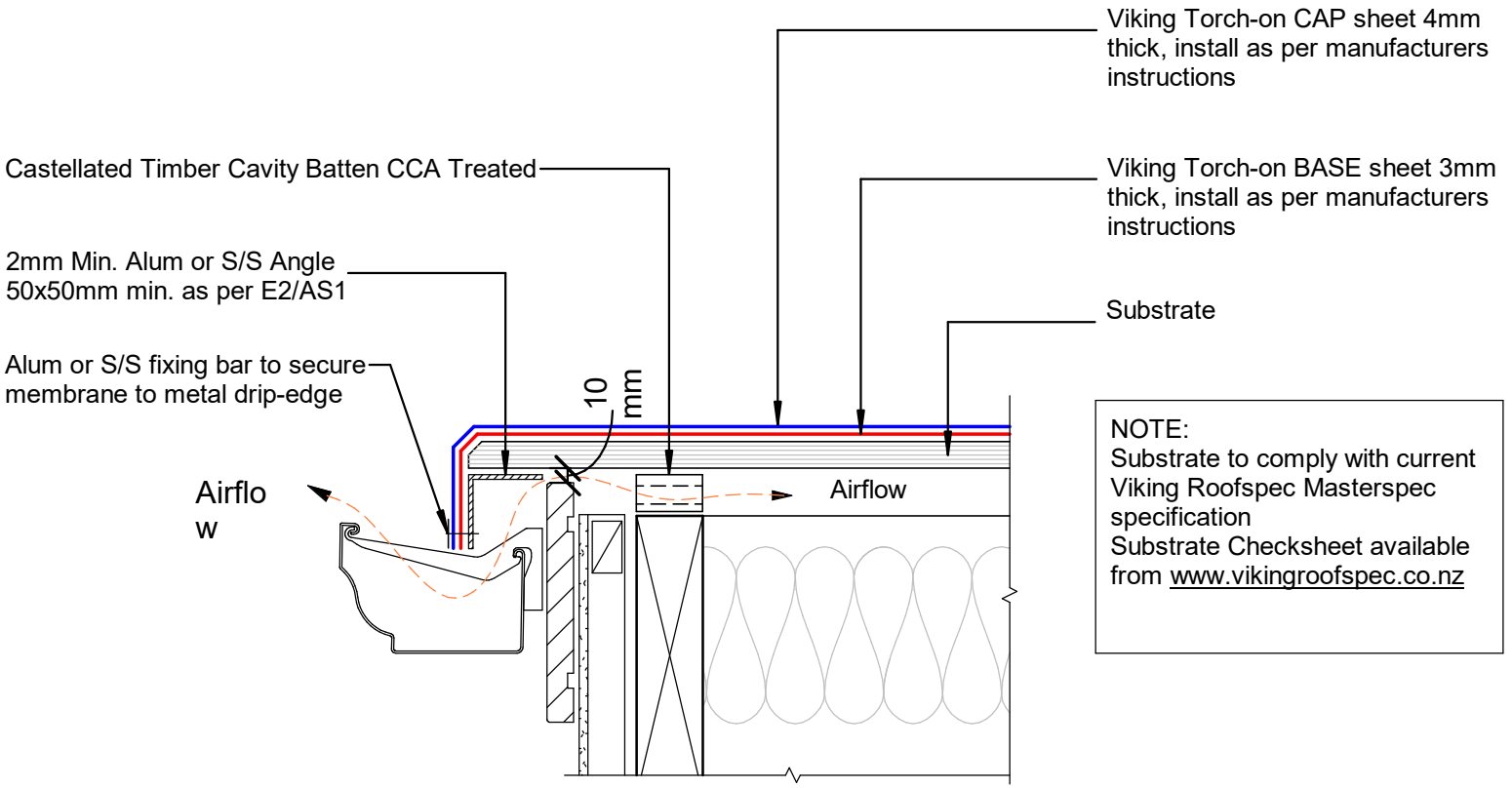
Viking Torch-On systems are CodeMarked

DRAWING
INFORMATION ONLY

Scale:	Date:	Drawn:	Viking
Not to Scale	23/11/2020		

Detail Ref: VIK_TOR_020C_VENTROOF

Viking Roofspec, Otara, P.O.Box 14-541, Auckland 1741, New Zealand, **Telephone** 0800 729 799, **Facsimile** 0800 729 788, **Website** www.vikingroofspec.co.nz



NOTE:
Substrate to comply with current Viking Roofspec Masterspec specification
Substrate Checksheet available from www.vikingroofspec.co.nz

NOTE:
E2.3.5 Concealed spaces and cavities in buildings must be constructed in a way that prevents external moisture being accumulated or transferred and causing condensation, fungal growth, or the degradation of building elements

NOTE: VENTING
Alternatively vent through Soffit or through top of roof with Viking Cavity Vents

Roofspec Viking
Taking care of detail

DRAWING TITLE

Viking Torch-On
Ventilation_Cavity vent at Drip edge

NOTES:

- Viking Waterproof Membrane as notated can be Viking Gemini, Lybra or Phoenix Super.
- All fixings, cladding and structure are indicative only unless notated.

CODEMARK™
Cert # GM-CM30092

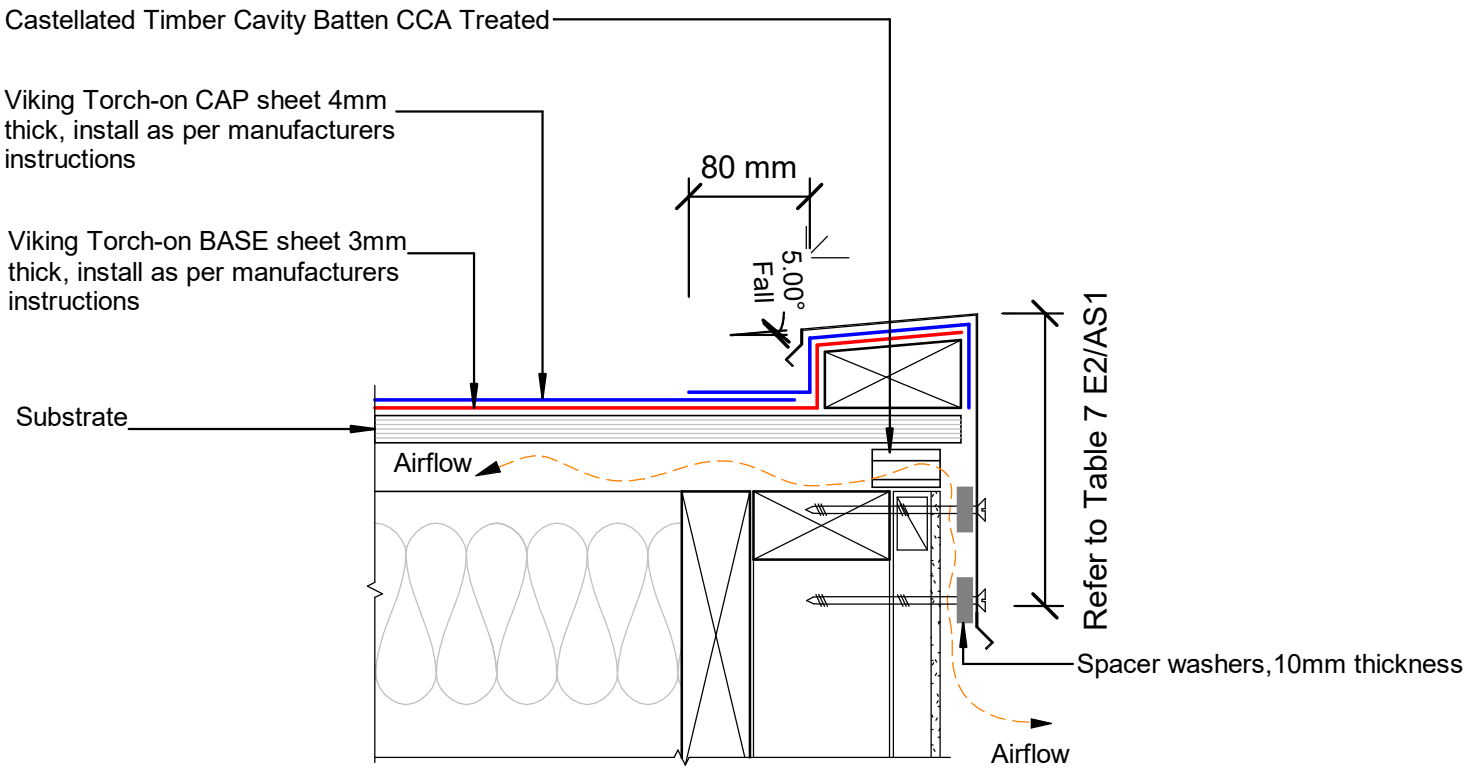
Viking Torch-On systems are CodeMarked

DRAWING
INFORMATION ONLY

Scale:	Date:	Drawn:	
Not to Scale	23/11/2020		Viking

Detail Ref: VIK_TOR_021_VENTDRIP

Viking Roofspec, Otara, P.O.Box 14-541, Auckland 1741, New Zealand, **Telephone** 0800 729 799, **Facsimile** 0800 729 788, **Website** www.vikingroofspec.co.nz



NOTE:
Substrate to comply with current Viking Roofspec Masterspec specification
Substrate Checksheet available from www.vikingroofspec.co.nz

NOTE: VENTING
Alternatively vent through Soffit or through top of roof with Viking Cavity Vents

Roofspec Viking
Taking care of detail

DRAWING TITLE

Viking Torch-On
Ventilation_Cavity vent at Parapet

NOTES:

- Viking Waterproof Membrane as notated can be Viking Gemini, Lybra or Phoenix Super.
- All fixings, cladding and structure are indicative only unless notated.

CODEMARK™
Cert # GM-CM30092

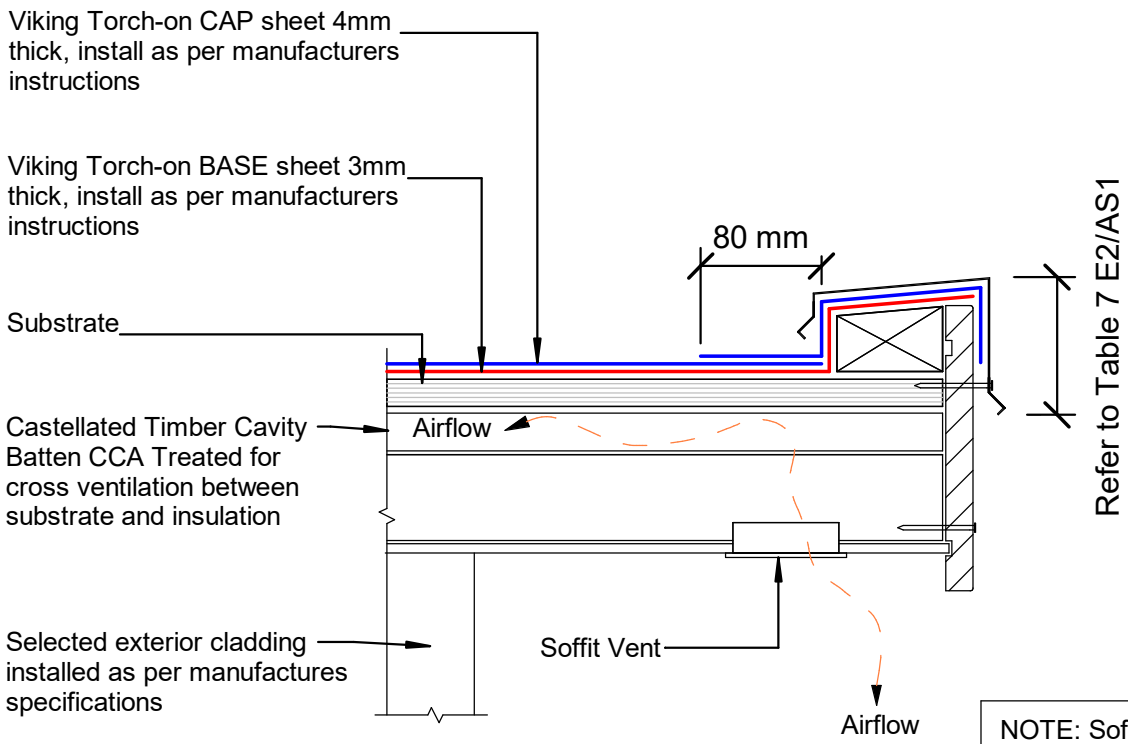
Viking Torch-On systems are CodeMarked

DRAWING
INFORMATION ONLY

Scale:	Date:	Drawn:	Viking
Not to Scale	23/11/2020		

Detail Ref: VIK_TOR_021A_VENTPAPA

Viking Roofspec, Otara, P.O.Box 14-541, Auckland 1741, New Zealand, **Telephone** 0800 729 799, **Facsimile** 0800 729 788, **Website** www.vikingroofspec.co.nz



NOTE: Soffit Vents may be louvre vents or others

NOTE: VENTING
Alternatively vent through Soffit or through top of roof with Viking Cavity Vents

NOTE:
Substrate to comply with current Viking Roofspec Masterspec specification
Substrate Checksheet available from www.vikingroofspec.co.nz

Viking Roofspec
Taking care of detail

DRAWING TITLE

Viking Torch-On Ventilation_Cavity vent through Soffit

NOTES:

- Viking Waterproof Membrane as notated can be Viking Gemini, Lybra or Phoenix Super.
- All fixings, cladding and structure are indicative only unless notated.

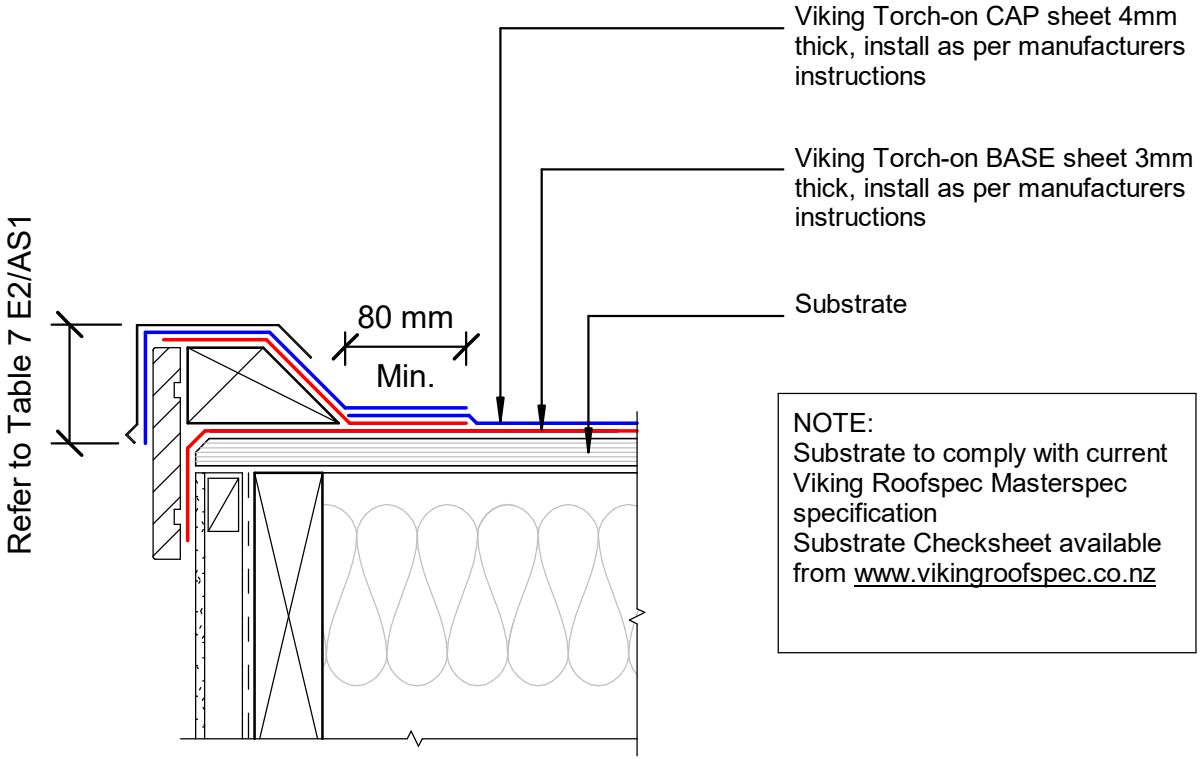
CodeMark™ Cert # GM-CM30092

Viking Torch-On systems are CodeMarked

DRAWING
INFORMATION ONLY

Scale:	Date:	Drawn:	Viking
Not to Scale	23/11/2020		

Detail Ref: **VIK_TOR_021B_VENTSOFF**



NOTE:
Substrate to comply with current Viking Roofspec Masterspec specification
Substrate Checksheet available from www.vikingroofspec.co.nz

Roofspec Viking
Taking care of detail

DRAWING TITLE

Viking Torch-On Verge_Barge

NOTES:

- Viking Waterproof Membrane as notated can be Viking Gemini, Lybra or Phoenix Super.
- All fixings, cladding and structure are indicative only unless notated.

CODEMARK™ Cert # GM-CM30092

Viking Torch-On systems are CodeMarked

DRAWING
INFORMATION ONLY

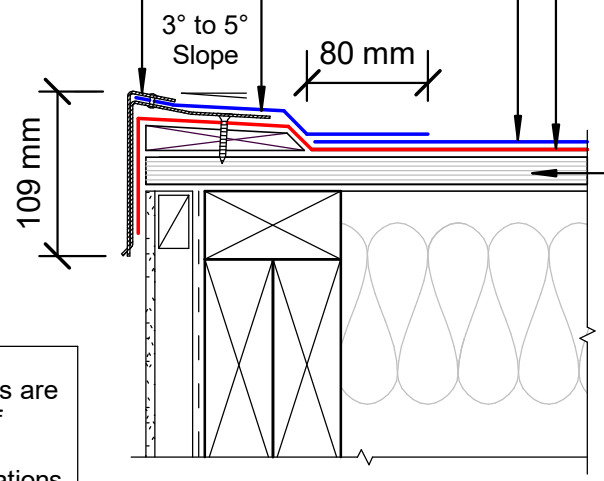
Scale:	Date:	Drawn:	Viking
Not to Scale	23/11/2020		

Detail Ref: **VIK_TOR_030_VERGBARG**

Viking Roofspec, Otara, P.O.Box 14-541, Auckland 1741, New Zealand, **Telephone** 0800 729 799, **Facsimile** 0800 729 788, **Website** www.vikingroofspec.co.nz

NOTE: Apply Solvent Based Bituminous Primer SES299

Viking Architectural Finishing Series IMT700/701 barge flashing, installed as per manufacturers instructions.



Viking Torch-on CAP sheet 4mm thick, install as per manufacturers instructions

Viking Torch-on BASE sheet 3mm thick, install as per manufacturers instructions

Substrate

NOTE: Viking AFS Barge Flashings are angled to suit 5° slope to the top of Parapet or Barge.
For slopes greater than 5° modifications to these flashings or allow 6 weeks pre-order with Roofspec.

NOTE:
Substrate to comply with current Viking Roofspec Masterspec specification
Substrate Checksheet available from www.vikingroofspec.co.nz

Roofspec Viking
Taking care of detail

DRAWING TITLE

Viking Torch-On Verge_Barge with Low Profile AFS

NOTES:

- Viking Waterproof Membrane as notated can be Viking Gemini, Lybra or Phoenix Super.
- All fixings, cladding and structure are indicative only unless notated.

