

NOTE: Creating correct falls without internal Gutters.

This example of a typical deck shows that minimal falls can be achieved by creating valleys rather than falling all in one direction to an internal gutter.

- Minimum falls are still greater than 1:100 in the valleys.
- Overall heights required are reduced without designing long internal gutters.
- No gutters minimises detail and makes better use of the deck or roof
- You save 30% of height with this example. An Internal Gutter would require 120mm

It is Viking Roofspecs view that Internal Gutters may be eliminated in many cases. In doing so you can reduce overall heights or increase roof falls while reducing risk and detail.

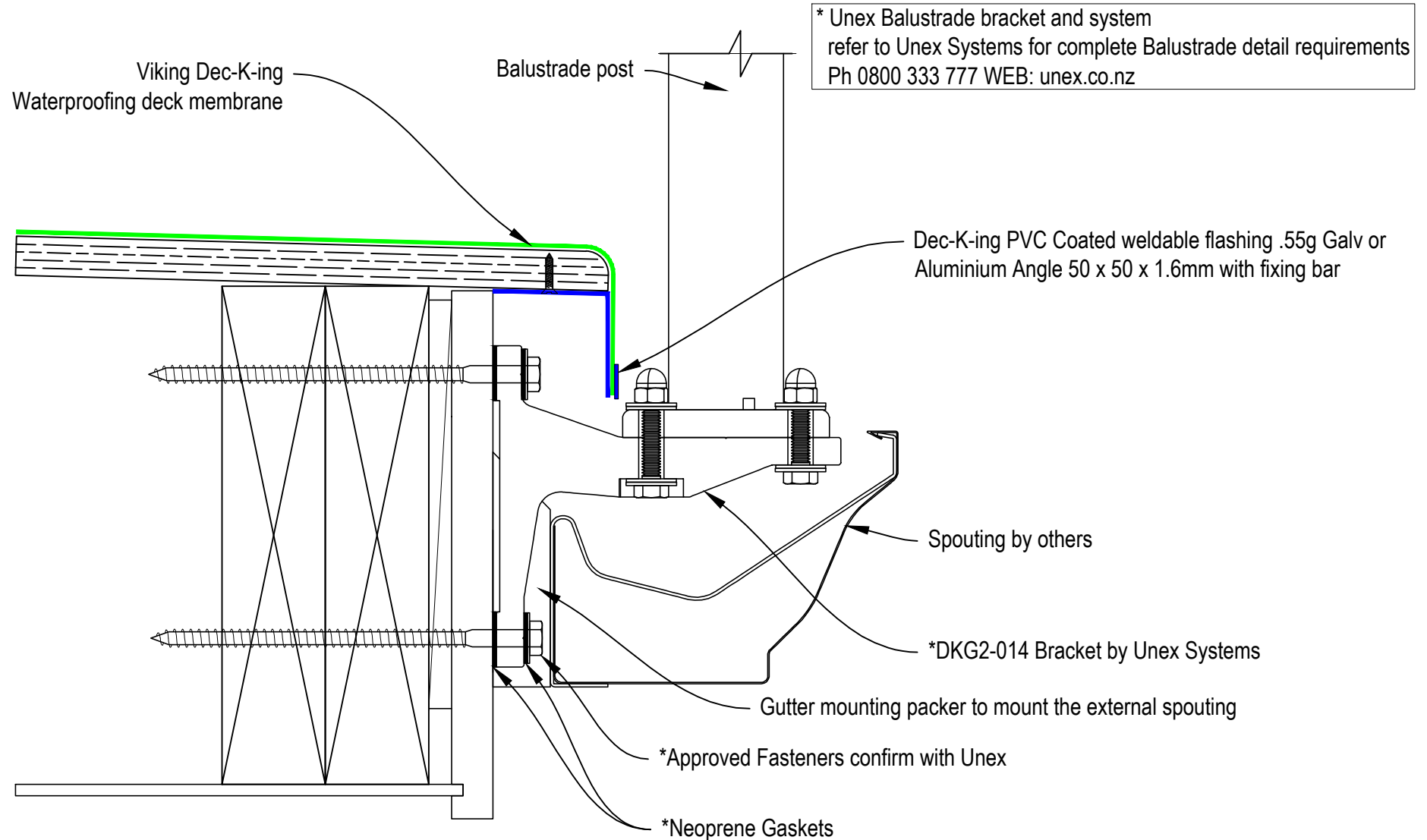
To find out more contact Viking Roofspec Technical 0800 729-799

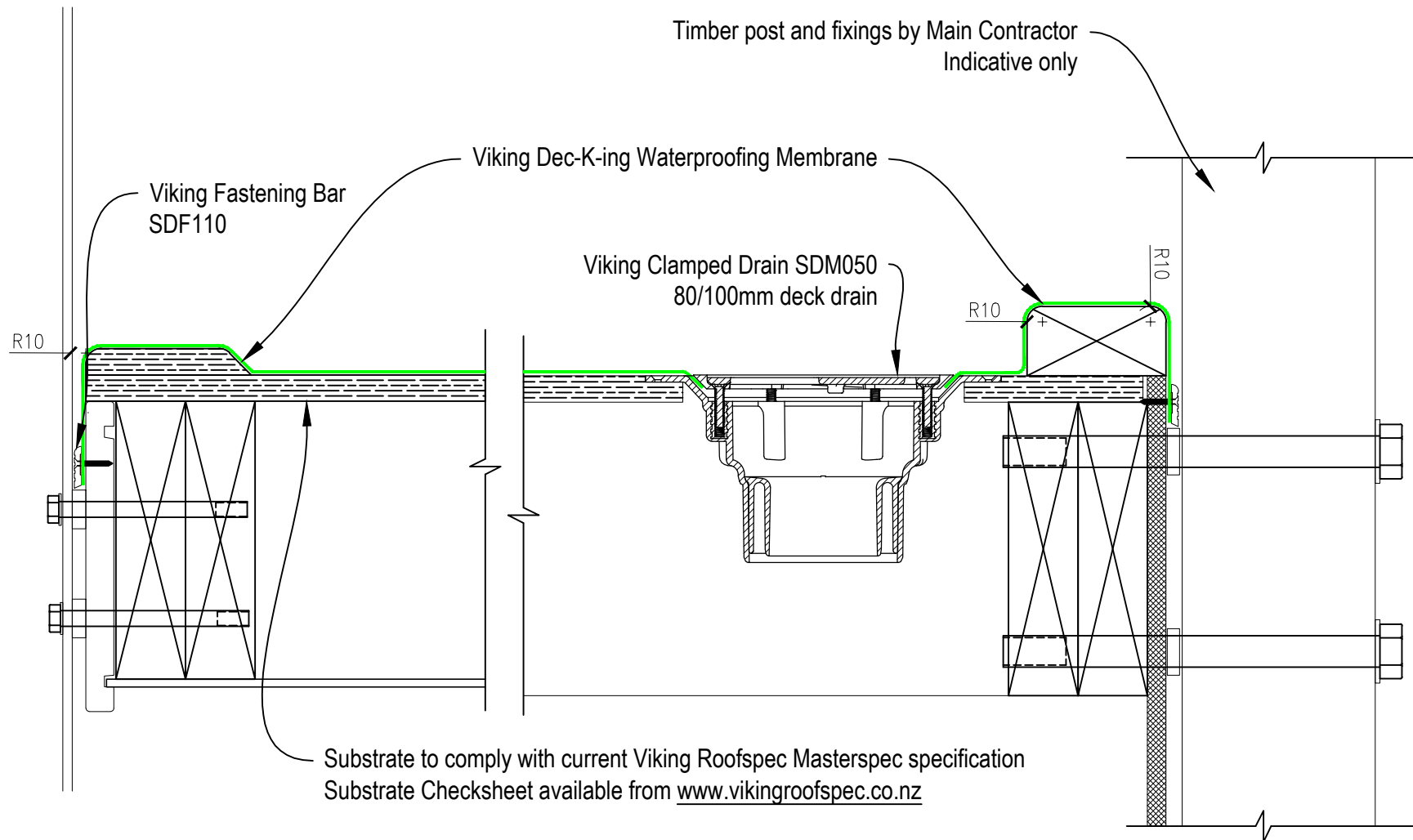
Fall of 1:40 (1.5°) over 1.2mt = 30mm
1:83 over 2.500mt
1:93 over 2.773mt in valleys

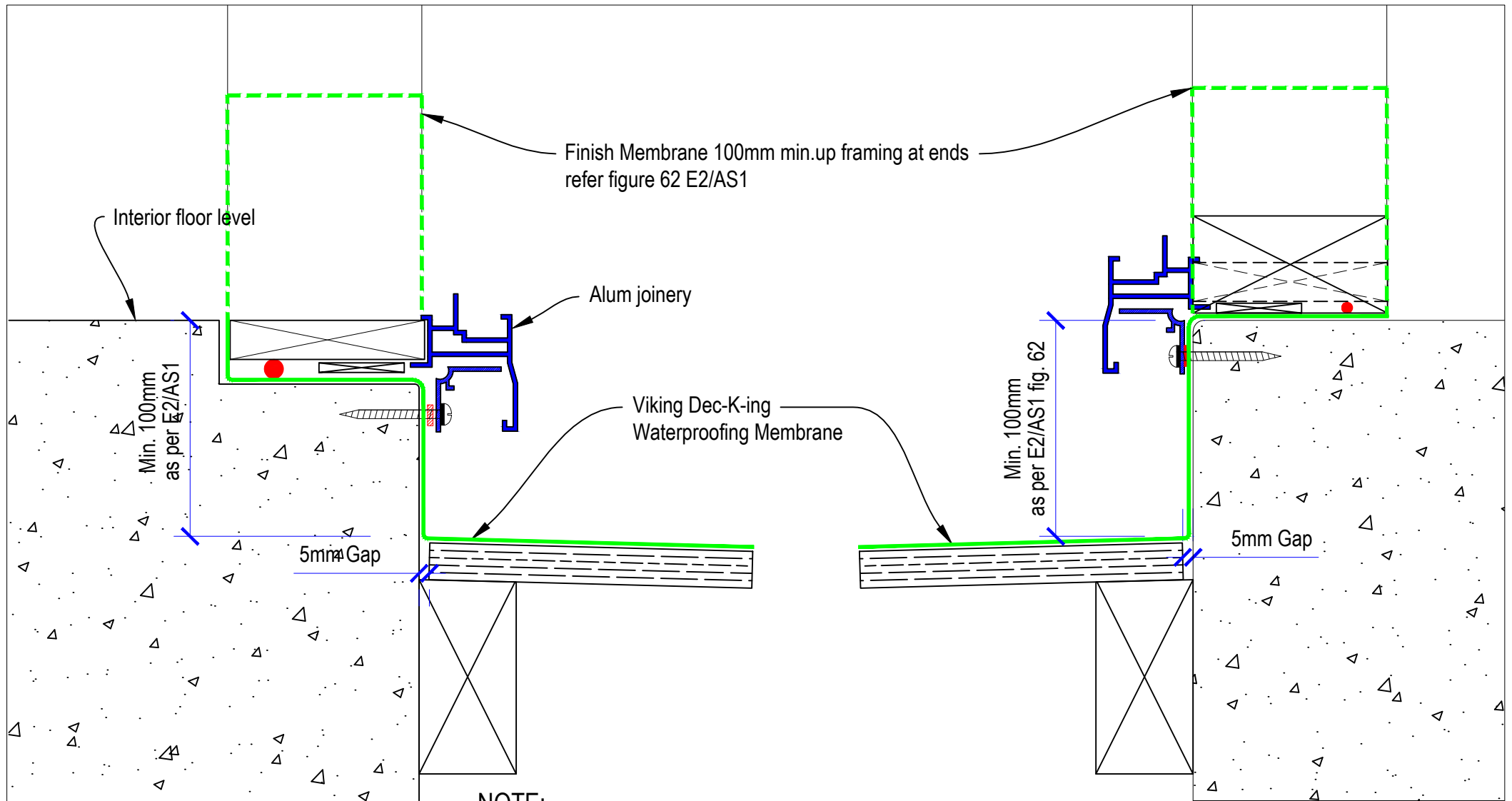
Viking Dec-K-ing
Waterproofing deck membrane