CodeMark™ Cert # GM-CM30092

Viking Torch-On systems are CodeMarked

DRAWING
INFORMATION ONLY

Scale:	Date:	Drawn:	Viking
Not to Scale	23/11/2020		

Detail Ref: **VIK_TOR_031_VERGBARG**

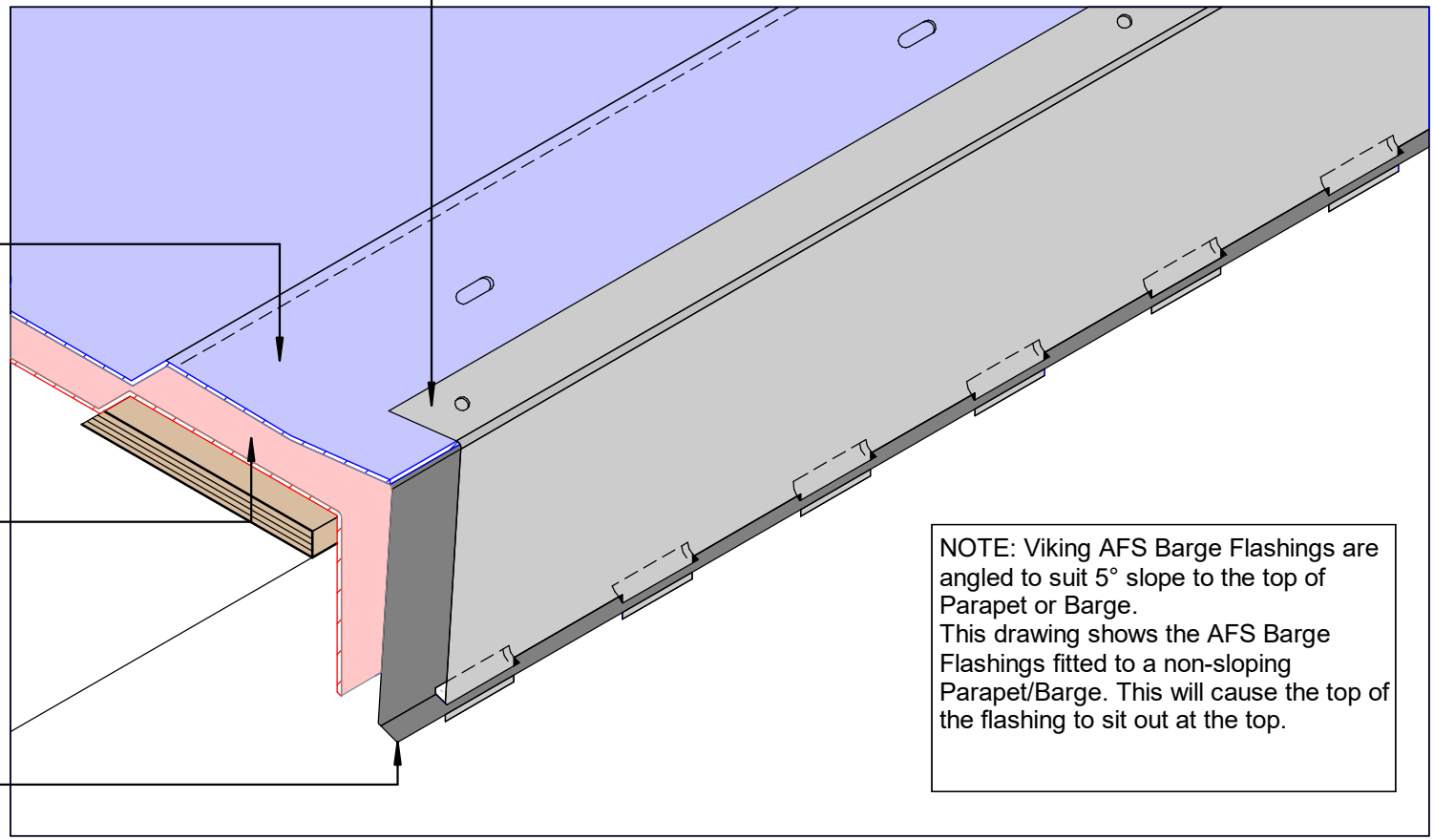
Viking Roofspec, Otara, P.O.Box 14-541, Auckland 1741, New Zealand, **Telephone** 0800 729 799, **Facsimile** 0800 729 788, **Website** www.vikingroofspec.co.nz

Viking Architectural Finishing Series IMT700 Cover - Flashing, Alum 1.6mm installed as per manufacturers instructions.

Viking Torch-on Cap Sheet 4mm thick, install as per manufacturers instructions.

Viking Torch-on Base Sheet 3mm thick, install as per manufacturers instructions.

Viking Architectural Finishing Series IMT701 Base - Flashing, Alum 1.6mm installed as per manufacturers instructions.



NOTE: Viking AFS Barge Flashings are angled to suit 5° slope to the top of Parapet or Barge.
This drawing shows the AFS Barge Flashings fitted to a non-sloping Parapet/Barge. This will cause the top of the flashing to sit out at the top.

NOTE:
Ref drawing TOR_031

Roofspec Viking
Taking care of detail

DRAWING TITLE

Viking Torch-On Verge_Barge with Low Profile AFS in ISOMETRIC

NOTES:

- Viking Waterproof Membrane as notated can be Viking Gemini, Lybra or Phoenix Super.
- All fixings, cladding and structure are indicative only unless notated.

CODEMARK™ Cert # GM-CM30092

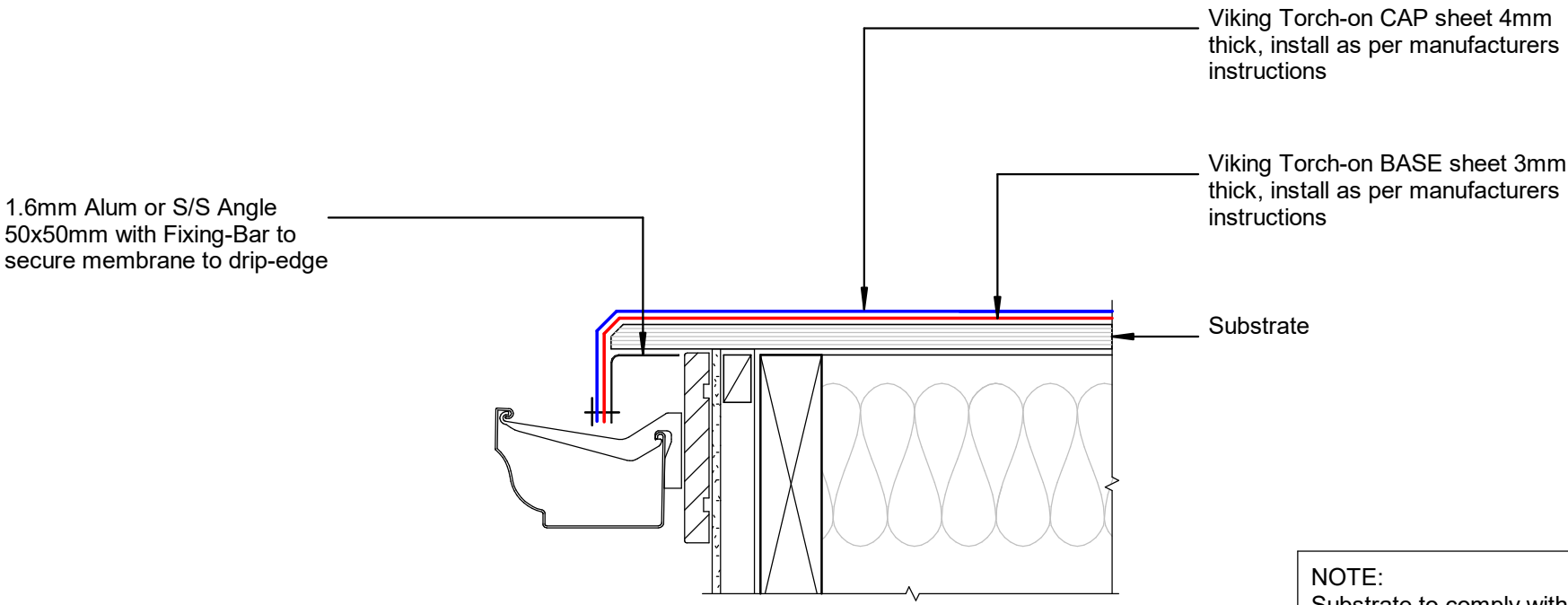
Viking Torch-On systems are CodeMarked

DRAWING
INFORMATION ONLY

Scale:	Date:	Drawn:	Viking
Not to Scale	23/11/2020		

Detail Ref:
VIK_TOR_031A_VERGBARG

Viking Roofspec, Otara, P.O.Box 14-541, Auckland 1741, New Zealand, **Telephone** 0800 729 799, **Facsimile** 0800 729 788, **Website** www.vikingroofspec.co.nz



NOTE:
Substrate to comply with current Viking Roofspec Masterspec specification
Substrate Checksheet available from www.vikingroofspec.co.nz

Viking Roofspec
Taking care of detail

DRAWING TITLE

Viking Torch-On
Verge_Drip edge to External Spouting

NOTES:

- Viking Waterproof Membrane as notated can be Viking Gemini, Lybra or Phoenix Super.
- All fixings, cladding and structure are indicative only unless notated.

CodeMark™
Cert # GM-CM30092

Viking Torch-On systems are CodeMarked

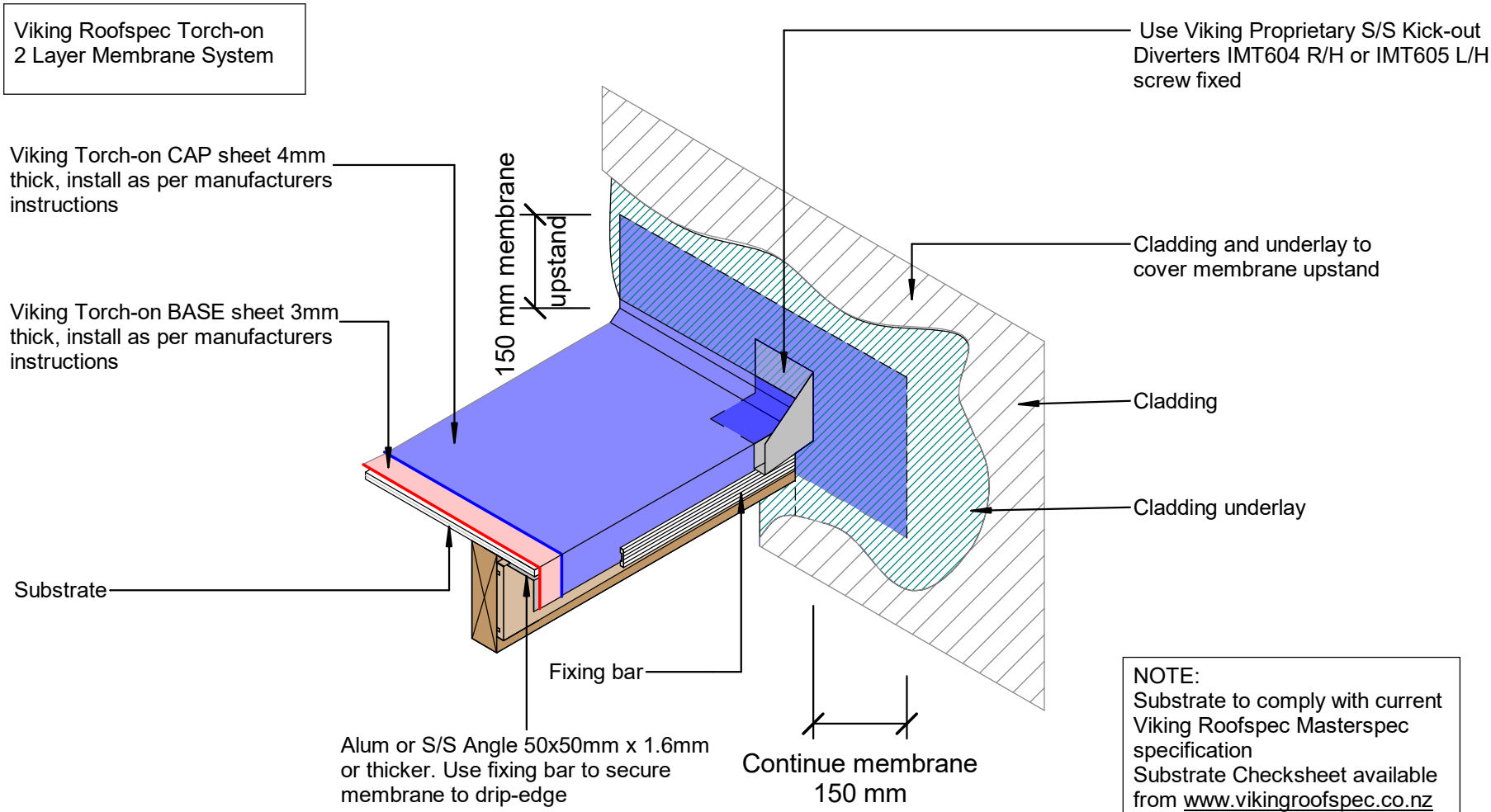
DRAWING
INFORMATION ONLY

Scale:	Date:	Drawn:	
Not to Scale	23/11/2020		Viking

Detail Ref: **VIK_TOR_032_VERGDRIP**

Viking Roofspec, Otara, P.O.Box 14-541, Auckland 1741, New Zealand, **Telephone** 0800 729 799, **Facsimile** 0800 729 788, **Website** www.vikingroofspec.co.nz

Viking Roofspec Torch-on
2 Layer Membrane System



NOTE:
Substrate to comply with current Viking Roofspec Masterspec specification
Substrate Checksheet available from www.vikingroofspec.co.nz

DRAWING TITLE

Viking Torch-On
Verge_edge with wall continuing, Diverter for cladding.

NOTES:

- Viking Waterproof Membrane as notated can be Viking Gemini, Lybra or Phoenix Super.
- All fixings, cladding and structure are indicative only unless notated.

CodeMark Cert # GM-CM30092

Viking Torch-On systems are CodeMarked

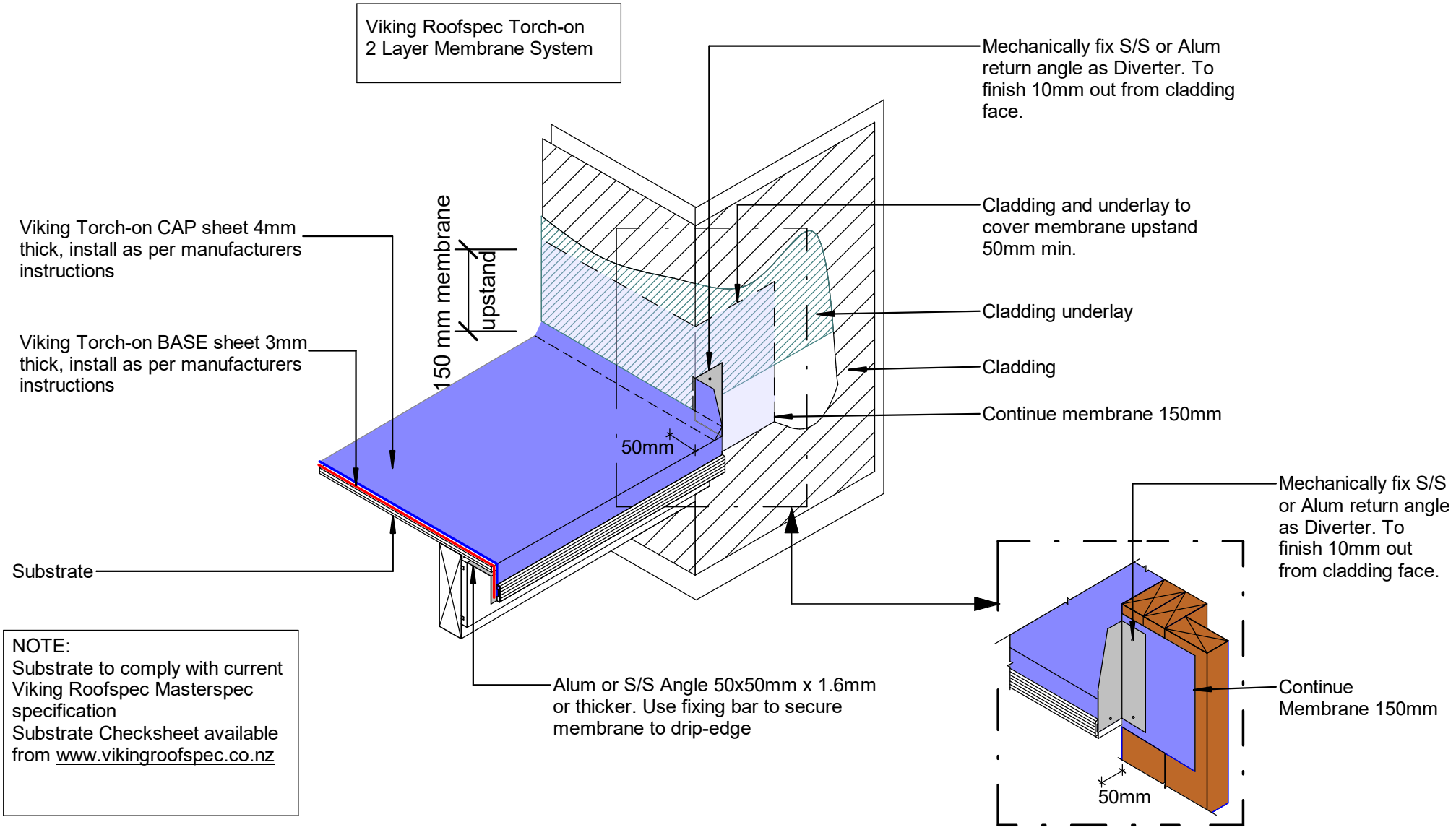
DRAWING
INFORMATION ONLY

Scale:	Date:	Drawn:	Viking
Not to Scale	23/11/2020		

Detail Ref: VIK_TOR_033_VERGEDGE

Viking Roofspec, Otara, P.O.Box 14-541, Auckland 1741, New Zealand, **Telephone** 0800 729 799, **Facsimile** 0800 729 788, **Website** www.vikingroofspec.co.nz

Viking Roofspec Torch-on
2 Layer Membrane System



NOTE:
Substrate to comply with current Viking Roofspec Masterspec specification
Substrate Checksheet available from www.vikingroofspec.co.nz

DRAWING TITLE

Viking Torch-On
Verge_edge with wall returning, Diverter for cladding

NOTES:

- Viking Waterproof Membrane as notated can be Viking Gemini, Lybra or Phoenix Super.
- All fixings, cladding and structure are indicative only unless notated.

CODEMARK™ Cert # GM-CM30092

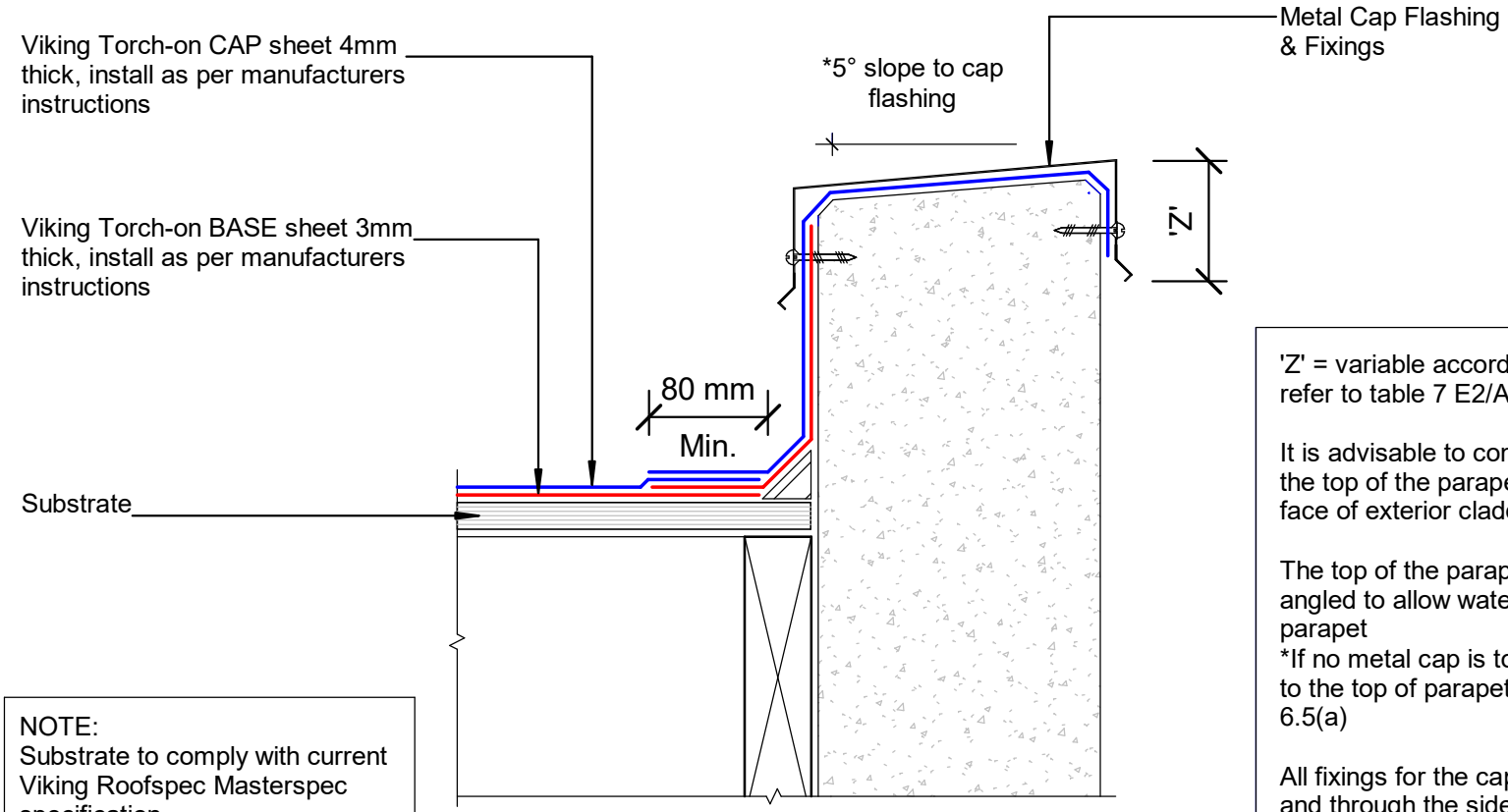
Viking Torch-On systems are CodeMarked

DRAWING
INFORMATION ONLY

Scale:	Date:	Drawn:	Viking
Not to Scale	23/11/2020		

Detail Ref: VIK_TOR_033A_VERGEDGE

Viking Roofspec, Otara, P.O.Box 14-541, Auckland 1741, New Zealand, **Telephone** 0800 729 799, **Facsimile** 0800 729 788, **Website** www.vikingroofspec.co.nz



NOTE:
Substrate to comply with current Viking Roofspec Masterspec specification
Substrate Checksheet available from www.vikingroofspec.co.nz

'Z' = variable according to wind zone,please refer to table 7 E2/AS1

It is advisable to continue the membrane over the top of the parapet and finish over the front face of exterior cladding

The top of the parapet substrate, must be angled to allow water to run off the top of the parapet
*If no metal cap is to be used, then a 10° slope to the top of parapet is required. Refer E2/AS1 6.5(a)

All fixings for the cap flashing, must be sealed and through the side of the flashing.