1:40 or 1.5°

Viking Dec-K-ing weldable PVC flashing
.55g Galv

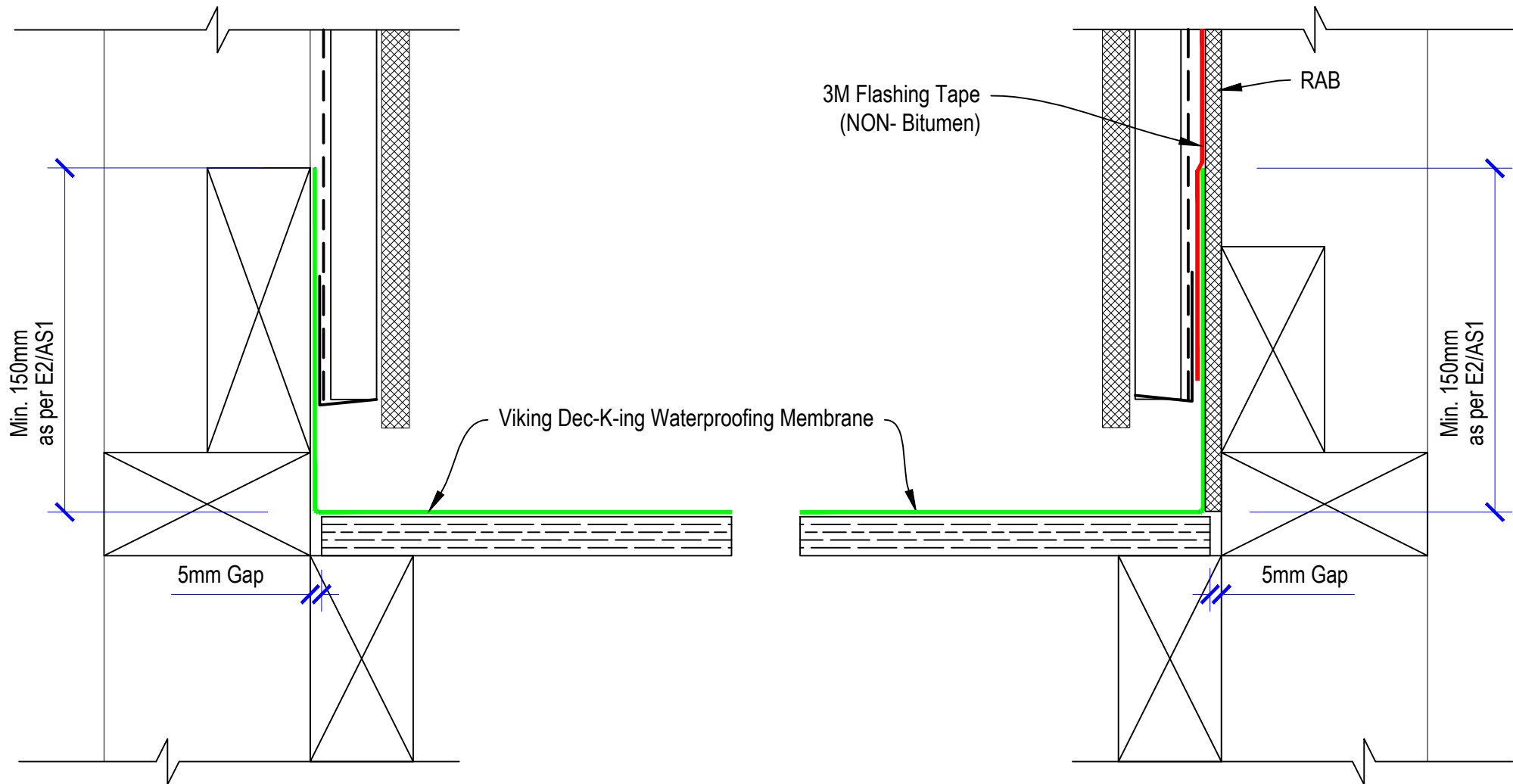




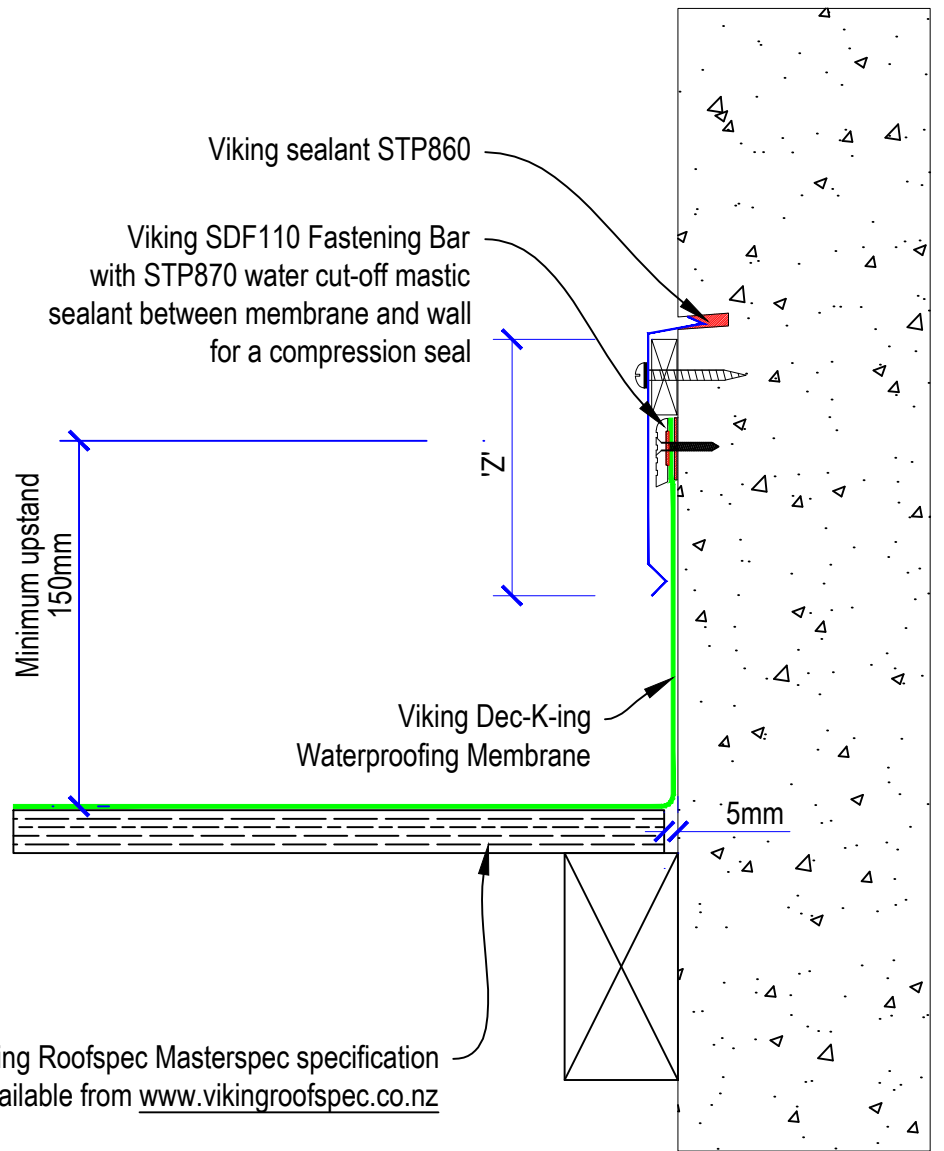
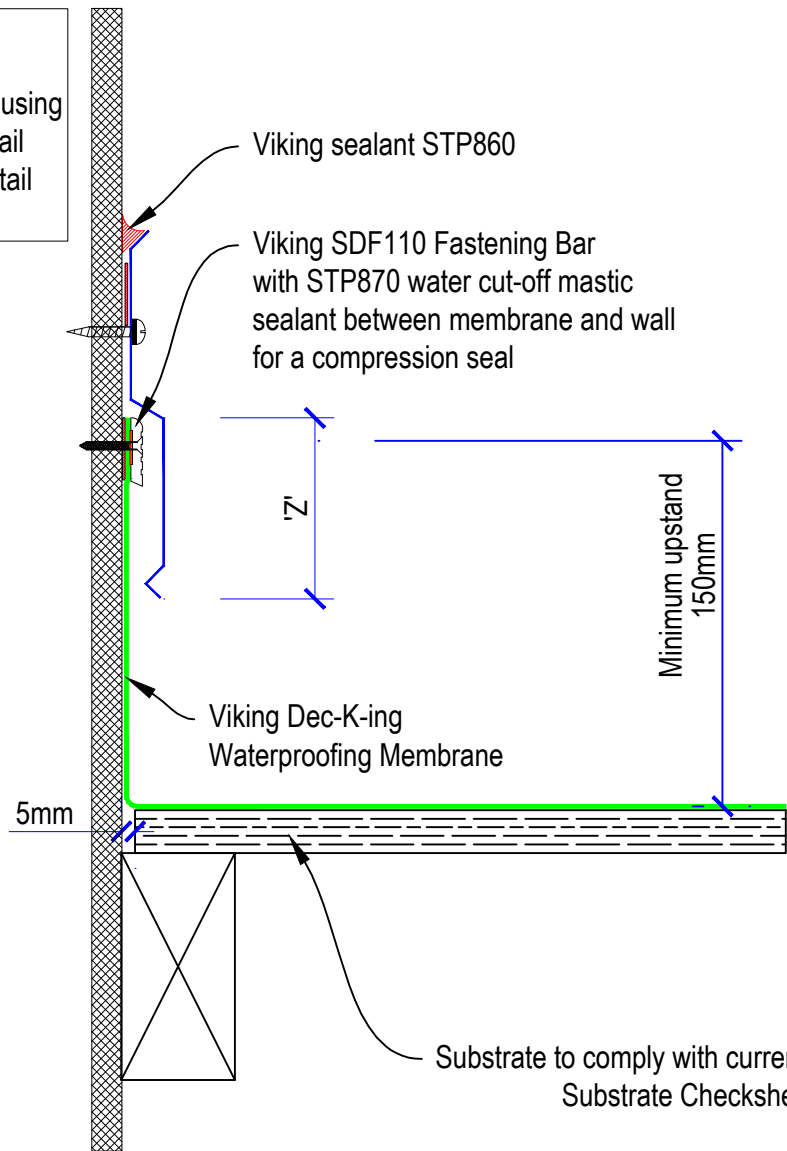


NOTE:

Dec-K-ing membrane is 1.5mm thick, as required for deck membranes E2/AS1 8.5.4



Note:
Viking Roofspec
would only advise using
a pressure bar detail
where a Chase detail
is not practical



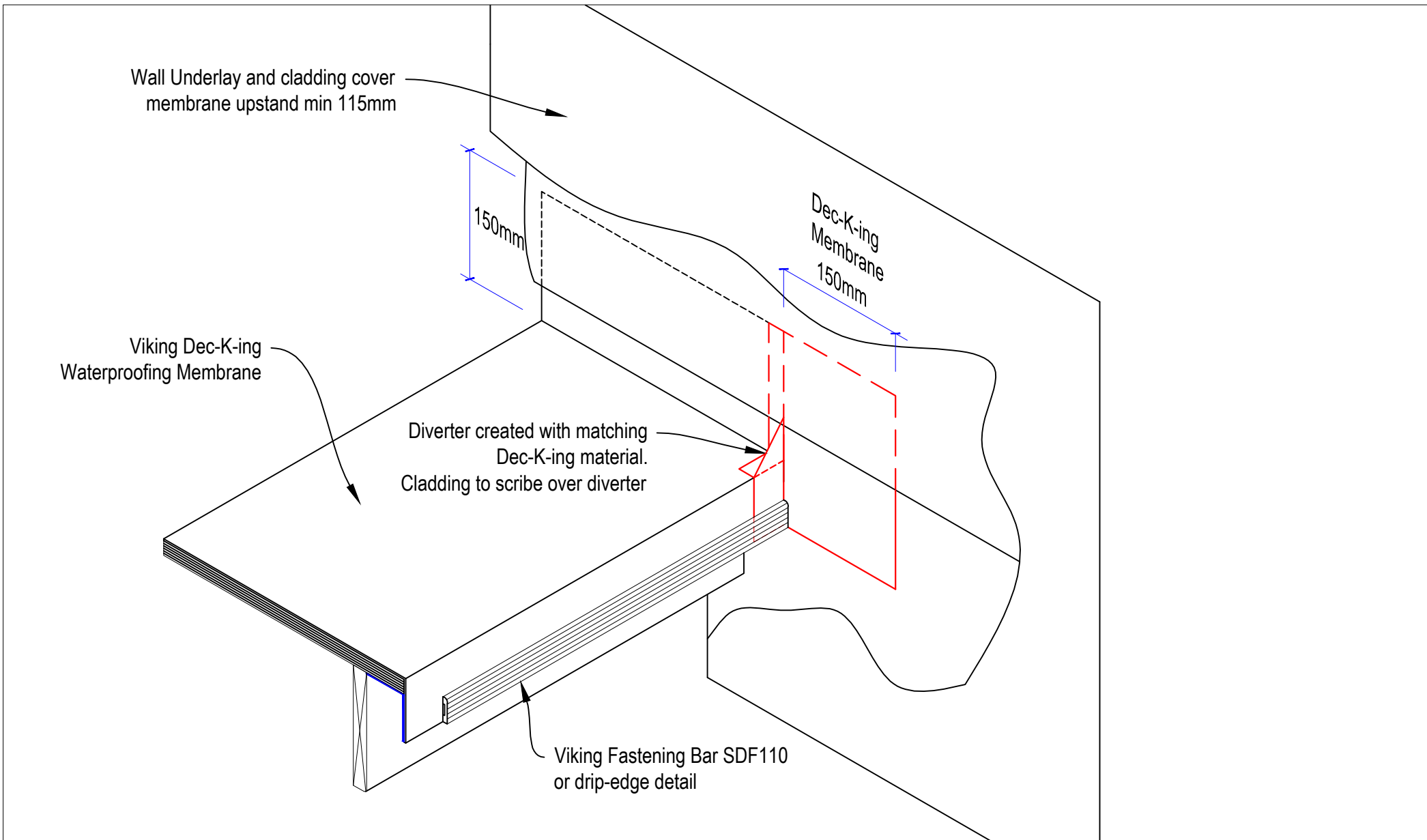
Substrate to comply with current Viking Roofspec Masterspec specification
Substrate Checksheet available from www.vikingroofspec.co.nz




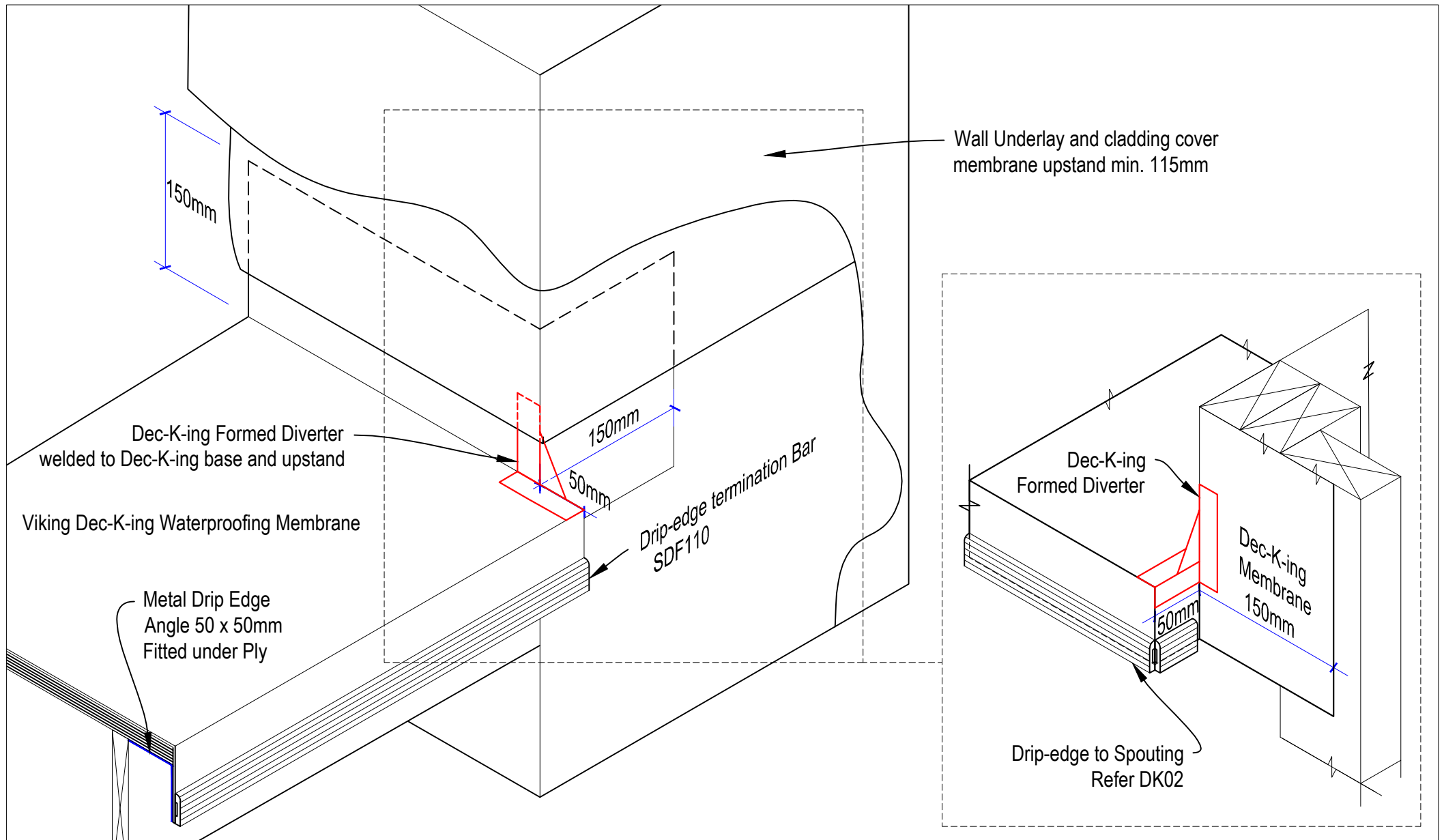
DRAWING TITLE
DK06 Dec-K-ing Chase or Face upstand


NOTES:
1/ Substrate Indicative Only 2/ No fillets required at upstands for Dec-K-ing

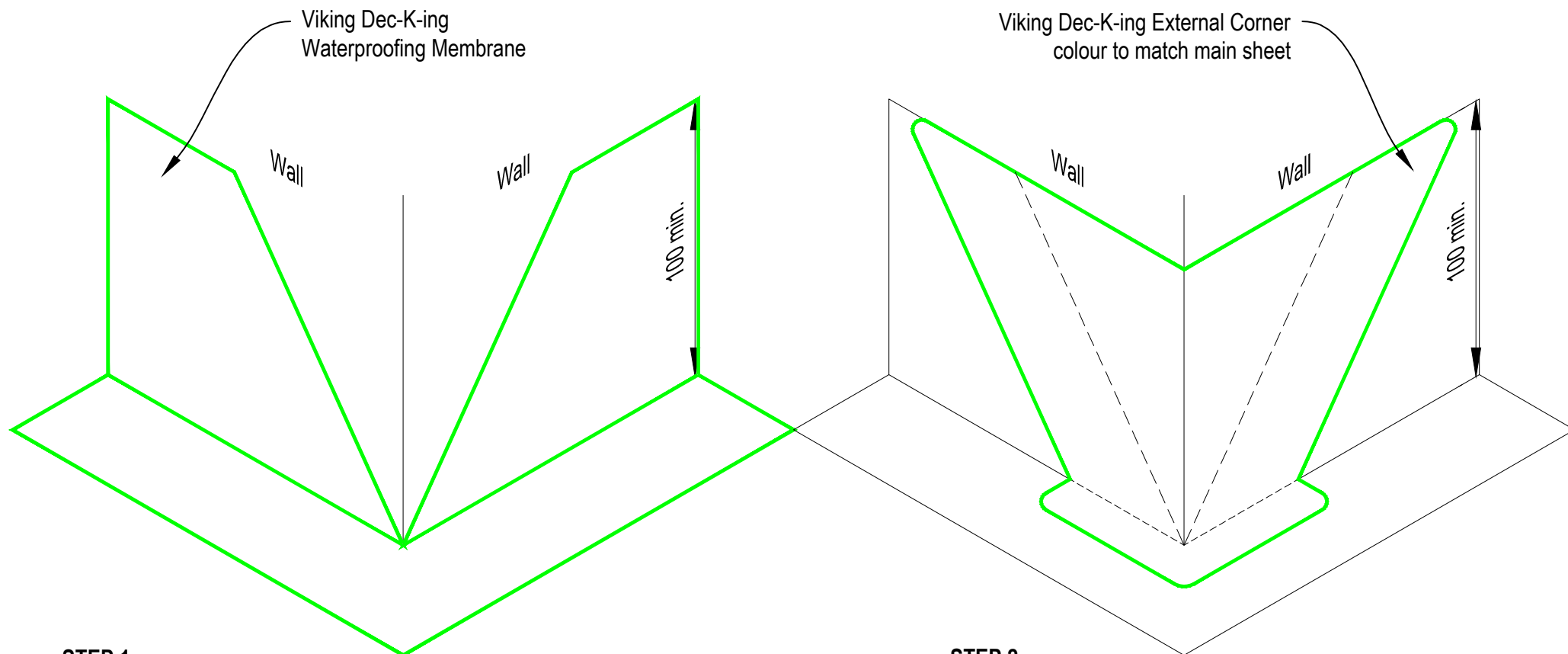
DRAWING STATUS		
INFORMATION ONLY		
Not to Scale	DATE 29/4/2015	Detail Ref. DK06
DRAWN	Viking	
SERIES	1.10	



	DRAWING TITLE		NOTES:		DRAWING STATUS	
	DK07 Dec-K-ing Diverter Straight		1/ Substrate Indicative Only 2/ No fillets required at upstands for Dec-K-ing		INFORMATION ONLY	
					Not to Scale	DATE 29/4/2015
					DRAWN	Viking
					SERIES	1.10
					Detail Ref:	DK07 A



	DRAWING TITLE		NOTES:		DRAWING STATUS	
	DK08 Dec-K-ing Diverter return		1/ Substrate Indicative Only 2/ No fillets required at upstands for Dec-K-ing		INFORMATION ONLY	
					Not to Scale	DATE 29/4/2015
					DRAWN Viking	Detail Ref. DK08 A
					SERIES 1.10	