Viking Roofspec
Taking care of detail

DRAWING TITLE

Viking Torch-On Parapet_with Cap

NOTES:

- Viking Waterproof Membrane as notated can be Viking Gemini, Lybra or Phoenix Super.
- All fixings, cladding and structure are indicative only unless notated.

CodeMark
Cert # GM-CM30092

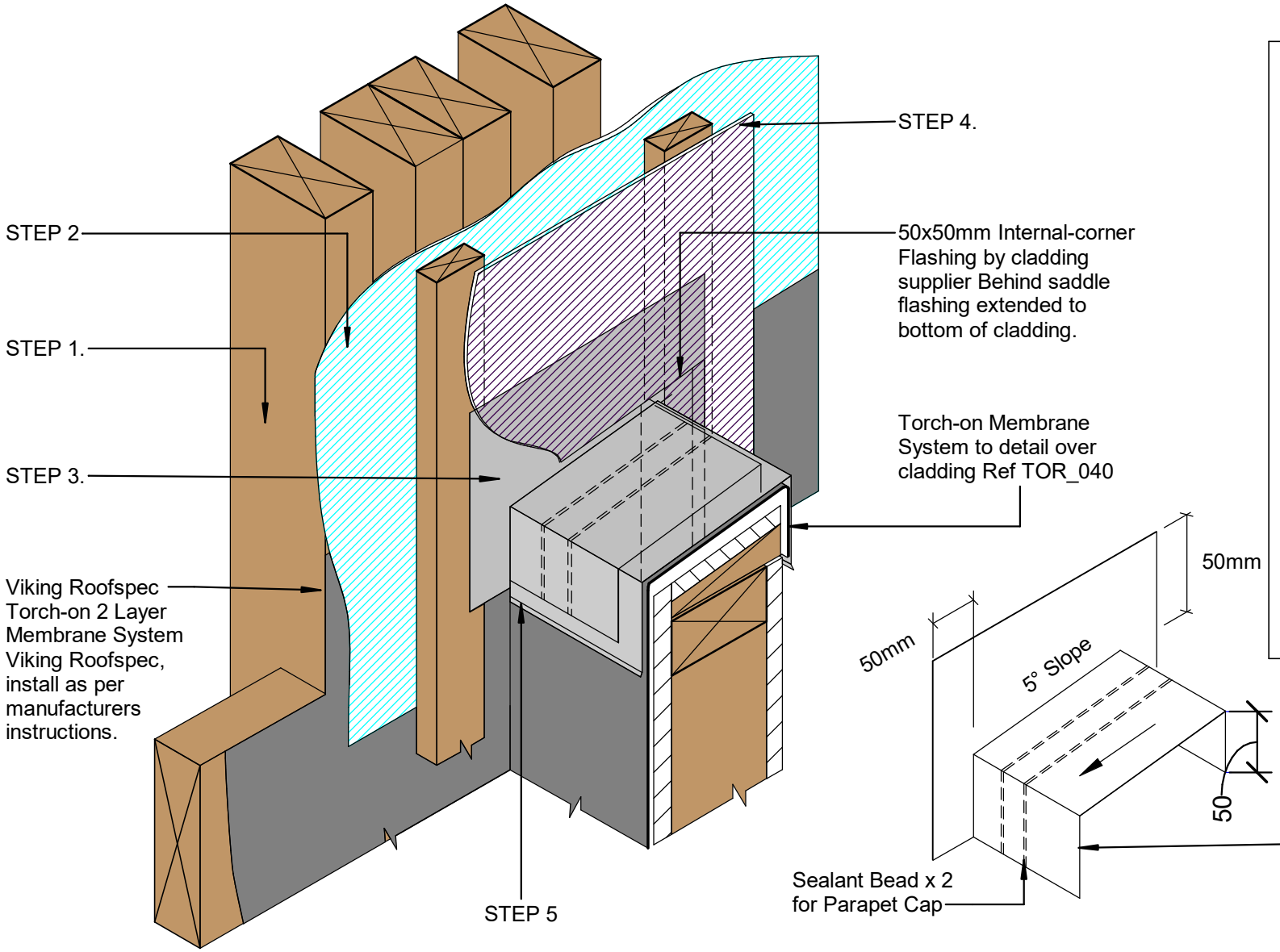
Viking Torch-On systems are CodeMarked

DRAWING
INFORMATION ONLY

Scale:	Date:	Drawn:	Viking
Not to Scale	23/11/2020		

Detail Ref: **VIK_TOR_040_PARACAP**

Viking Roofspec, Otara, P.O.Box 14-541, Auckland 1741, New Zealand, **Telephone** 0800 729 799, **Facsimile** 0800 729 788, **Website** www.vikingroofspec.co.nz



STEP

STEP 1. 2 layer Torch-on System behind cavity batten fully supported by substrate plywood or timber. Finish 150mm over & beyond the parapet junction

STEP 2. Wall Underlay behind cavity. Finish over membrane

STEP 3. *Saddle Flashing over cavity batten, directly behind cladding, refer Fig12 E2/AS1

STEP 4. Cladding to seal to saddle flashing

STEP 5. Metal Cap flashing to seal to saddle flashing

Viking Roofspec
Taking care of detail

DRAWING TITLE

Viking Torch-On
Parapet_Parapet meets wall

NOTES:

- Viking Waterproof Membrane as notated can be Viking Gemini, Lybra or Phoenix Super.
- All fixings, cladding and structure are indicative only unless notated.

CODEMARK™
Cert # GM-CM30092

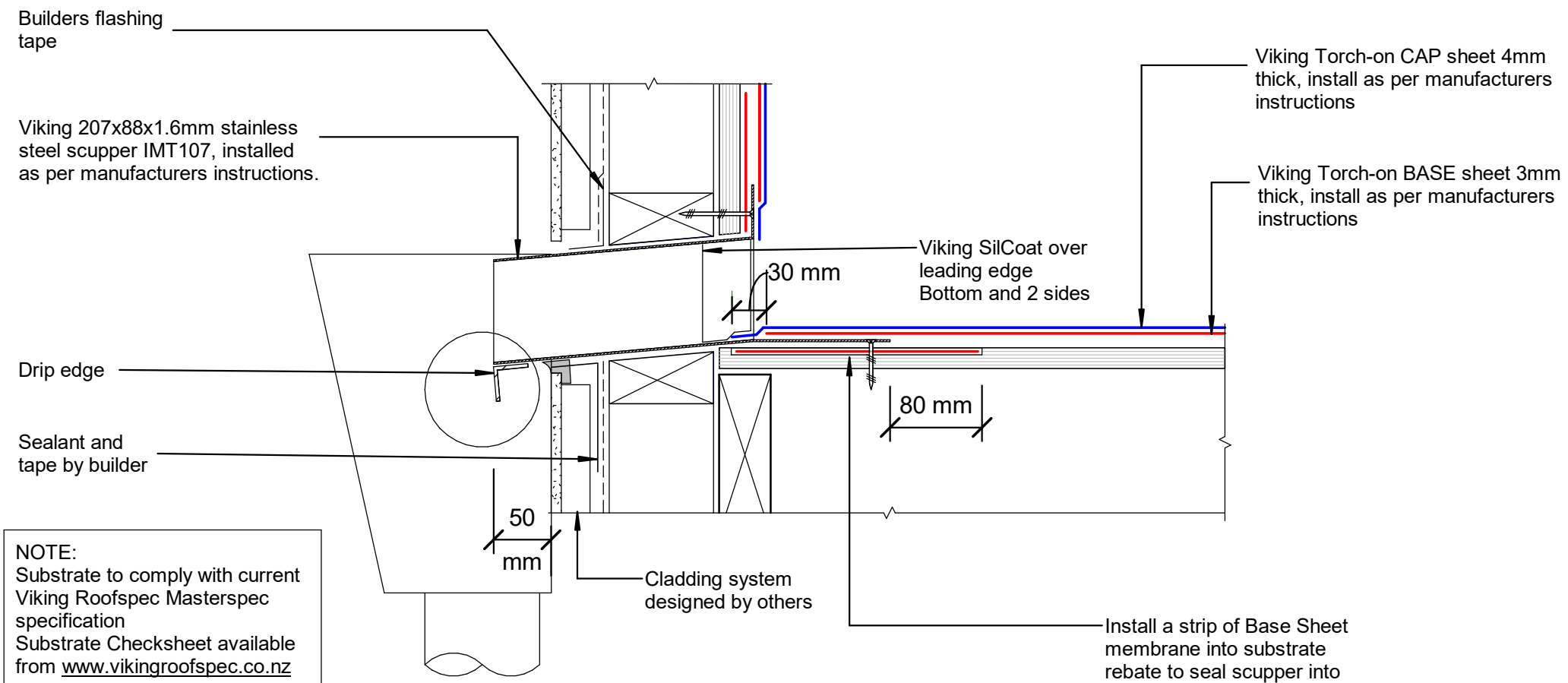
Viking Torch-On systems are CodeMarked

DRAWING
INFORMATION ONLY

Scale:	Date:	Drawn:	Viking
Not to Scale	23/11/2020		

Detail Ref:
VIK_TOR_040A_PARAWALL

Viking Roofspec, Otara, P.O.Box 14-541, Auckland 1741, New Zealand, **Telephone** 0800 729 799, **Facsimile** 0800 729 788, **Website** www.vikingroofspec.co.nz



NOTE:
Substrate to comply with current Viking Roofspec Masterspec specification
Substrate Checksheet available from www.vikingroofspec.co.nz

Roofspec Viking
Taking care of detail

DRAWING TITLE

Viking Torch-On Parapet_ with scupper outlet

NOTES:

- Viking Waterproof Membrane as notated can be Viking Gemini, Lybra or Phoenix Super.
- All fixings, cladding and structure are indicative only unless notated.

CodeMark™ Cert # GM-CM30092

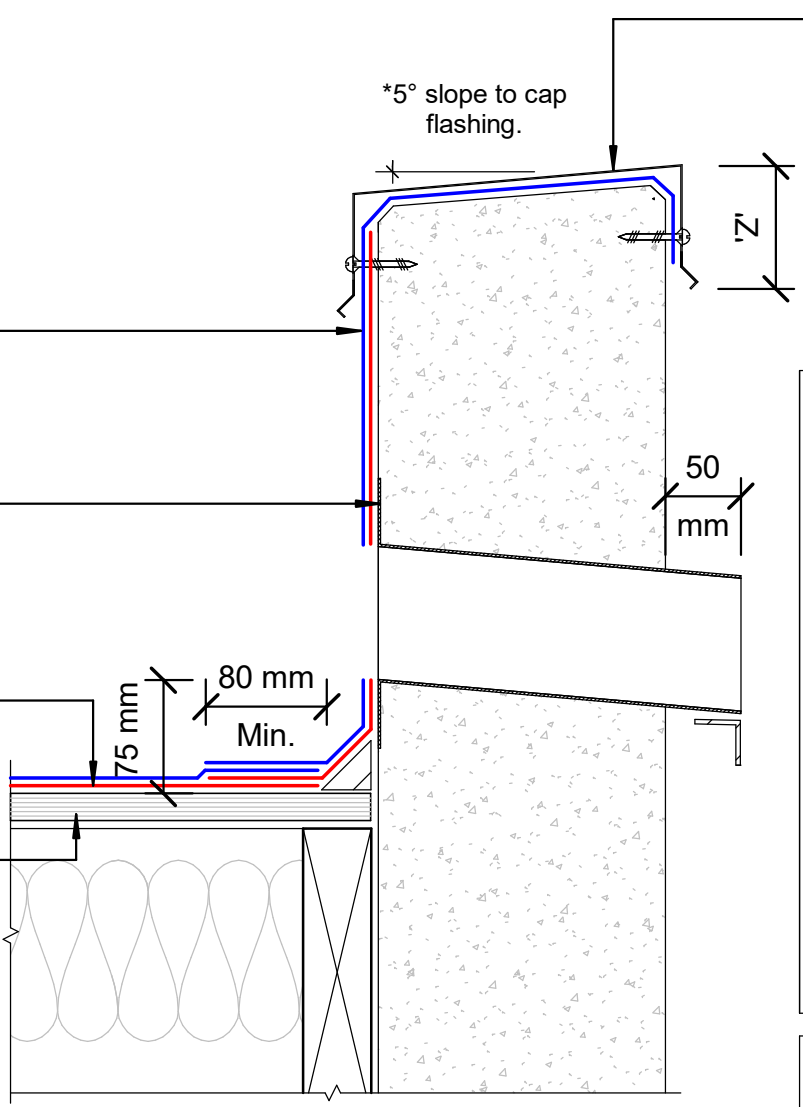
Viking Torch-On systems are CodeMarked

DRAWING
INFORMATION ONLY

Scale:	Date:	Drawn:	Viking
Not to Scale	23/11/2020		

Detail Ref: **VIK_TOR_041_PARASCUP**

Viking Roofspec, Otara, P.O.Box 14-541, Auckland 1741, New Zealand, **Telephone** 0800 729 799, **Facsimile** 0800 729 788, **Website** www.vikingroofspec.co.nz



NOTE:
Substrate to comply with current Viking Roofspec Masterspec specification
Substrate Checksheet available from www.vikingroofspec.co.nz

'Z' = variable according to wind zone,please refer to table 7 E2/AS1

Viking Roofspec recommend that the membrane extends across the top of the parapet and down the front face of the cladding

The top of the parapet substrate, must be angled to allow water to run off the top of the parapet
*If no metal cap is to be used, then a 10° slope to the top of parapet is required. Refer E2/AS1 6.5(a)

All fixings for the cap flashing, must be sealed and through the side of the flashing.

NOTE: Where Parapet meets wall refer TOR_40A

Roofspec Viking
Taking care of detail

DRAWING TITLE

Viking Torch-On
Parapet_with overflow

NOTES:

- Viking Waterproof Membrane as notated can be Viking Gemini, Lybra or Phoenix Super.
- All fixings, cladding and structure are indicative only unless notated.

CODEMARK
Cert # GM-CM30092

Viking Torch-On systems are CodeMarked

DRAWING
INFORMATION ONLY

Scale:	Date:	Drawn:	Viking
Not to Scale	23/11/2020		

Detail Ref: VIK_TOR_042_PARAOVER

Viking Roofspec, Otara, P.O.Box 14-541, Auckland 1741, New Zealand, **Telephone** 0800 729 799, **Facsimile** 0800 729 788, **Website** www.vikingroofspec.co.nz

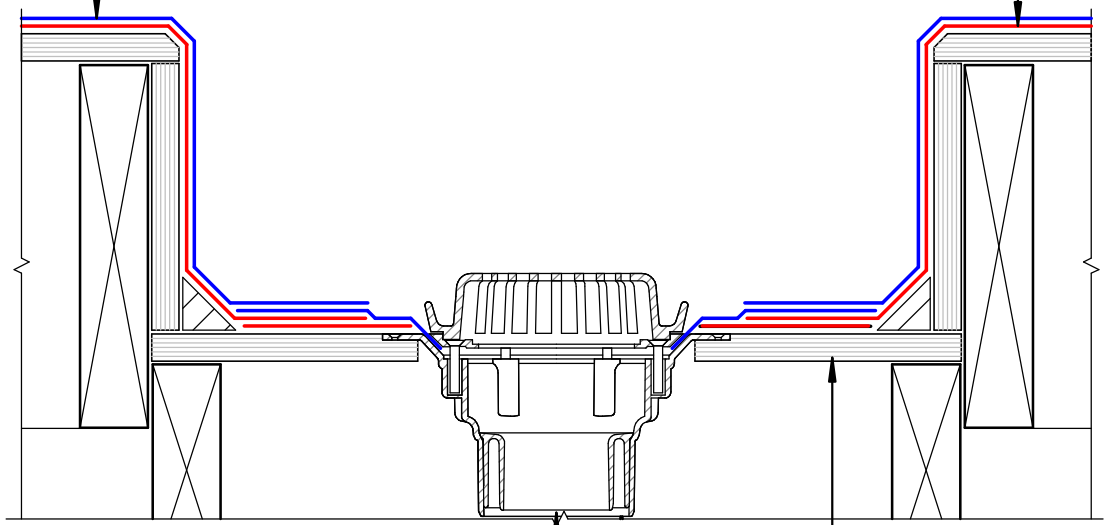
NOTE: It is Viking Roofspecs view that Internal Gutters can be eliminated in many cases.
In doing so you could reduce the overall heights or increase roof falls while reducing risk and details.
To find out more refer to Detail Notes_Best Practice Design in Membrane Roofing

Viking Torch-on CAP sheet 4mm thick, install as per manufacturers instructions

300mm Min. Gutter width. Falls at 1:100,

Refer E2/AS1 paragraphs 8.5.6 and 8.5.10 figures. 64b & 64c

Viking Torch-on BASE sheet 3mm thick, install as per manufacturers instructions



Substrate

Viking 80mmØ clamped drain SDM049 with 304 S/S domed grate, installed as per manufacturers instructions.

NOTE:
Substrate to comply with current Viking Roofspec Masterspec specification
Substrate Checksheet available from
www.vikingroofspec.co.nz

Roofspec Viking
Taking care of detail

DRAWING TITLE

Viking Torch-On
Internal Gutter_with outlet

NOTES:

- Viking Waterproof Membrane as notated can be Viking Gemini, Lybra or Phoenix Super.
- All fixings, cladding and structure are indicative only unless notated.

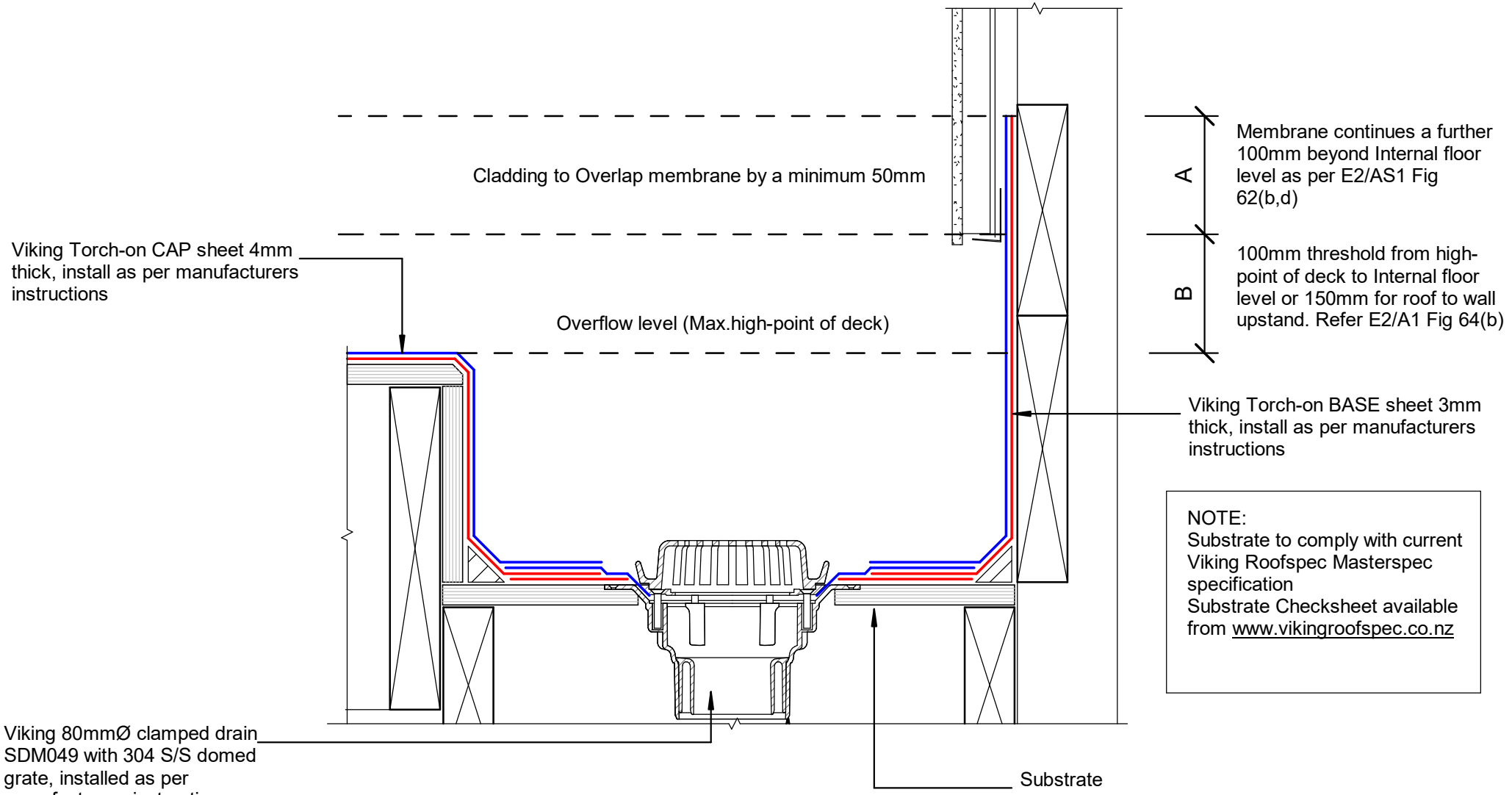
CodeMark
Cert # GM-CM30092

Viking Torch-On systems are CodeMarked

DRAWING
INFORMATION ONLY

Scale:	Date:	Drawn:	Viking
Not to Scale	23/11/2020		

Detail Ref: **VIK_TOR_050_GUTTOUTL**



Roofspec Viking
Taking care of detail

DRAWING TITLE

Viking Torch-On Internal Gutter_to Wall

NOTES:

- Viking Waterproof Membrane as notated can be Viking Gemini, Lybra or Phoenix Super.
- All fixings, cladding and structure are indicative only unless notated.

CODEMARK™
Cert # GM-CM30092

Viking Torch-On systems are CodeMarked

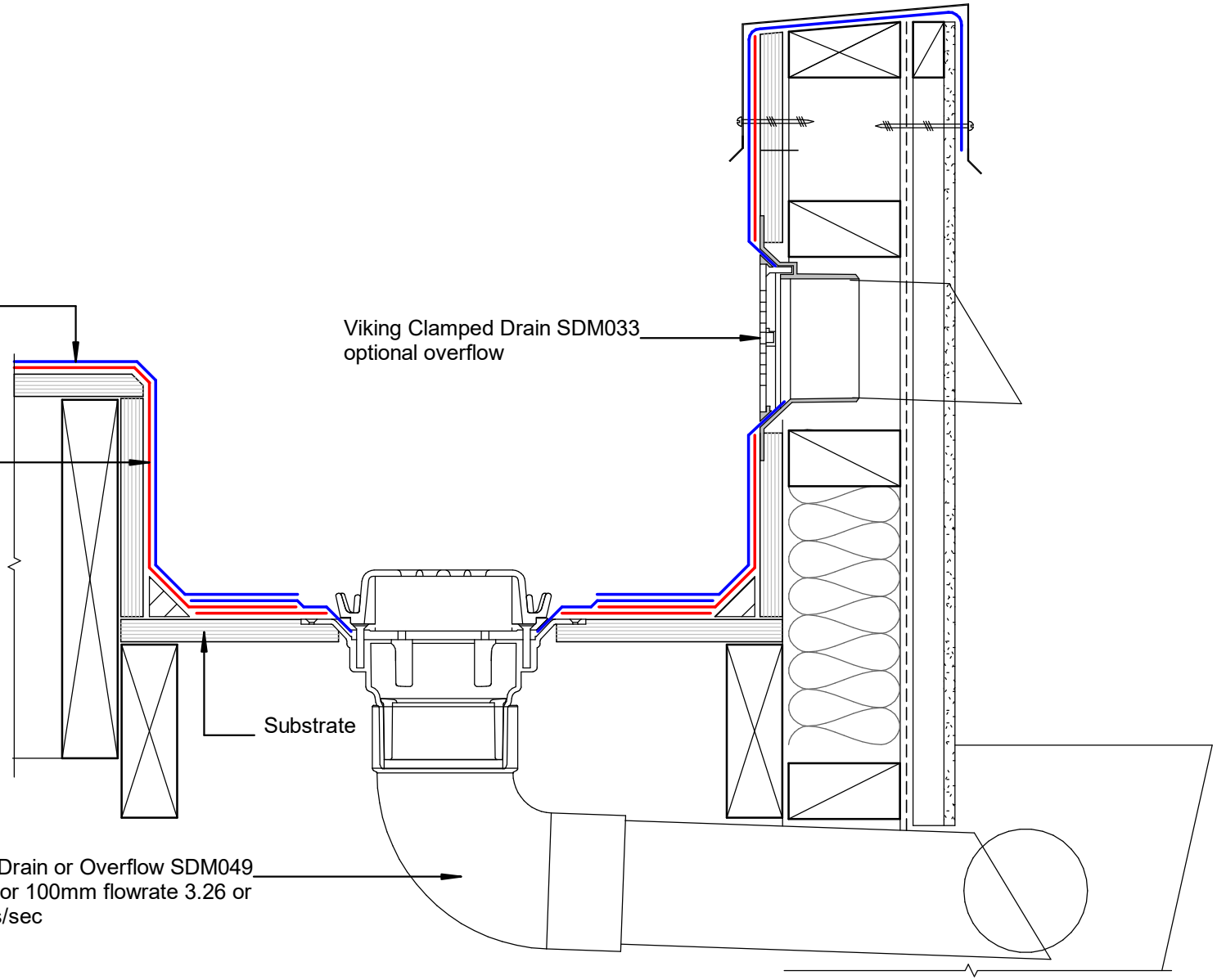
DRAWING
INFORMATION ONLY

Scale:	Date:	Drawn:	Viking
Not to Scale	23/11/2020		

Detail Ref: **VIK_TOR_051_GUTTWALL**

Viking Roofspec, Otara, P.O.Box 14-541, Auckland 1741, New Zealand, **Telephone** 0800 729 799, **Facsimile** 0800 729 788, **Website** www.vikingroofspec.co.nz

NOTE:
Substrate to comply with current Viking Roofspec Masterspec specification
Substrate Checksheet available from www.vikingroofspec.co.nz



Roofspec Viking
Taking care of detail

DRAWING TITLE

Viking Torch-On
Internal Gutter_with outlet / overflow

NOTES:

- Viking Waterproof Membrane as notated can be Viking Gemini, Lybra or Phoenix Super.
- All fixings, cladding and structure are indicative only unless notated.

CODEMARK™
Cert # GM-CM30092

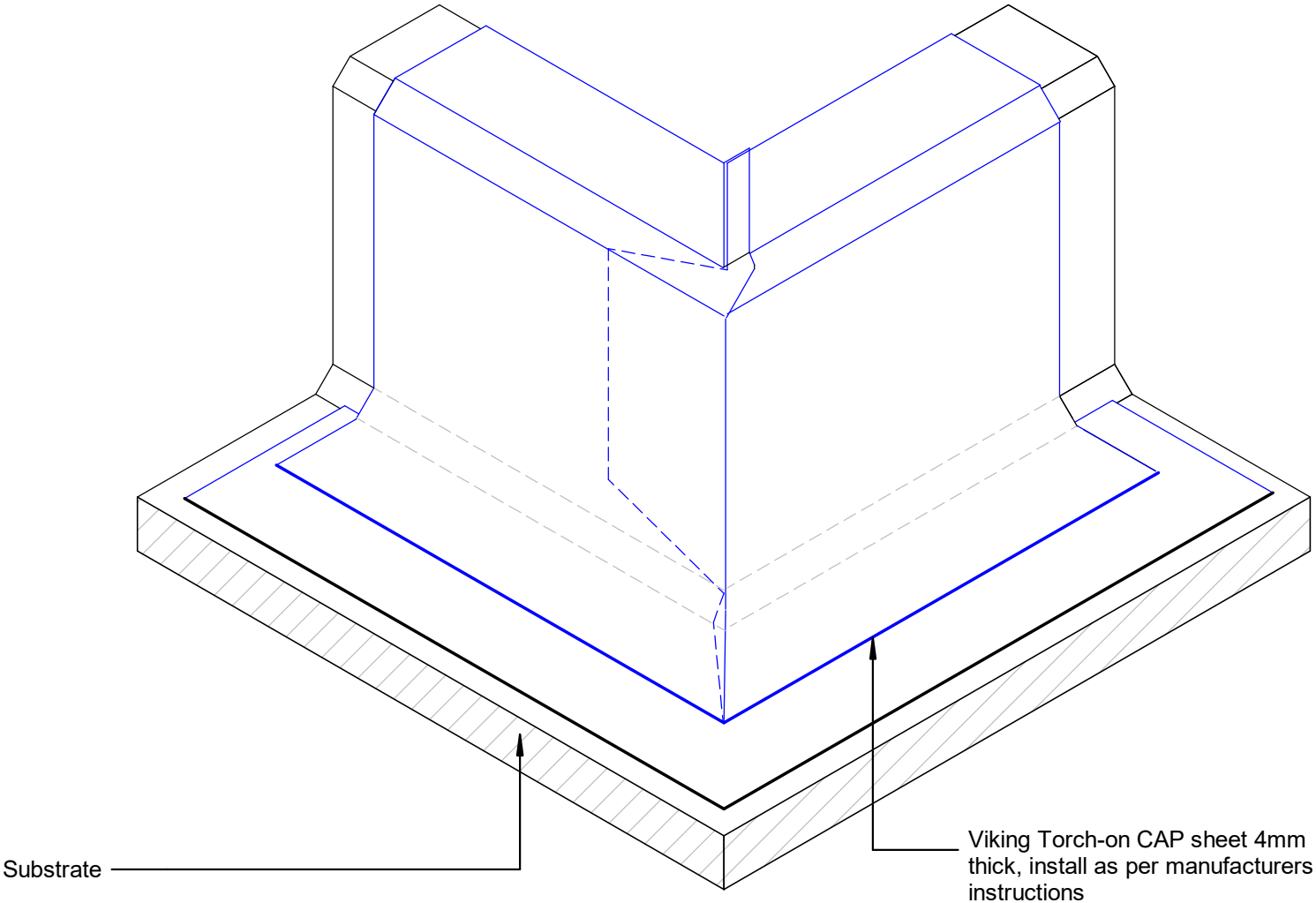
Viking Torch-On systems are CodeMarked

DRAWING
INFORMATION ONLY

Scale:	Date:	Drawn:	Viking
Not to Scale	23/11/2020		

Detail Ref: **VIK_TOR_052_GUTTWALL**

Viking Roofspec, Otara, P.O.Box 14-541, Auckland 1741, New Zealand, **Telephone** 0800 729 799, **Facsimile** 0800 729 788, **Website** www.vikingroofspec.co.nz



NOTE:
External corner tabs for the Cap Sheet must be installed in the opposite direction to the Base Sheet Layer

NOTE:
Install a min. 140mm dia. Gusset to the Fillet at the corner prior to detailing the Base Sheet Layer

NOTE:
Substrate to comply with current Viking Roofspec Masterspec specification Substrate Checksheet available from www.vikingroofspec.co.nz

Roofspec Viking
Taking care of detail

DRAWING TITLE

Viking Torch-On
Intersection_External corner

NOTES:

- Viking Waterproof Membrane as notated can be Viking Gemini, Lybra or Phoenix Super.
- All fixings, cladding and structure are indicative only unless notated.

CodeMark
Cert # GM-CM30092

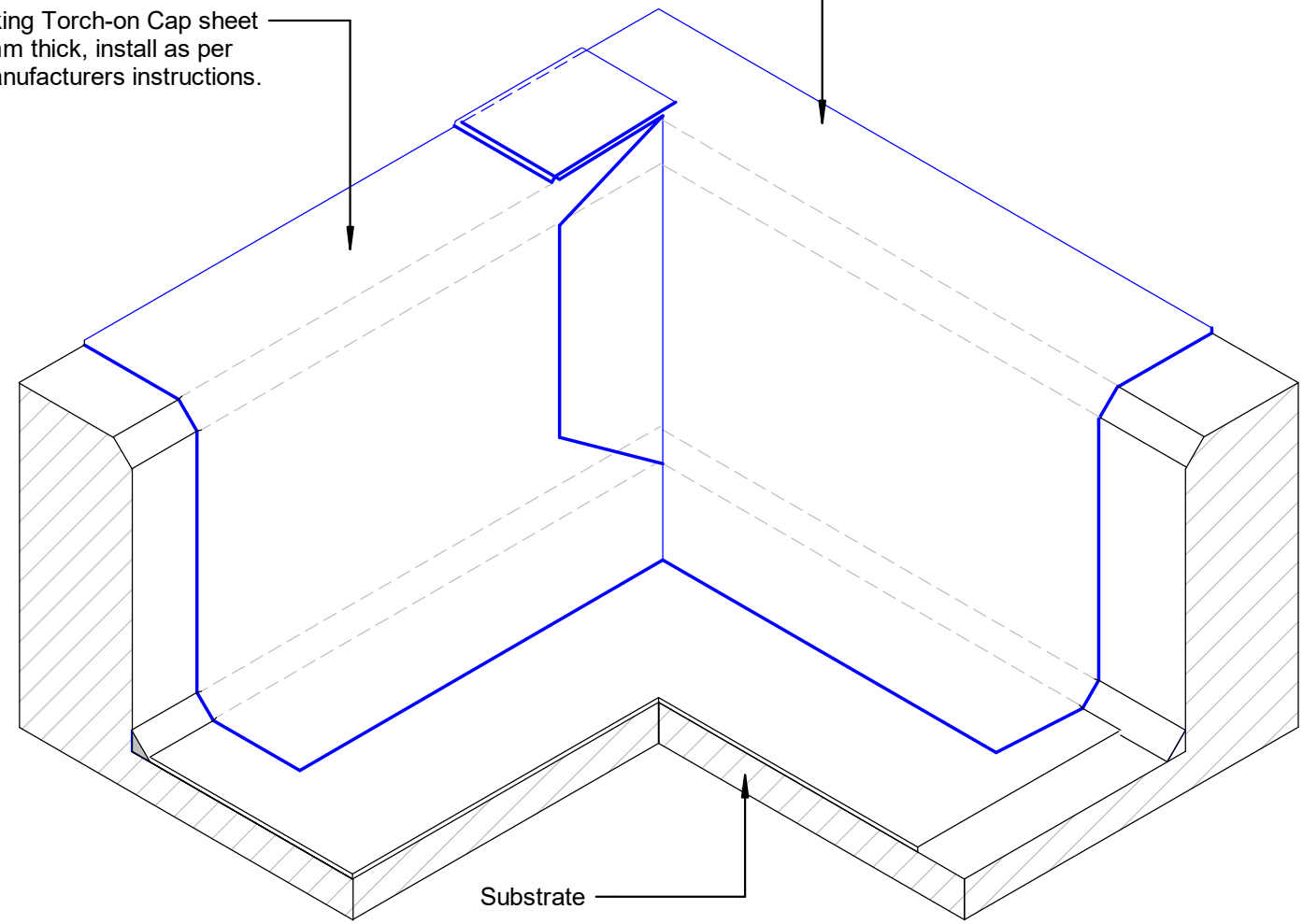
Viking Torch-On systems are CodeMarked

DRAWING
INFORMATION ONLY

Scale:	Date:	Drawn:	Viking
Not to Scale	23/11/2020		

Detail Ref: **VIK_TOR_060_INTSECRN**

Viking Roofspec, Otara, P.O.Box 14-541, Auckland 1741, New Zealand, **Telephone** 0800 729 799, **Facsimile** 0800 729 788, **Website** www.vikingroofspec.co.nz



NOTE:
For clarification this detail is repeated for Base Sheet and Cap Sheet

NOTE:
Internal corner tabs for Cap Sheet Layer must be installed in the opposite direction to the Base Sheet Layer

NOTE:
Install a min. 140mm dia. Gusset to the Fillet at the corner prior to detailing the Base Sheet Layer

NOTE:
Substrate to comply with current Viking Roofspec Masterspec specification
Substrate Checksheet available from
www.vikingroofspec.co.nz

Roofspec Viking
Taking care of detail

DRAWING TITLE

Viking Torch-On Intersection_Internal corner

NOTES:

- Viking Waterproof Membrane as notated can be Viking Gemini, Lybra or Phoenix Super.
- All fixings, cladding and structure are indicative only unless notated.

CodeMark
Cert # GM-CM30092

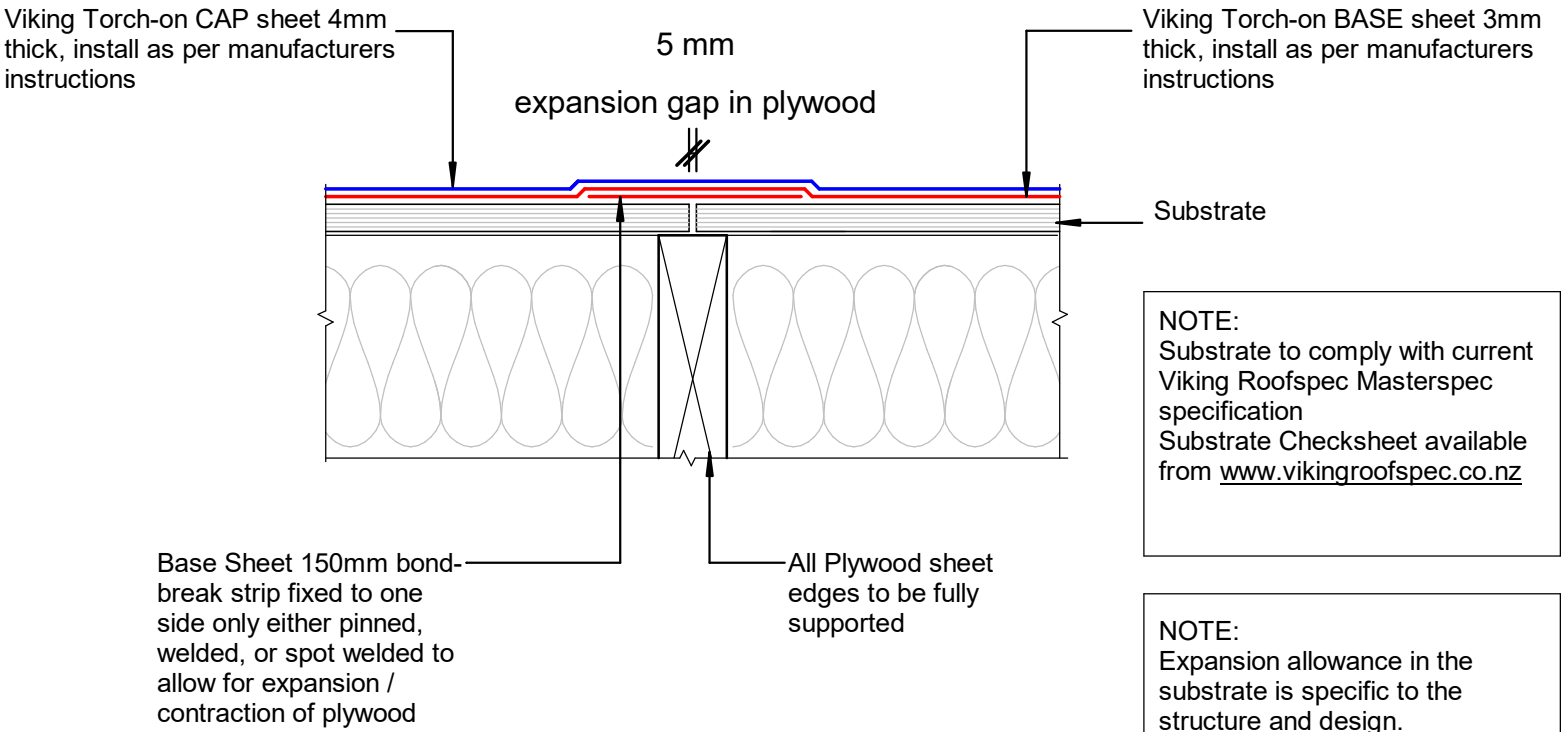
Viking Torch-On systems are CodeMarked

DRAWING
INFORMATION ONLY

Scale:	Date:	Drawn:	Viking
Not to Scale	23/11/2020		

Detail Ref: **VIK_TOR_061_INTSICNR**

Viking Roofspec, Otara, P.O.Box 14-541, Auckland 1741, New Zealand, **Telephone** 0800 729 799, **Facsimile** 0800 729 788, **Website** www.vikingroofspec.co.nz



NOTE:
Substrate to comply with current Viking Roofspec Masterspec specification
Substrate Checksheet available from www.vikingroofspec.co.nz

NOTE:
Expansion allowance in the substrate is specific to the structure and design.
These are to be determined by designer or engineer.