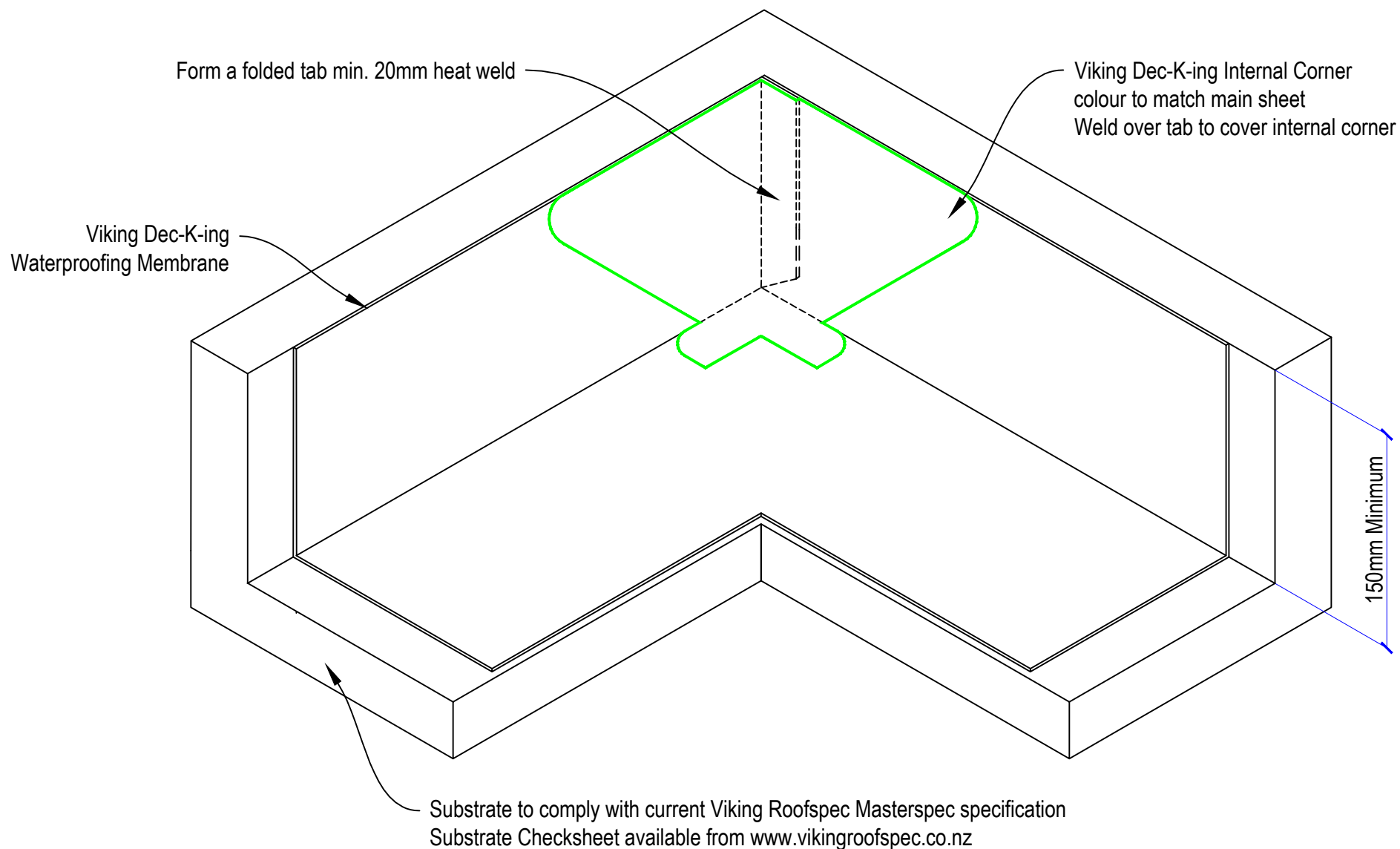


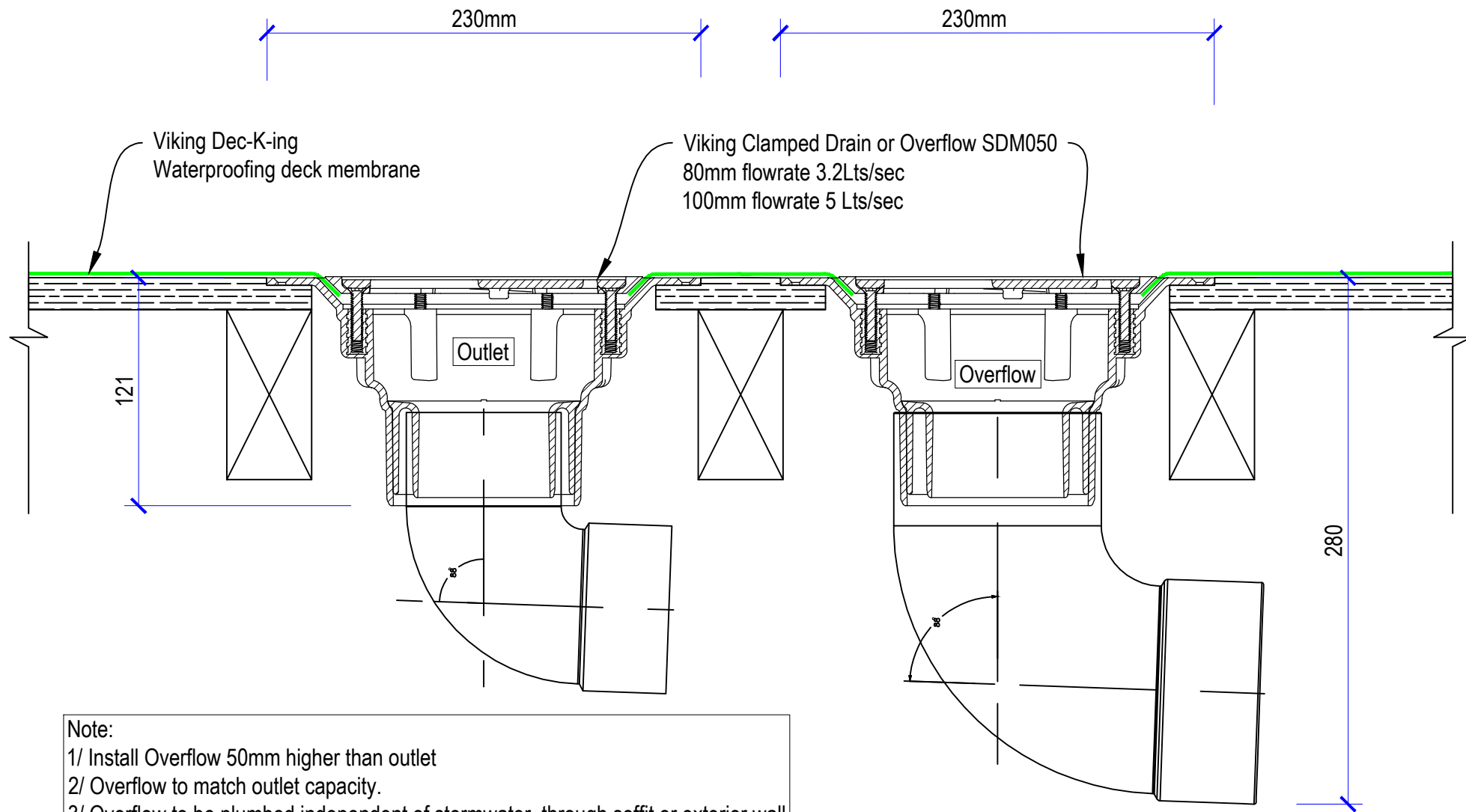
STEP 1

Take Dec-K-ing membrane up wall min. 100mm and cut on 45° angle to corner

STEP 2

Flash over with matching colour Dec-K-ing External Corner weld to main sheet





Optional Head flashing
to prevent water ingress through Rainhead fixings

Generic Rainhead

Viking Dec-K-ing
Waterproofing Membrane

Viking Dec-K-ing Scupper
SDM052

sealant and tape
by builder

4mm rebate for scupper
Scupper to finish flush with substrate

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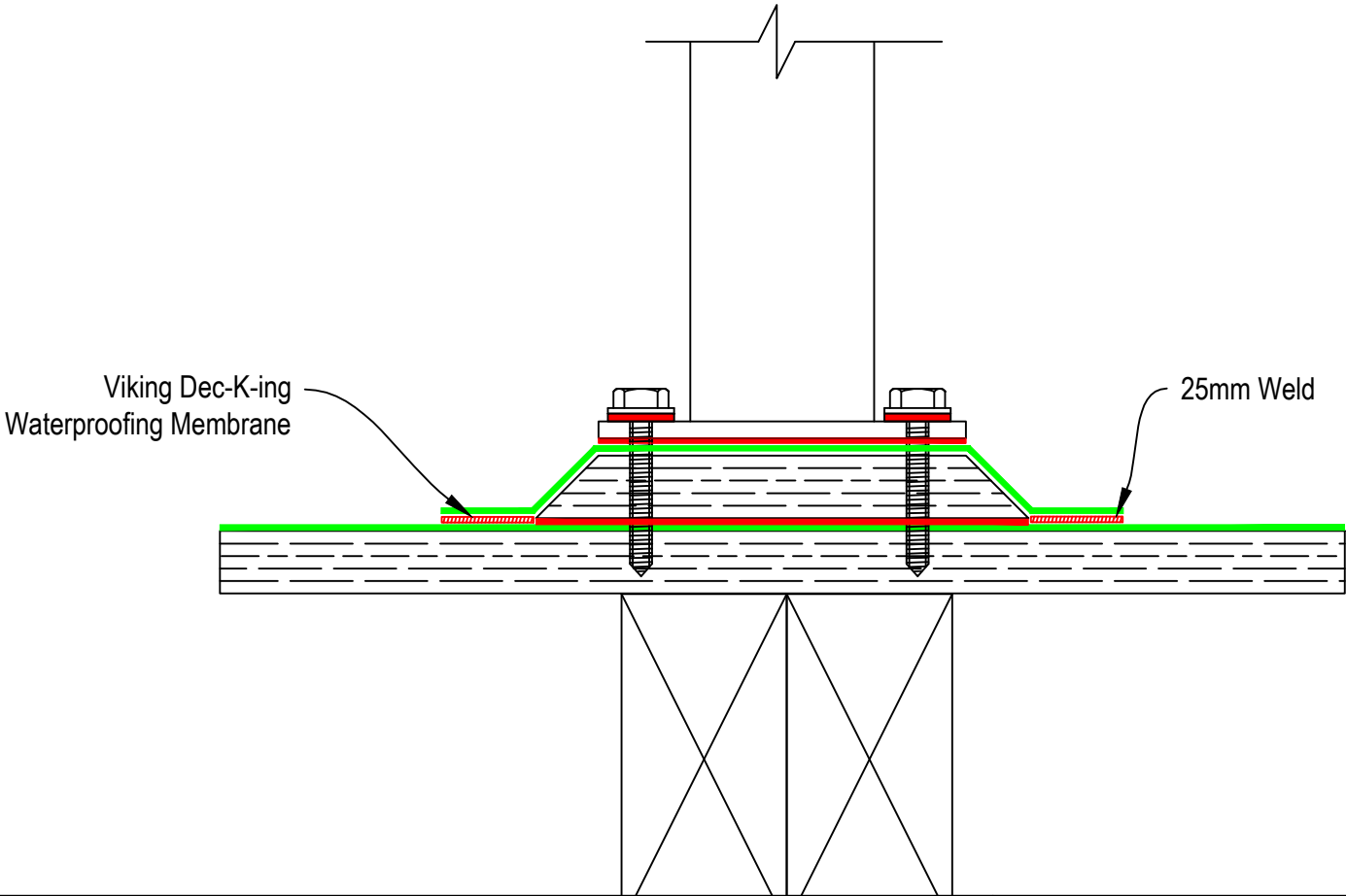
Viking Clamped drain as overflow through Parapet

Sealant to cladding by builder