Viking Roofspec
Taking care of detail

DRAWING TITLE

Viking Torch-On
Intersection_Substrate Expansion

NOTES:

- Viking Waterproof Membrane as notated can be Viking Gemini, Lybra or Phoenix Super.
- All fixings, cladding and structure are indicative only unless notated.

CodeMark
Cert # GM-CM30092

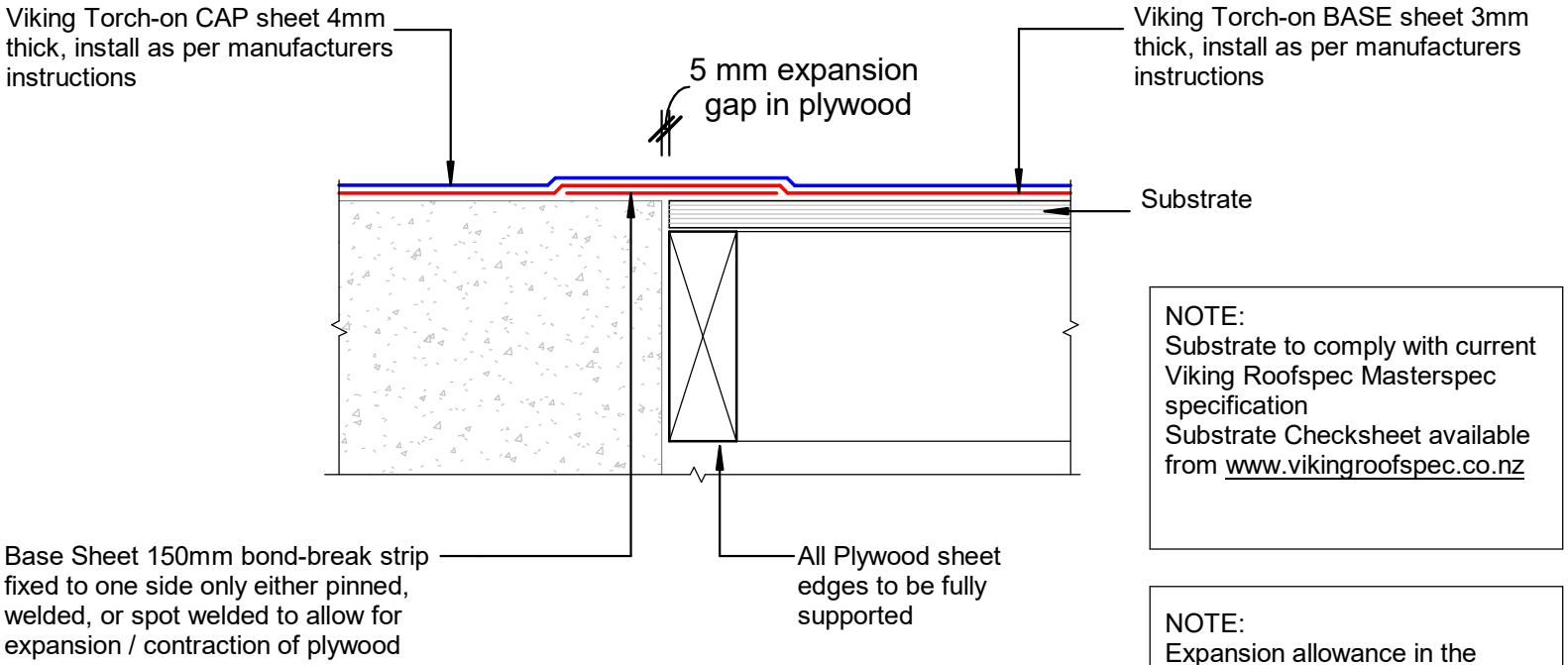
Viking Torch-On systems are CodeMarked

DRAWING
INFORMATION ONLY

Scale:	Date:	Drawn:	Viking
Not to Scale	23/11/2020		

Detail Ref: **VIK_TOR_062_INTSSUBS**

Viking Roofspec, Otara, P.O.Box 14-541, Auckland 1741, New Zealand, **Telephone** 0800 729 799, **Facsimile** 0800 729 788, **Website** www.vikingroofspec.co.nz



NOTE:
Substrate to comply with current Viking Roofspec Masterspec specification
Substrate Checksheet available from www.vikingroofspec.co.nz

NOTE:
Expansion allowance in the substrate is specific to the structure and design.
These are to be determined by designer or engineer.

Roofspec Viking
Taking care of detail

DRAWING TITLE

Viking Torch-On
Intersection_Substrate Expansion Ply to Concrete

NOTES:

- Viking Waterproof Membrane as notated can be Viking Gemini, Lybra or Phoenix Super.
- All fixings, cladding and structure are indicative only unless notated.

CODEMARK™
Cert # GM-CM30092

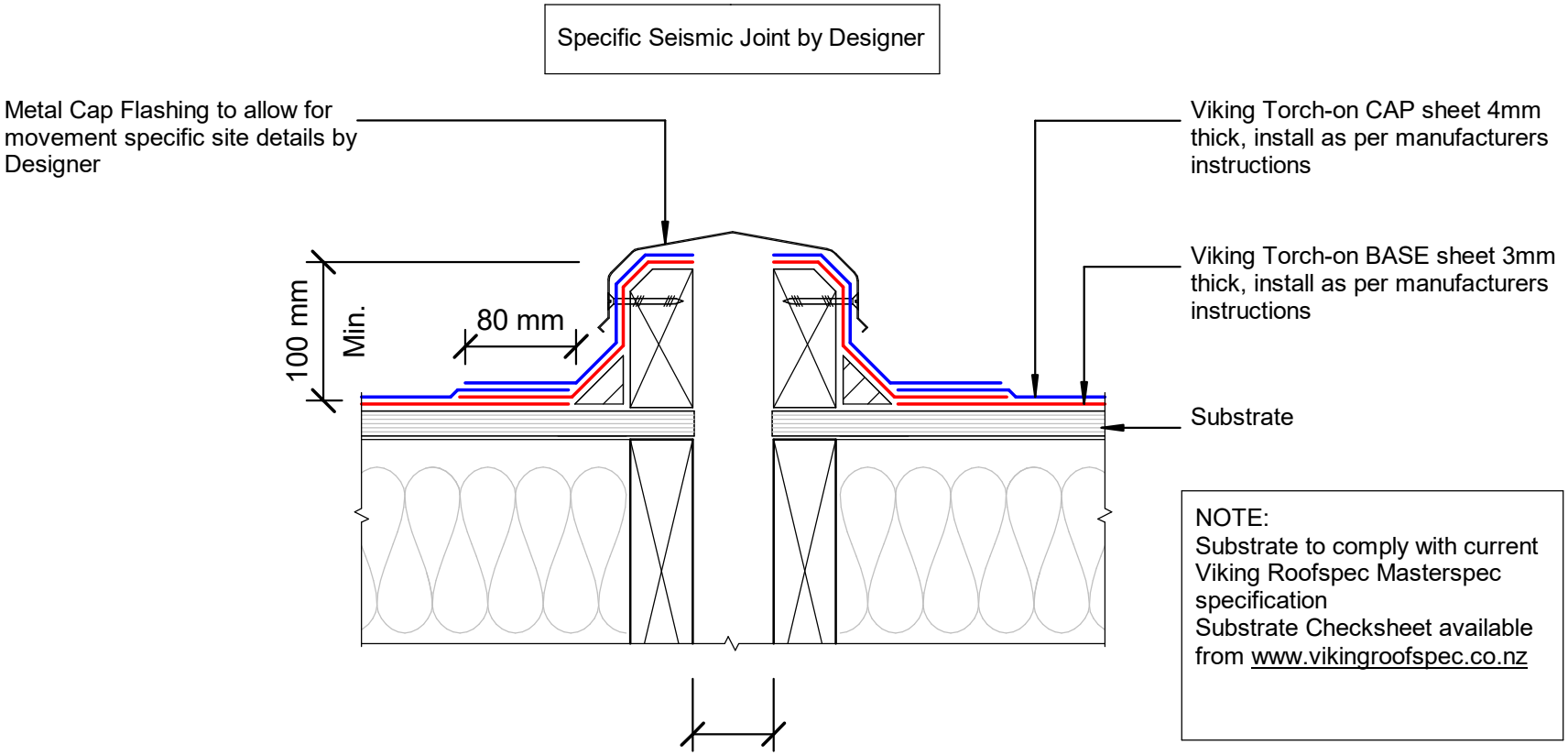
Viking Torch-On systems are CodeMarked

DRAWING
INFORMATION ONLY

Scale:	Date:	Drawn:	
Not to Scale	23/11/2020		Viking

Detail Ref: VIK_TOR_062A_INTSSUBS

Viking Roofspec, Otara, P.O.Box 14-541, Auckland 1741, New Zealand, **Telephone** 0800 729 799, **Facsimile** 0800 729 788, **Website** www.vikingroofspec.co.nz



Roofspec Viking
Taking care of detail

DRAWING TITLE

Viking Torch-On
Intersection_Seismic Gap Generic

NOTES:

- Viking Waterproof Membrane as notated can be Viking Gemini, Lybra or Phoenix Super.
- All fixings, cladding and structure are indicative only unless notated.

CODEMARK
Cert # GM-CM30092

Viking Torch-On systems are CodeMarked

DRAWING
INFORMATION ONLY

Scale:	Date:	Drawn:	Viking
Not to Scale	23/11/2020		

Detail Ref: **VIK_TOR_063_INTSSEIS**

Viking Roofspec, Otara, P.O.Box 14-541, Auckland 1741, New Zealand, **Telephone** 0800 729 799, **Facsimile** 0800 729 788, **Website** www.vikingroofspec.co.nz

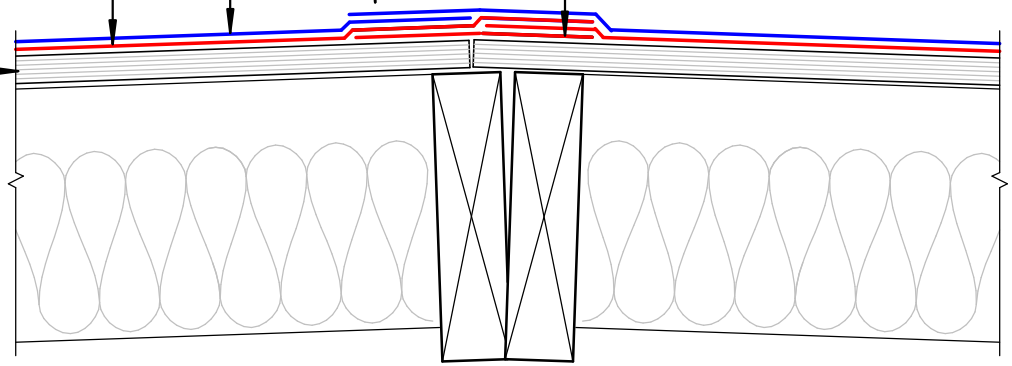
Viking Torch-on CAP sheet 4mm thick, install as per manufacturers instructions

Viking Torch-on BASE sheet 3mm thick, install as per manufacturers instructions

Base Sheet 150mm bond-break strip fixed to one side only either pinned, welded, or spot welded to allow for expansion / contraction of plywood at ridge junction

80 mm Min.

Substrate



NOTE:
Substrate to comply with current Viking Roofspec Masterspec specification
Substrate Checksheet available from www.vikingroofspec.co.nz

Roofspec Viking
Taking care of detail

DRAWING TITLE

Viking Torch-On Intersection_Ridge / Hip

NOTES:

- Viking Waterproof Membrane as notated can be Viking Gemini, Lybra or Phoenix Super.
- All fixings, cladding and structure are indicative only unless notated.

CodeMark™
Cert # GM-CM30092

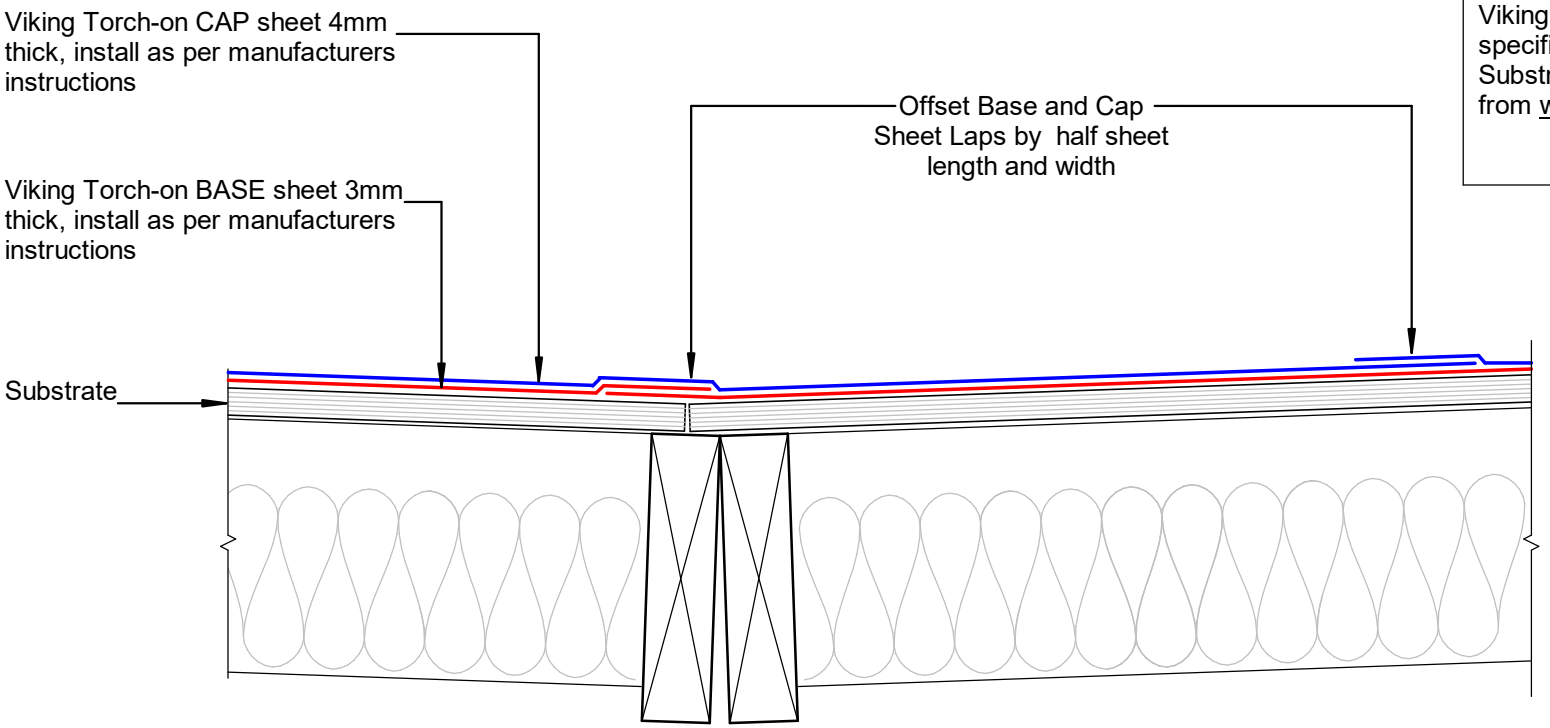
Viking Torch-On systems are CodeMarked

DRAWING
INFORMATION ONLY

Scale:	Date:	Drawn:	
Not to Scale	23/11/2020		Viking

Detail Ref: **VIK_TOR_064_INTSRIDG**

Viking Roofspec, Otara, P.O.Box 14-541, Auckland 1741, New Zealand, **Telephone** 0800 729 799, **Facsimile** 0800 729 788, **Website** www.vikingroofspec.co.nz



NOTE:
Substrate to comply with current Viking Roofspec Masterspec specification
Substrate Checksheet available from www.vikingroofspec.co.nz

Roofspec Viking
Taking care of detail

DRAWING TITLE

Viking Torch-On Intersection_Valley

NOTES:

- Viking Waterproof Membrane as notated can be Viking Gemini, Lybra or Phoenix Super.
- All fixings, cladding and structure are indicative only unless notated.

CodeMark™
Cert # GM-CM30092

Viking Torch-On systems are CodeMarked

DRAWING
INFORMATION ONLY

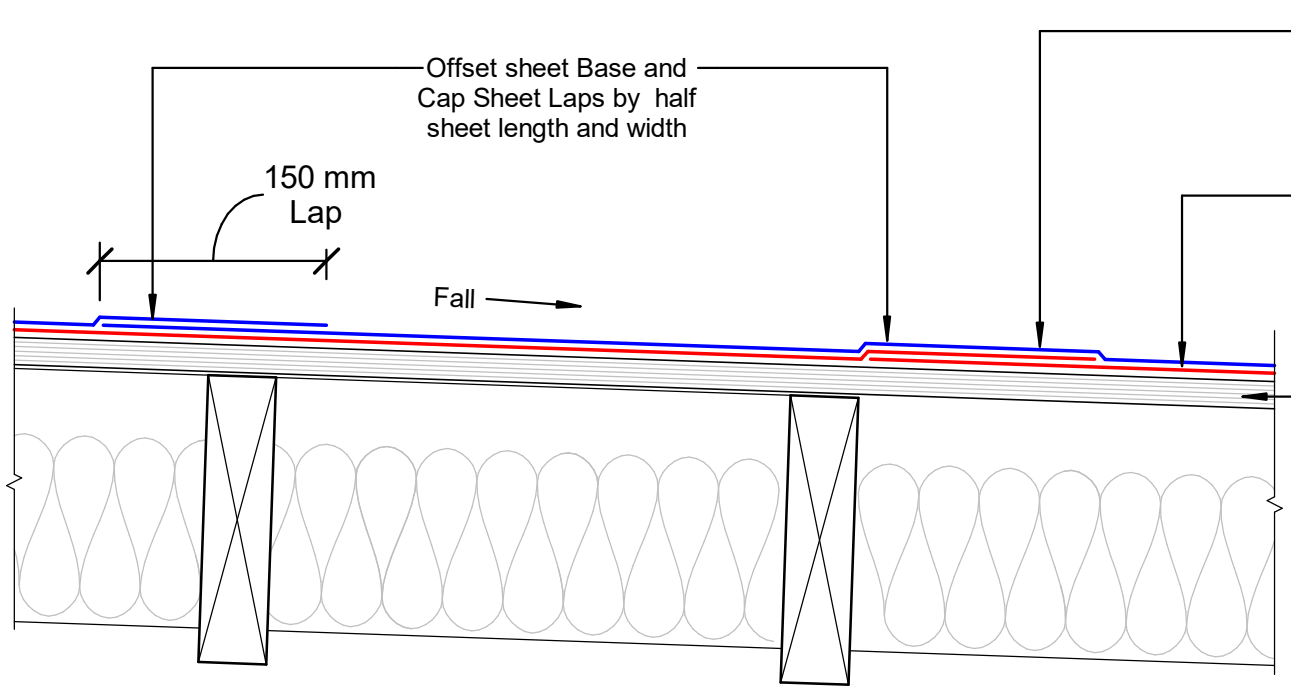
Scale:	Date:	Drawn:	Viking
Not to Scale	23/11/2020		

Detail Ref: **VIK_TOR_065_INTSVALL**

Viking Roofspec, Otara, P.O.Box 14-541, Auckland 1741, New Zealand, **Telephone** 0800 729 799, **Facsimile** 0800 729 788, **Website** www.vikingroofspec.co.nz

NOTE:
Sheet laps may also run in the direction of fall

Head to Toe Lap



NOTE:
Substrate to comply with current Viking Roofspec Masterspec specification
Substrate Checksheet available from www.vikingroofspec.co.nz

Roofspec Viking
Taking care of detail

DRAWING TITLE

Viking Torch-On
Intersection_Sheet Lap

NOTES:

- Viking Waterproof Membrane as notated can be Viking Gemini, Lybra or Phoenix Super.
- All fixings, cladding and structure are indicative only unless notated.

CodeMark™
Cert # GM-CM30092

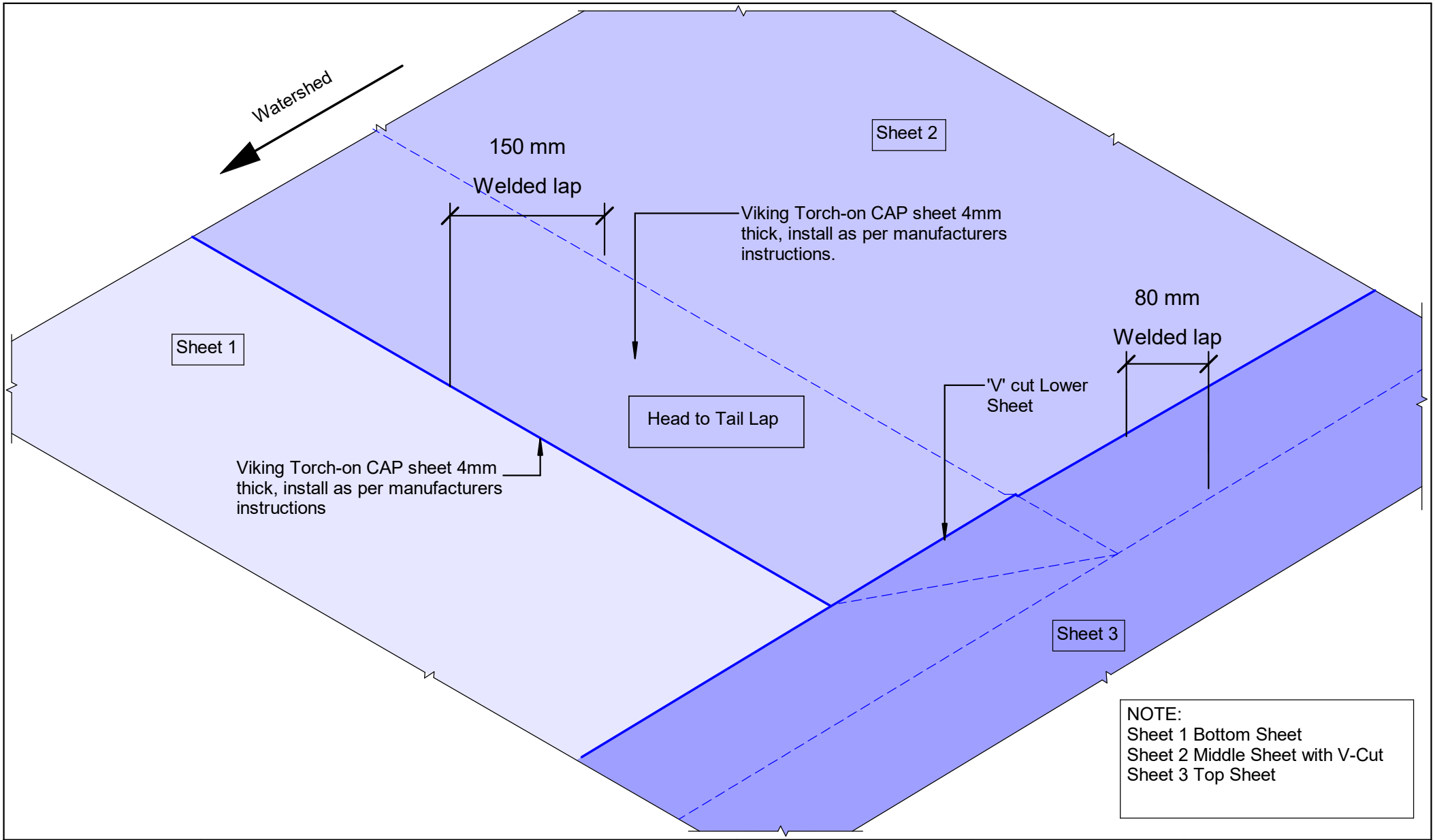
Viking Torch-On systems are CodeMarked

DRAWING
INFORMATION ONLY

Scale:	Date:	Drawn:	Viking
Not to Scale	23/11/2020		

Detail Ref: **VIK_TOR_066_INTSSHEL**

Viking Roofspec, Otara, P.O.Box 14-541, Auckland 1741, New Zealand, **Telephone** 0800 729 799, **Facsimile** 0800 729 788, **Website** www.vikingroofspec.co.nz



Roofspec Viking
Taking care of detail

DRAWING TITLE

Viking Torch-On
Intersection_Sheet T-Joint

NOTES:

- Viking Waterproof Membrane as notated can be Viking Gemini, Lybra or Phoenix Super.
- All fixings, cladding and structure are indicative only unless notated.

CodeMark
Cert # GM-CM30092

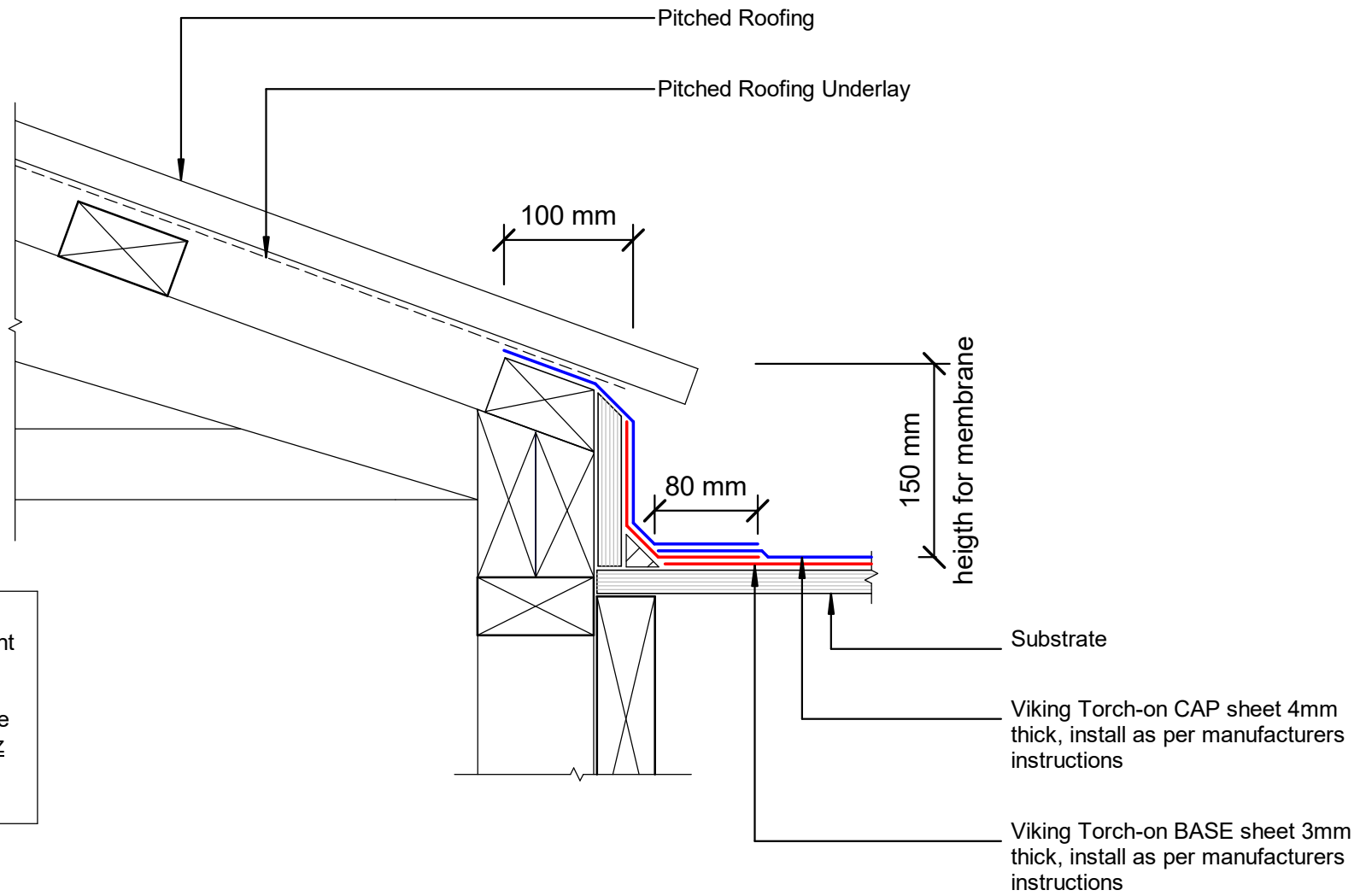
Viking Torch-On systems are CodeMarked

DRAWING
INFORMATION ONLY

Scale:	Date:	Drawn:	Viking
Not to Scale	23/11/2020		

Detail Ref: VIK_TOR_067_INTSSHTT

Viking Roofspec, Otara, P.O.Box 14-541, Auckland 1741, New Zealand, **Telephone** 0800 729 799, **Facsimile** 0800 729 788, **Website** www.vikingroofspec.co.nz



NOTE:
Substrate to comply with current Viking Roofspec Masterspec specification
Substrate Checksheet available from www.vikingroofspec.co.nz

Viking Roofspec
Taking care of detail

DRAWING TITLE

Viking Torch-On
Roof Junction_Upstand to Pitched Roofing

NOTES:

- Viking Waterproof Membrane as notated can be Viking Gemini, Lybra or Phoenix Super.
- All fixings, cladding and structure are indicative only unless notated.

CODEMARK™
Cert # GM-CM30092

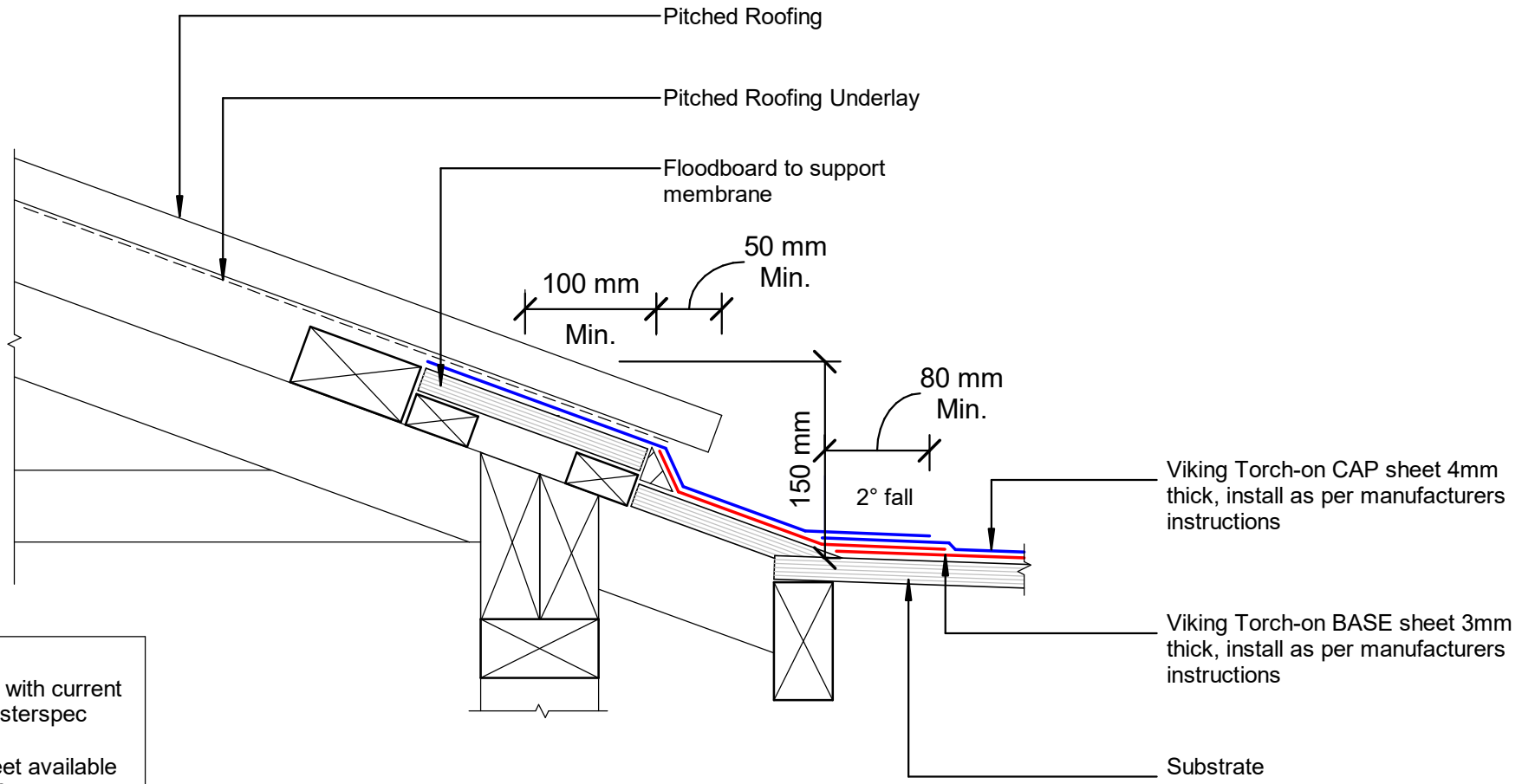
Viking Torch-On systems are CodeMarked

DRAWING
INFORMATION ONLY

Scale:	Date:	Drawn:	Viking
Not to Scale	23/11/2020		

Detail Ref: VIK_TOR_070_RJUNUPST

Viking Roofspec, Otara, P.O.Box 14-541, Auckland 1741, New Zealand, **Telephone** 0800 729 799, **Facsimile** 0800 729 788, **Website** www.vikingroofspec.co.nz



NOTE:
Substrate to comply with current Viking Roofspec Masterspec specification
Substrate Checksheet available from www.vikingroofspec.co.nz

Viking Roofspec
Taking care of detail

DRAWING TITLE

Viking Torch-On
Roof Junction_Membrane to Pitched Roofing Longrun

NOTES:

- Viking Waterproof Membrane as notated can be Viking Gemini, Lybra or Phoenix Super.
- All fixings, cladding and structure are indicative only unless notated.

CodeMark™ Cert # GM-CM30092

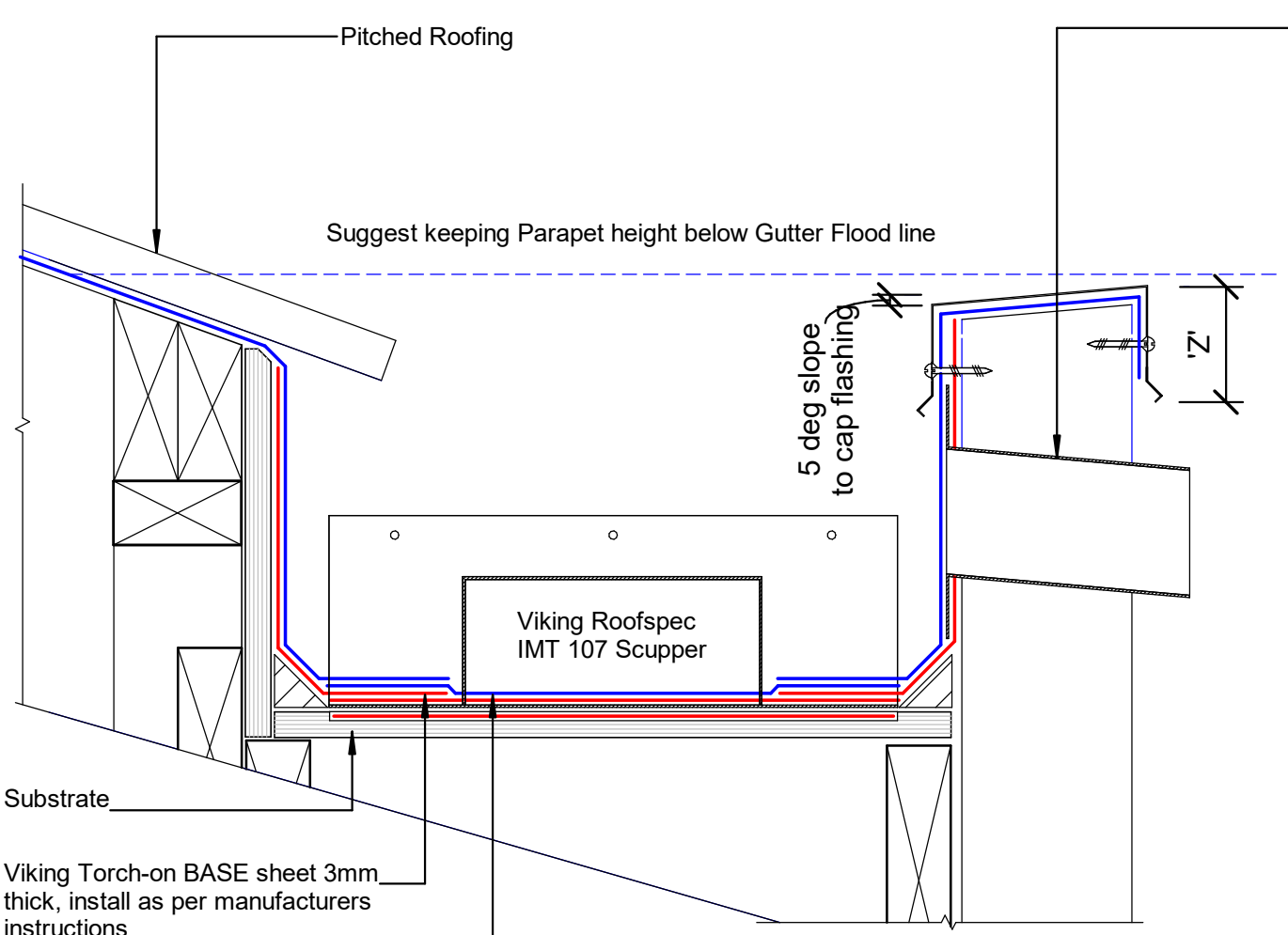
Viking Torch-On systems are CodeMarked

DRAWING
INFORMATION ONLY

Scale:	Date:	Drawn:	
Not to Scale	23/11/2020		Viking

Detail Ref: **VIK_TOR_071_RJUNMETL**

Viking Roofspec, Otara, P.O.Box 14-541, Auckland 1741, New Zealand, **Telephone** 0800 729 799, **Facsimile** 0800 729 788, **Website** www.vikingroofspec.co.nz



Viking 207x88x1.6mm stainless steel overflow scupper IMT109, installed as per manufacturers instructions.

'Z' = variable according to wind zoning,please refer to table 7 E2/AS1

Gutters must be constructed to minimum of E2/AS1 Fig 52. Viking recommends 150mm vertical height also allowing installation of scupper outlets and overflows.

It is advisable to continue the membrane over the top of the parapet and finish over the front face of exterior cladding

The top of the parapet substrate, must be angled 5° to allow water to run off the top of the parapet
*If no metal cap is to be used, then a 10° slope to the top of parapet is required. Refer E2/AS1 6.5(a)

All fixings for the cap flashing, must be through the side of the flashing.

NOTE:
Refer Scupper Detail TOR_041

NOTE:
Substrate to comply with current Viking Roofspec Masterspec specification
Substrate Checksheet available from www.vikingroofspec.co.nz

Viking Roofspec
Taking care of detail

DRAWING TITLE

Viking Torch-On
Roof Junction_Metal Roof to Internal Gutter

NOTES:

- Viking Waterproof Membrane as notated can be Viking Gemini, Lybra or Phoenix Super.
- All fixings, cladding and structure are indicative only unless notated.

CODEMARK
Cert # GM-CM30092

Viking Torch-On systems are CodeMarked

DRAWING
INFORMATION ONLY

Scale:	Date:	Drawn:	
Not to Scale	23/11/2020		Viking

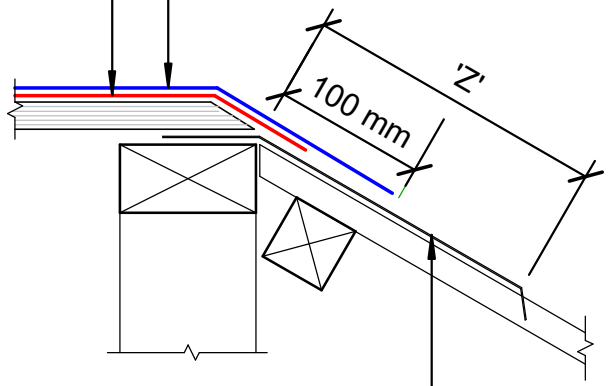
Detail Ref: VIK_TOR_072_RJUNGUTI

Viking Roofspec, Otara, P.O.Box 14-541, Auckland 1741, New Zealand, **Telephone** 0800 729 799, **Facsimile** 0800 729 788, **Website** www.vikingroofspec.co.nz

Viking Torch-on CAP sheet 4mm thick, install as per manufacturers instructions

Viking Torch-on BASE sheet 3mm thick, install as per manufacturers instructions

NOTE:
'Z' = variable according to wind zoning,please refer to table 7 E2/AS1



Metal Flashing forTorch-on use 3mm Alum. or 2mm S/S

NOTE:
Substrate to comply with current Viking Roofspec Masterspec specification
Substrate Checksheet available from www.vikingroofspec.co.nz

Viking Roofspec
Taking care of detail

DRAWING TITLE

Viking Torch-On
Roof Junction_Mansard Verge

NOTES:

- Viking Waterproof Membrane as notated can be Viking Gemini, Lybra or Phoenix Super.
- All fixings, cladding and structure are indicative only unless notated.