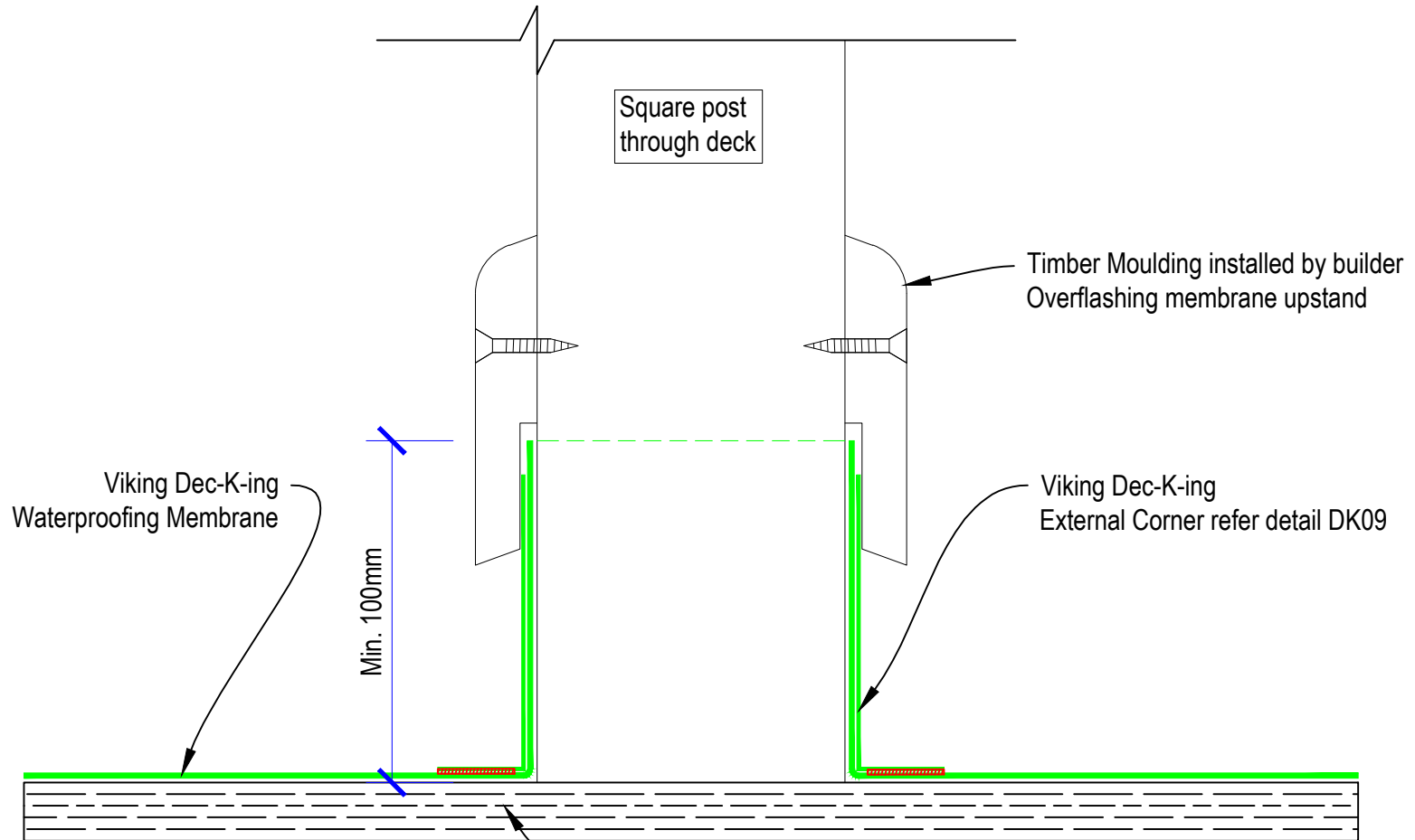
Viking Dec-K-ing Waterproofing Membrane

50mm - 75mm

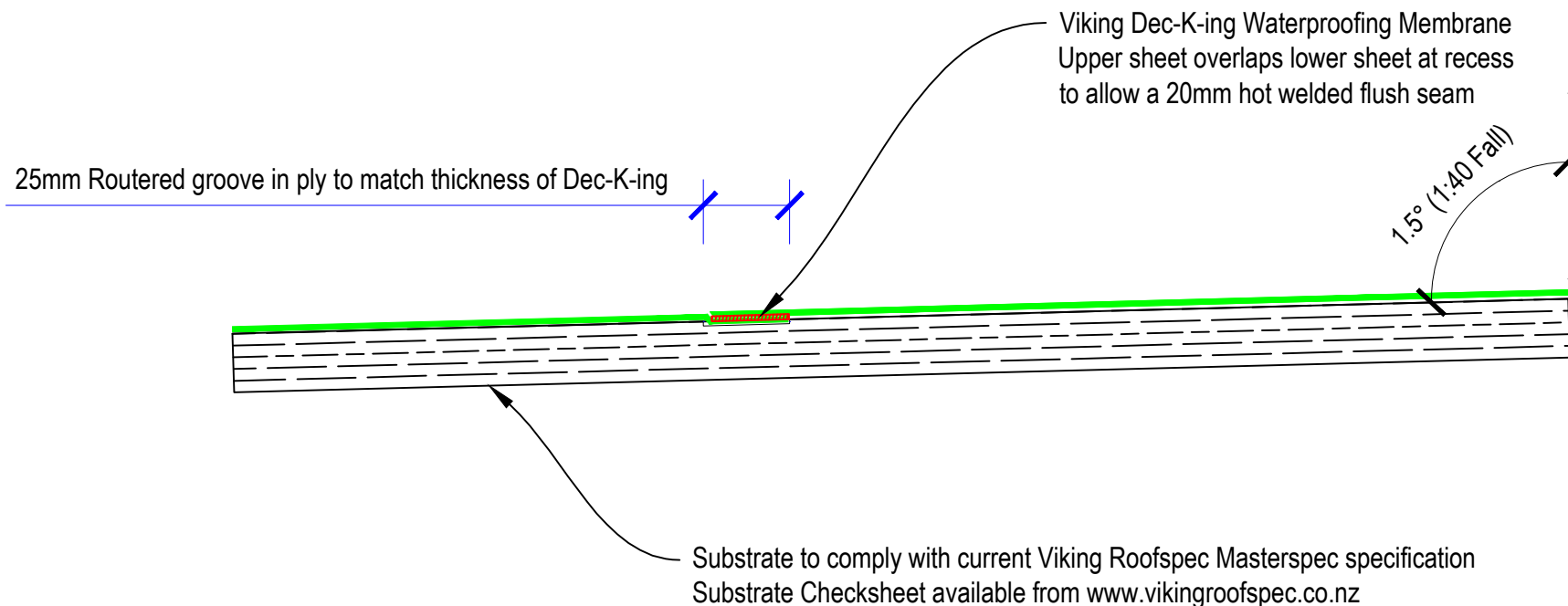
Although Viking Roofspec do not recommend fixing posts or plant through the top of Membrane roofs or decks if this is required then use of a plinth detail provides that fixings by other trades are keep off the main deck area. Viking Roofspec recommend that any fixing of posts or plant is kept independent of the membrane roof/deck ideally through vertical surfaces such as parapets or deck edges. All fixings should be sealed and shrouded. Note: Viking Roofspec or our Approved Applicators do not warranty fixings installed by other trades.