CODEMARK™
Cert # GM-CM30092

Viking Torch-On systems are CodeMarked

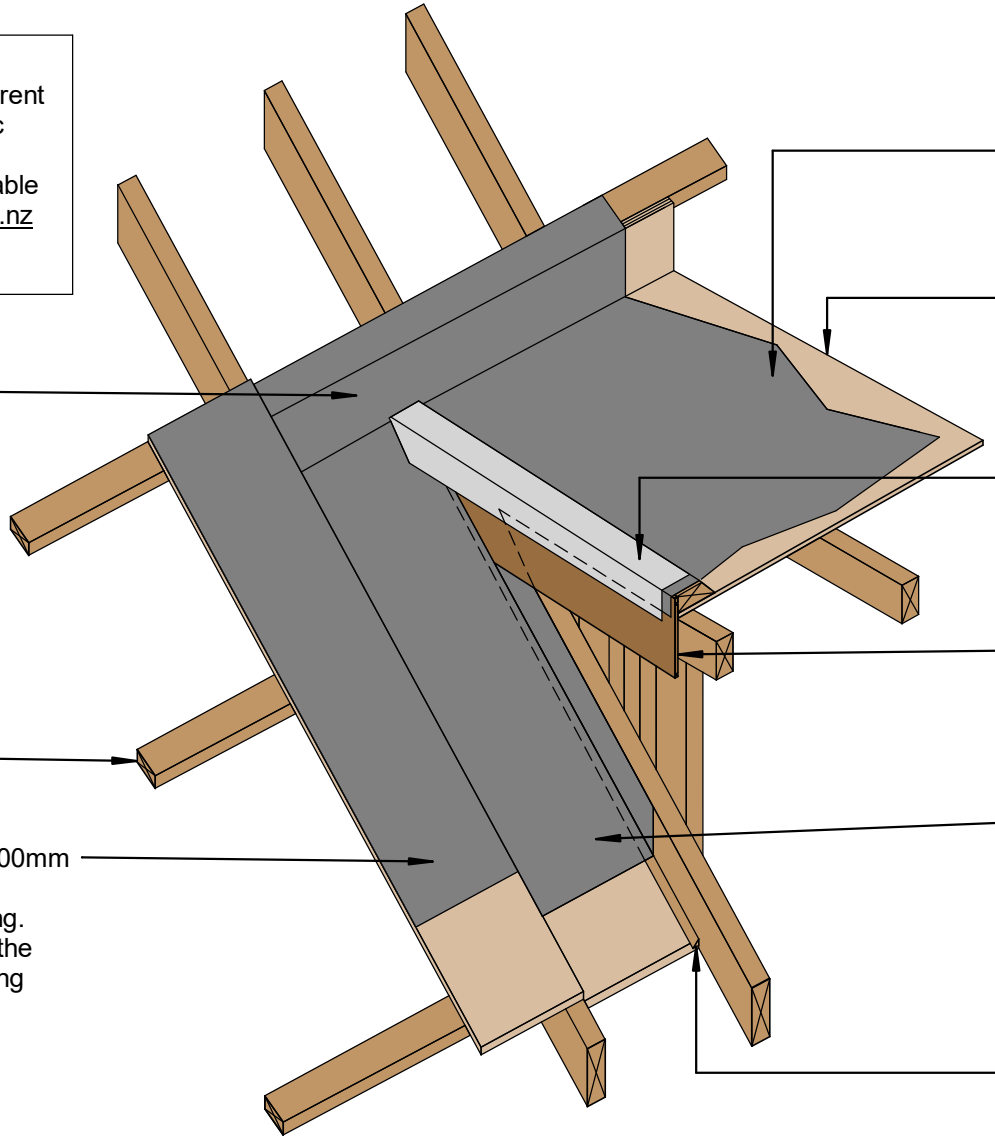
DRAWING
INFORMATION ONLY

Scale:	Date:	Drawn:	Viking
Not to Scale	23/11/2020		

Detail Ref
VIK_TOR_073_RJUNMANV

Viking Roofspec, Otara, P.O.Box 14-541, Auckland 1741, New Zealand, **Telephone** 0800 729 799, **Facsimile** 0800 729 788, **Website** www.vikingroofspec.co.nz

NOTE:
Substrate to comply with current Viking Roofspec Masterspec specification
Substrate Checksheet available from www.vikingroofspec.co.nz



Viking Torch-on system, install as per manufacturers instructions.

Substrate

Refer detail TOR_070

Refer detail TOR_074A
Install membrane before Barge-board is installed, then addition membrane to finish over the Barge-board and / or install a metal cap.

Barge board

Purlin over trusses

Viking Torch-on membrane into gutter, return membrane up wall and behind cladding 150mm Min. upstand, continue membrane behind barge board

Continue membrane onto a 300mm wide flood-board down to the bottom drip-edge and Spouting. Form a hemmed edge along the membrane, under metal roofing

Fillet

Roofspec Viking
Taking care of detail

DRAWING TITLE

Viking Torch-On
Roof Junction_Dormer ISO

NOTES:

- Viking Waterproof Membrane as notated can be Viking Gemini, Lybra or Phoenix Super.
- All fixings, cladding and structure are indicative only unless notated.

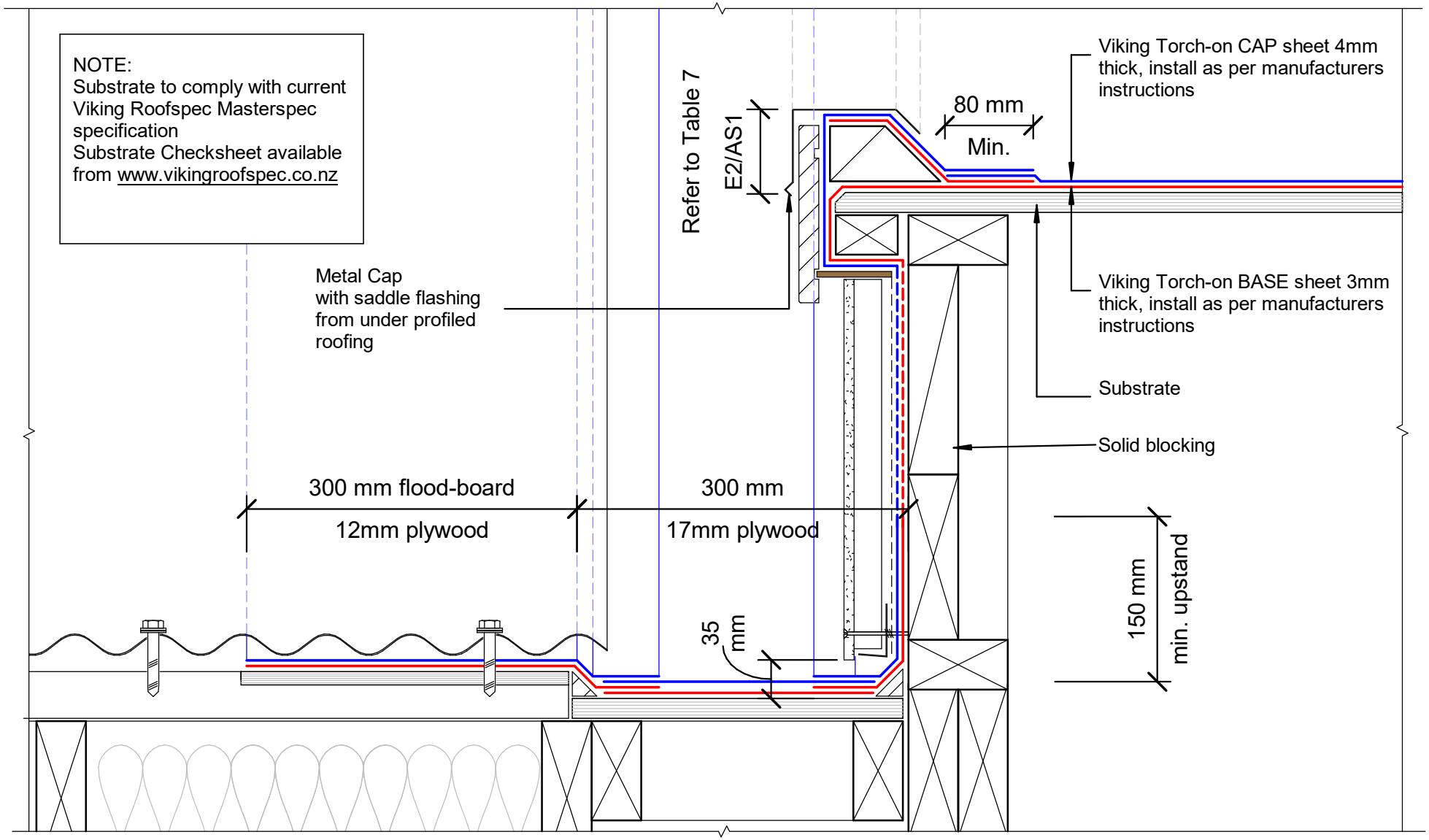
CodeMark™
Cert # GM-CM30092

Viking Torch-On systems are CodeMarked

DRAWING
INFORMATION ONLY

Scale:	Date:	Drawn:	Viking
Not to Scale	23/11/2020		

Detail Ref: **VIK_TOR_074_RJUNDORM**



Roofspec Viking
Taking care of detail

DRAWING TITLE

Viking Torch-On
Roof Junction_Dormer Gutter

NOTES:

- Viking Waterproof Membrane as notated can be Viking Gemini, Lybra or Phoenix Super.
- All fixings, cladding and structure are indicative only unless notated.

CODEMARK™
Cert # GM-CM30092

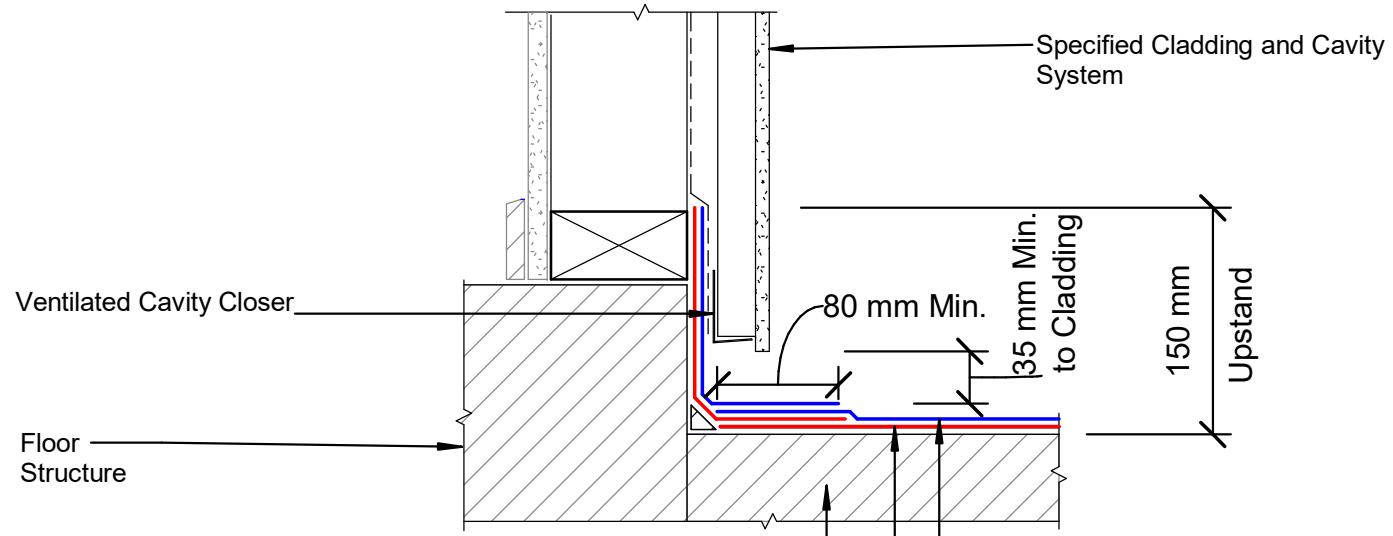
Viking Torch-On systems are CodeMarked

DRAWING
INFORMATION ONLY

Scale:	Date:	Drawn:	Viking
Not to Scale	23/11/2020		

Detail Ref:
VIK_TOR_074A_RJUNDORM

Viking Roofspec, Otara, P.O.Box 14-541, Auckland 1741, New Zealand, **Telephone** 0800 729 799, **Facsimile** 0800 729 788, **Website** www.vikingroofspec.co.nz



NOTE:
Substrate to comply with current Viking Roofspec Masterspec specification
Substrate Checksheet available from www.vikingroofspec.co.nz

Roofspec Viking
Taking care of detail

DRAWING TITLE

Viking Torch-On Apron_Upstand behind cladding

NOTES:

- Viking Waterproof Membrane as notated can be Viking Gemini, Lybra or Phoenix Super.
- All fixings, cladding and structure are indicative only unless notated.

CodeMark™ Cert # GM-CM30092

Viking Torch-On systems are CodeMarked

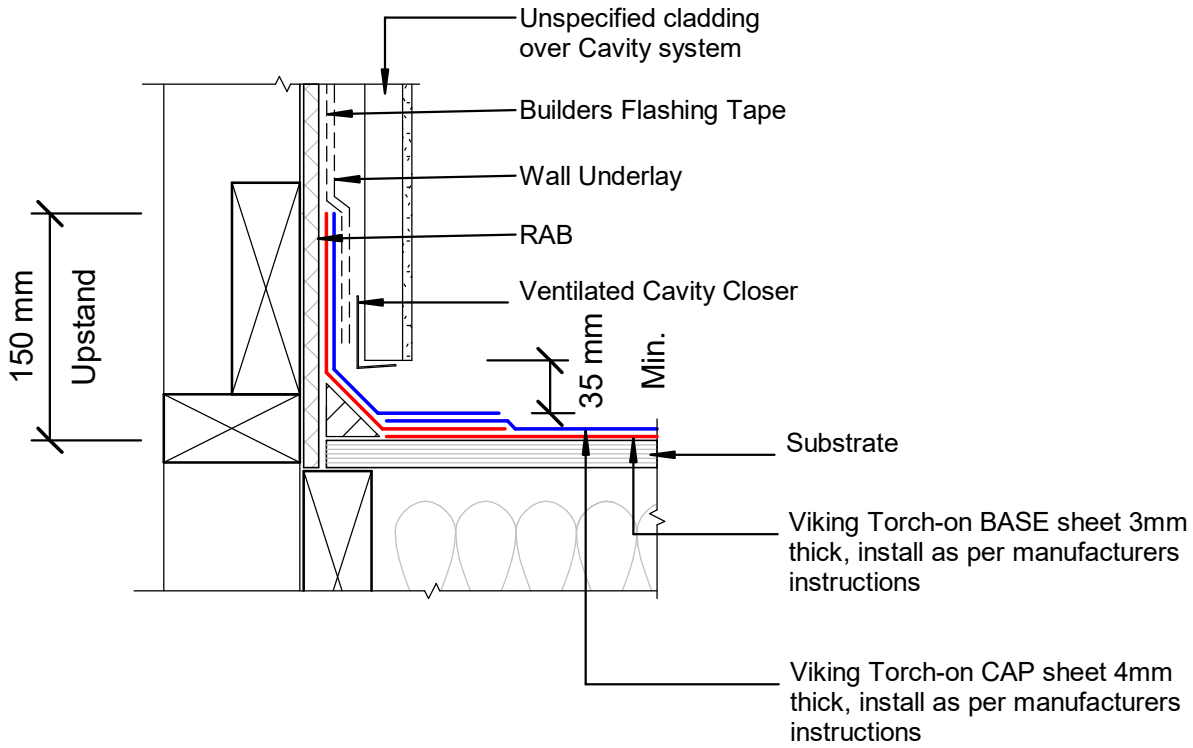
DRAWING
INFORMATION ONLY

Scale:	Date:	Drawn:	Viking
Not to Scale	23/11/2020		

Detail Ref: **VIK_TOR_080_APRNUPST**

Viking Roofspec, Otara, P.O.Box 14-541, Auckland 1741, New Zealand, **Telephone** 0800 729 799, **Facsimile** 0800 729 788, **Website** www.vikingroofspec.co.nz

NOTE:
Substrate to comply with current Viking Roofspec Masterspec specification
Substrate Checksheet available from www.vikingroofspec.co.nz



Viking Roofspec
Taking care of detail

DRAWING TITLE

Viking Torch-On
Apron_Upstand to RAB behind cladding

NOTES:

- Viking Waterproof Membrane as notated can be Viking Gemini, Lybra or Phoenix Super.
- All fixings, cladding and structure are indicative only unless notated.

CODEMARK™
Cert # GM-CM30092

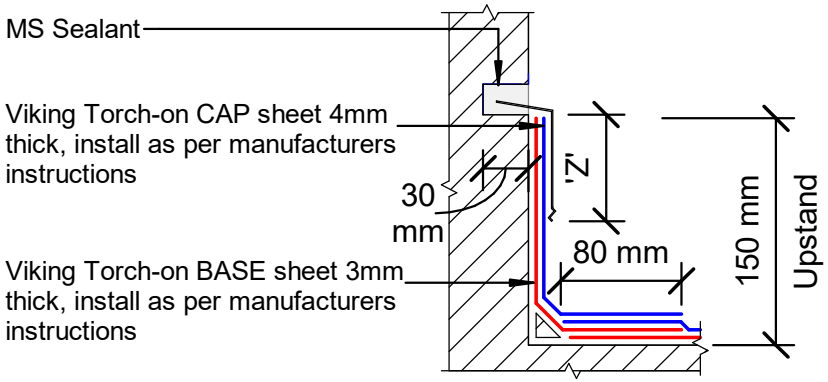
Viking Torch-On systems are CodeMarked

DRAWING
INFORMATION ONLY

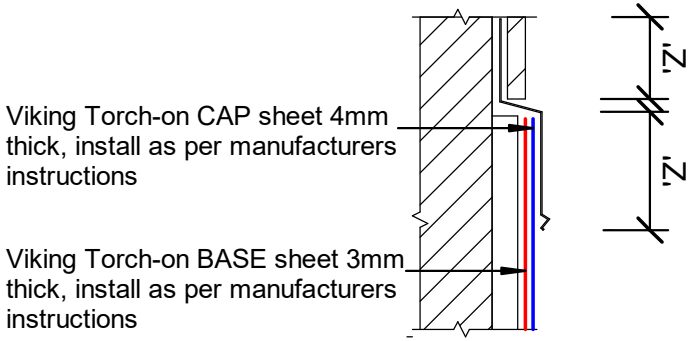
Scale:	Date:	Drawn:	Viking
Not to Scale	23/11/2020		

Detail Ref:
VIK_TOR_080A_APRNURAB

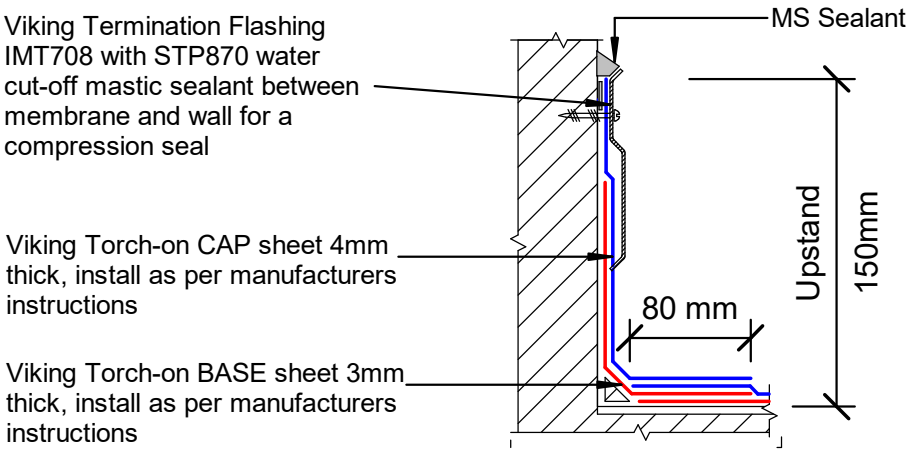
Viking Roofspec, Otara, P.O.Box 14-541, Auckland 1741, New Zealand, **Telephone** 0800 729 799, **Facsimile** 0800 729 788, **Website** www.vikingroofspec.co.nz



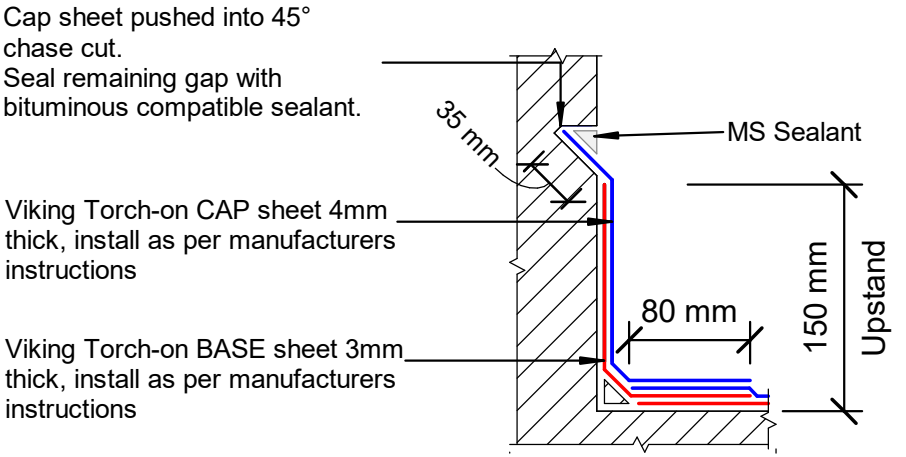
*Chase termination 'A'



*Apron Flashing termination 'B'



*Pressure Bar termination 'C'



*Chase termination 'D'

NOTES:
'Z' = Variable cover according to wind zone refer table 7 E2/AS1
150mm membrane upstand height where-ever possible

NOTES:
Substrate to comply with current Viking Roofspec Masterspec specification
Substrate Checksheet available from www.vikingroofspec.co.nz

Viking Roofspec
Taking care of detail

DRAWING TITLE

Viking Torch-On
Apron_Upstand terminations without cladding

NOTES:

- Viking Waterproof Membrane as notated can be Viking Gemini, Lybra or Phoenix Super.
- All fixings, cladding and structure are indicative only unless notated.