	DRAWING TITLE		NOTES:		DRAWING STATUS	
	DK14 Dec-K-ing Plinth		1/ Substrate Indicative Only 2/ No fillets required at upstands for Dec-K-ing		INFORMATION ONLY	
					Not to Scale	DATE
					DRAWN	Detail Ref.
					SERIES	

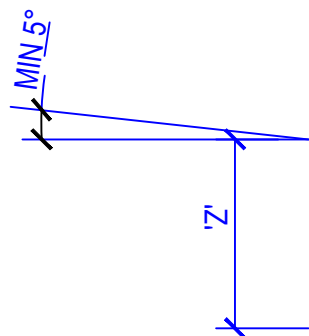


Substrate to comply with current Viking Roofspec Masterspec specification
Substrate Checksheet available from www.vikingroofspec.co.nz



Minimum 10mm Radius to all External corners

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

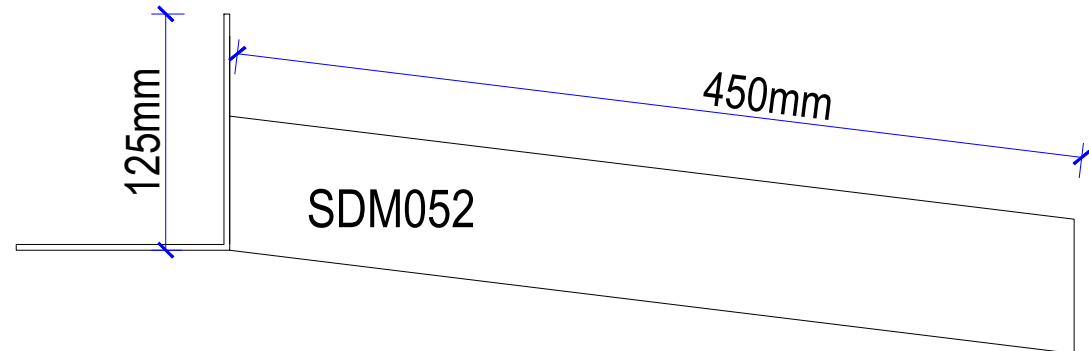
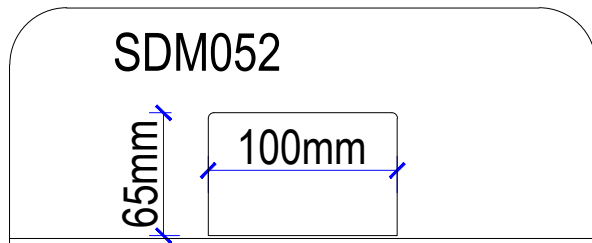
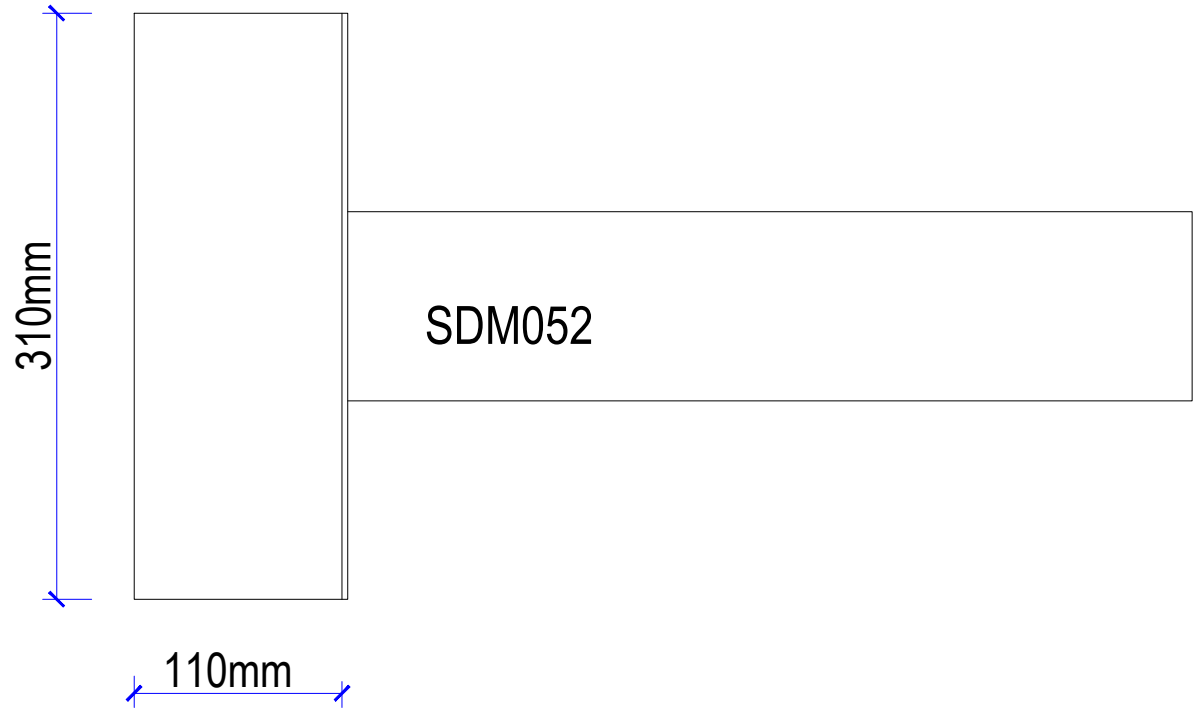