CODEMARK™ Cert # GM-CM30092

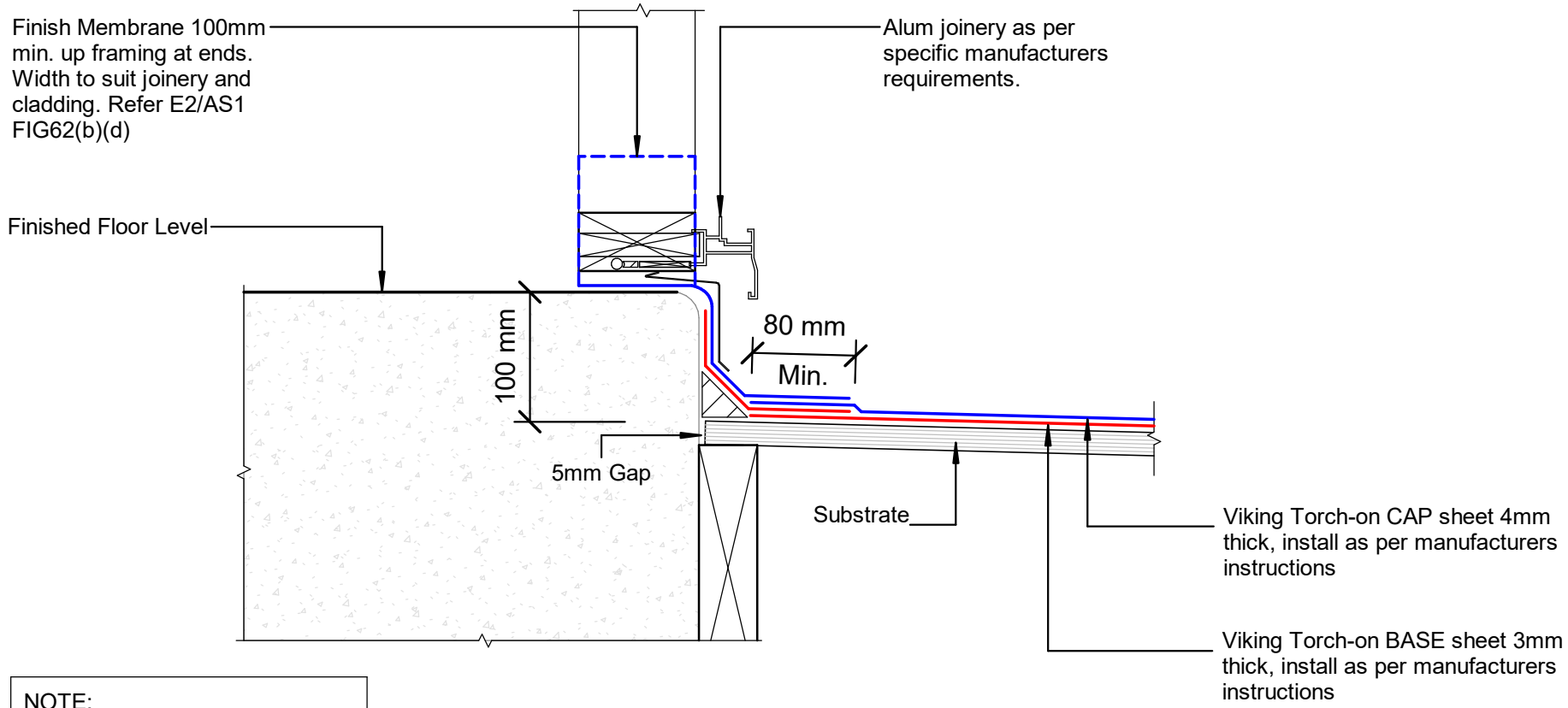
Viking Torch-On systems are CodeMarked

DRAWING
INFORMATION ONLY

Scale:	Date:	Drawn:	Viking
Not to Scale	23/11/2020		

Detail Ref: VIK_TOR_081_APRNUTER

Viking Roofspec, Otara, P.O.Box 14-541, Auckland 1741, New Zealand, **Telephone** 0800 729 799, **Facsimile** 0800 729 788, **Website** www.vikingroofspec.co.nz



NOTE:
Substrate to comply with current Viking Roofspec Masterspec specification
Substrate Checksheet available from www.vikingroofspec.co.nz

Roofspec Viking
Taking care of detail

DRAWING TITLE

Viking Torch-On Threshold_Door

NOTES:

- Viking Waterproof Membrane as notated can be Viking Gemini, Lybra or Phoenix Super.
- All fixings, cladding and structure are indicative only unless notated.

CODEMARK™
Cert # GM-CM30092

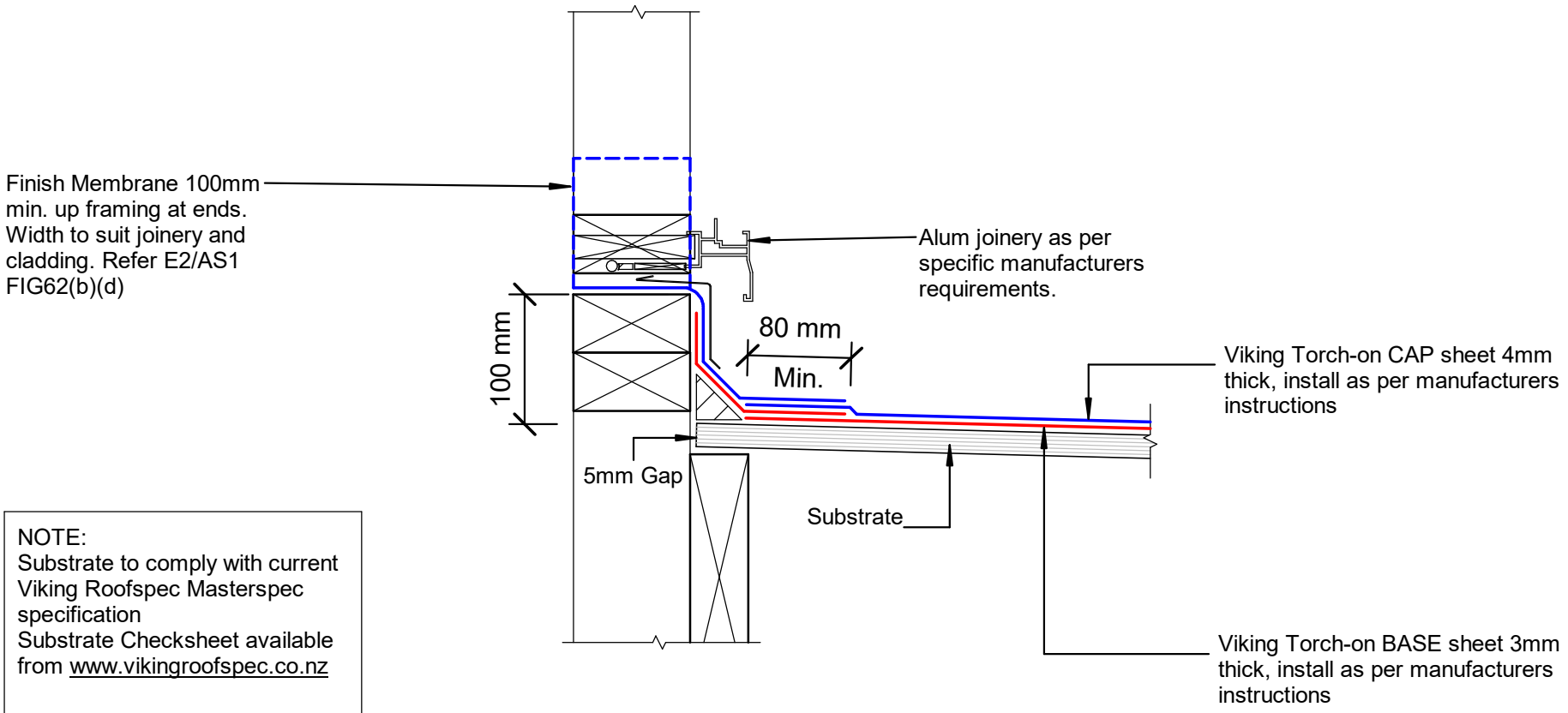
Viking Torch-On systems are CodeMarked

DRAWING
INFORMATION ONLY

Scale:	Date:	Drawn:	Viking
Not to Scale	23/11/2020		

Detail Ref
VIK_TOR_090_DOORTHRS

Viking Roofspec, Otara, P.O.Box 14-541, Auckland 1741, New Zealand, **Telephone** 0800 729 799, **Facsimile** 0800 729 788, **Website** www.vikingroofspec.co.nz



NOTE:
Substrate to comply with current Viking Roofspec Masterspec specification
Substrate Checksheet available from www.vikingroofspec.co.nz

Roofspec Viking
Taking care of detail

DRAWING TITLE

Viking Torch-On Threshold_Window

NOTES:

- Viking Waterproof Membrane as notated can be Viking Gemini, Lybra or Phoenix Super.
- All fixings, cladding and structure are indicative only unless notated.

CodeMark™
Cert # GM-CM30092

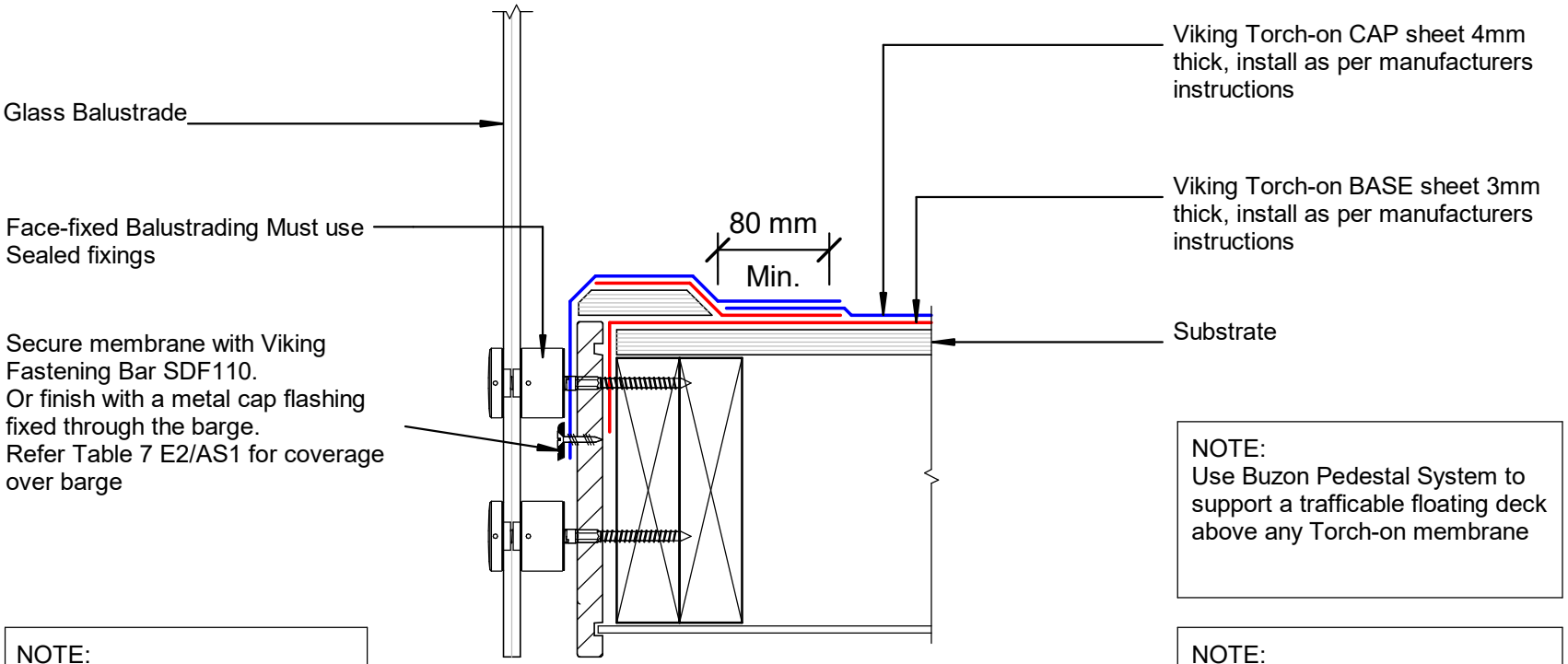
Viking Torch-On systems are CodeMarked

DRAWING
INFORMATION ONLY

Scale:	Date:	Drawn:	Viking
Not to Scale	23/11/2020		

Detail Ref: **VIK_TOR_091_WINDTHRS**

Viking Roofspec, Otara, P.O.Box 14-541, Auckland 1741, New Zealand, **Telephone** 0800 729 799, **Facsimile** 0800 729 788, **Website** www.vikingroofspec.co.nz



NOTE:
Refer detail TOR_040 and TOR_040A

NOTE:
Use Buzon Pedestal System to support a trafficable floating deck above any Torch-on membrane

NOTE:
Substrate to comply with current Viking Roofspec Masterspec specification
Substrate Checksheet available from www.vikingroofspec.co.nz

Viking Roofspec
Taking care of detail

DRAWING TITLE

Viking Torch-On Deck_Balustrade

NOTES:

- Viking Waterproof Membrane as notated can be Viking Gemini, Lybra or Phoenix Super.
- All fixings, cladding and structure are indicative only unless notated.

CodeMark™
Cert # GM-CM30092

Viking Torch-On systems are CodeMarked

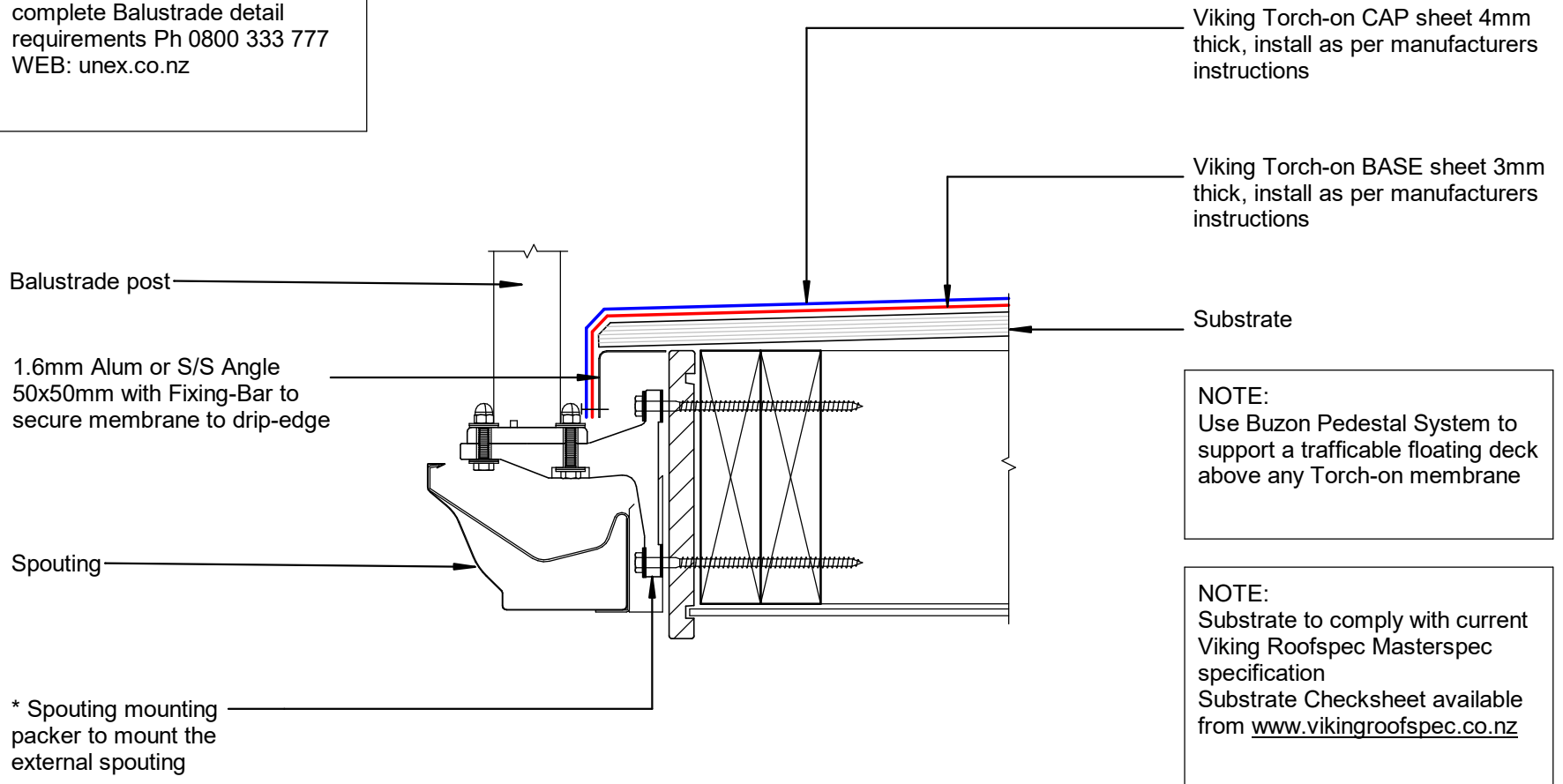
DRAWING
INFORMATION ONLY

Scale:	Date:	Drawn:	Viking
Not to Scale	23/11/2020		

Detail Ref: **VIK_TOR_100_DECKBALU**

Viking Roofspec, Otara, P.O.Box 14-541, Auckland 1741, New Zealand, **Telephone** 0800 729 799, **Facsimile** 0800 729 788, **Website** www.vikingroofspec.co.nz

NOTE:
* Unex Balustrade bracket and system refer to Unex Systems for complete Balustrade detail requirements Ph 0800 333 777
WEB: unex.co.nz



NOTE:
Use Buzon Pedestal System to support a trafficable floating deck above any Torch-on membrane

NOTE:
Substrate to comply with current Viking Roofspec Masterspec specification
Substrate Checksheet available from www.vikingroofspec.co.nz

Viking Roofspec
Taking care of detail

DRAWING TITLE

Viking Torch-On
Deck_Balustrade to External Spouting

NOTES:

- Viking Waterproof Membrane as notated can be Viking Gemini, Lybra or Phoenix Super.
- All fixings, cladding and structure are indicative only unless notated.

CodeMark™
Cert # GM-CM30092

Viking Torch-On systems are CodeMarked

DRAWING
INFORMATION ONLY

Scale:	Date:	Drawn:	Viking
Not to Scale	23/11/2020		

Detail Ref
VIK_TOR_101_DECKBALU

Viking Roofspec, Otara, P.O.Box 14-541, Auckland 1741, New Zealand, **Telephone** 0800 729 799, **Facsimile** 0800 729 788, **Website** www.vikingroofspec.co.nz