Viking Fastening Bar SDF110
must install if no Metal Cap

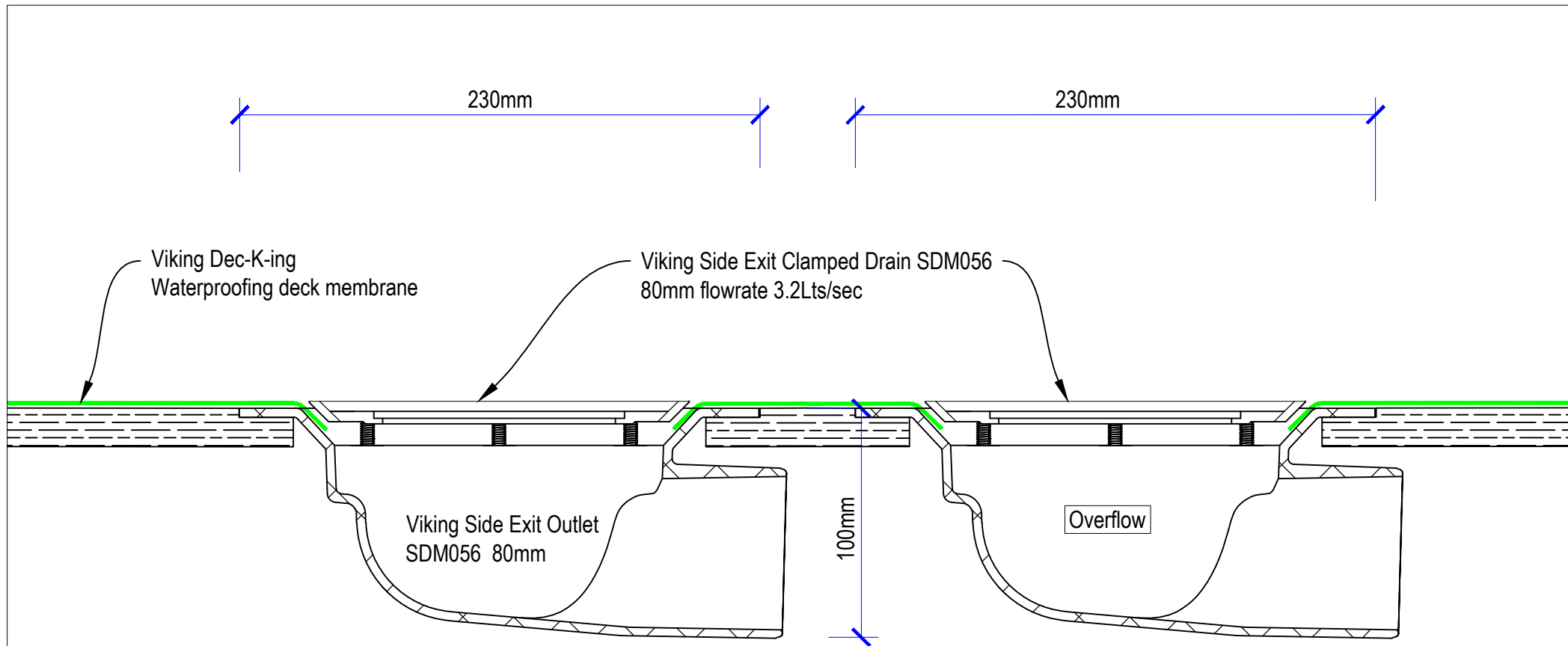
Viking Dec-K-ing
Waterproofing Membrane

5mm Gap

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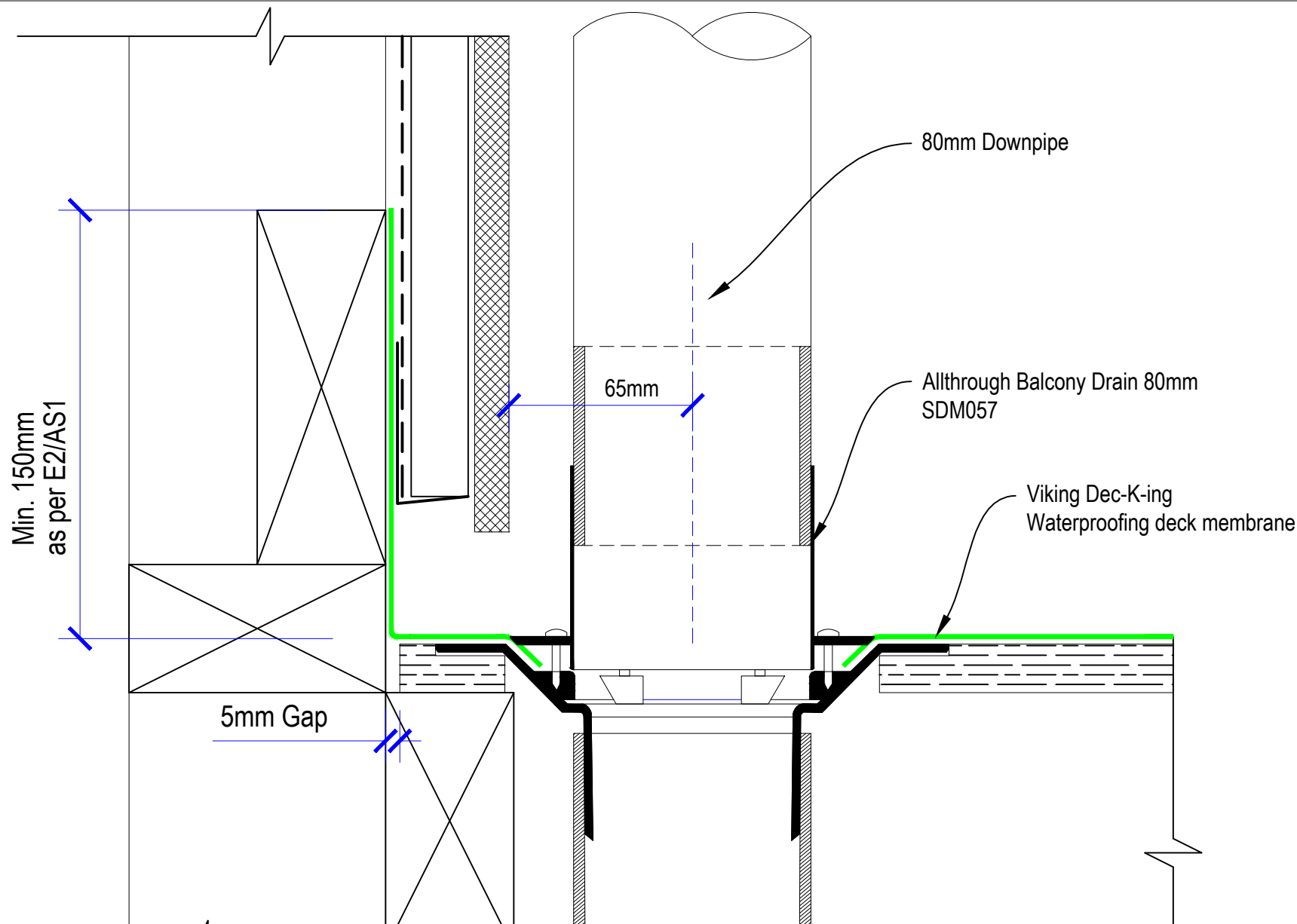


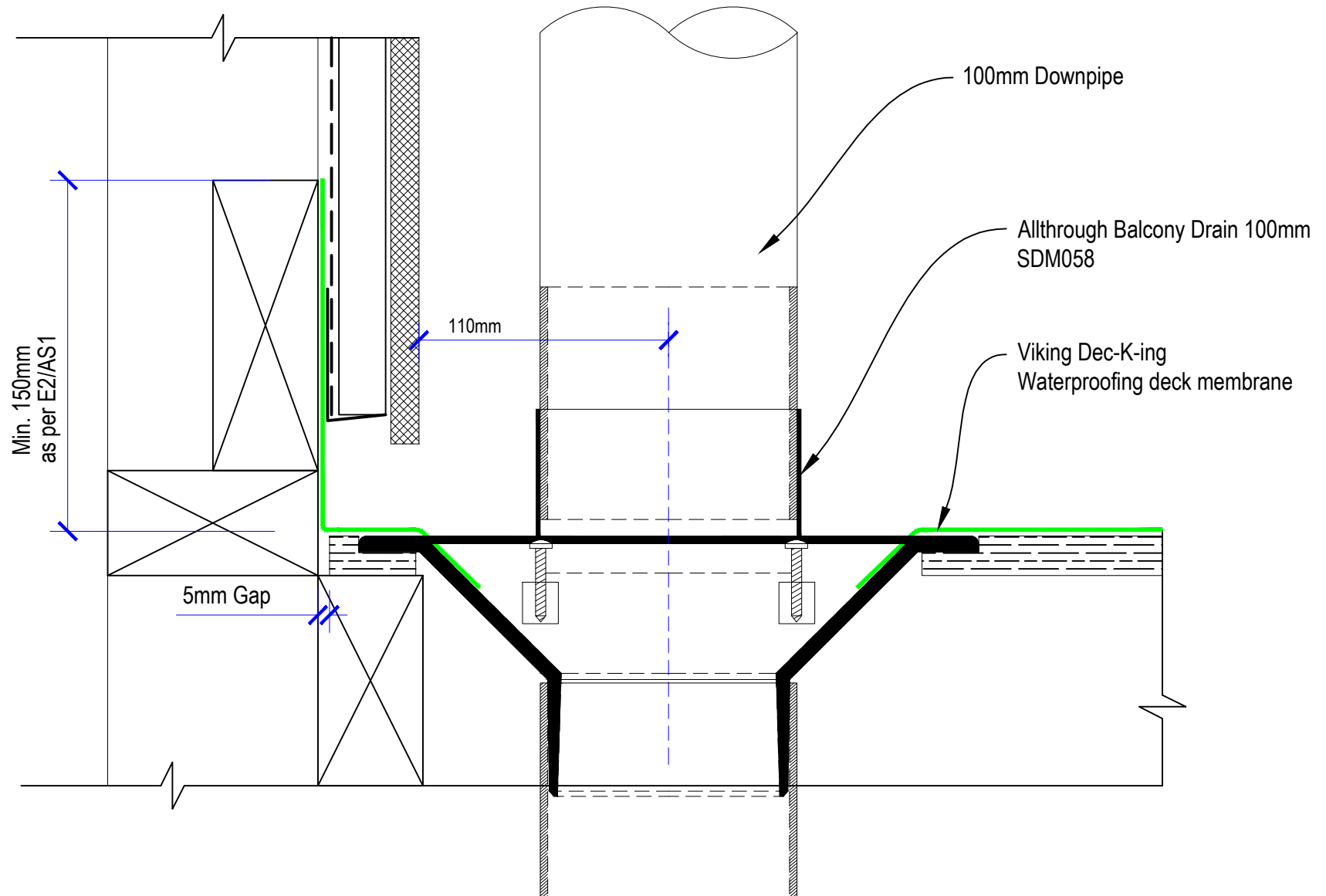
	DRAWING TITLE		NOTES:		DRAWING STATUS	
	Viking Dec-K-ing Dec-K-ing Scupper 100 x 65mm SDM052		1/ Substrate Indicative Only 2/ No fillets required at upstands for Dec-K-ing		INFORMATION ONLY	
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					DRAWN	Detail Ref.
					SERIES	

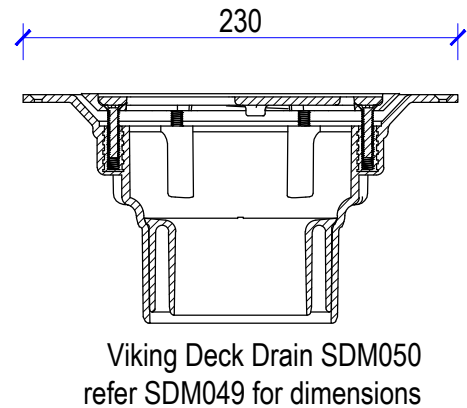
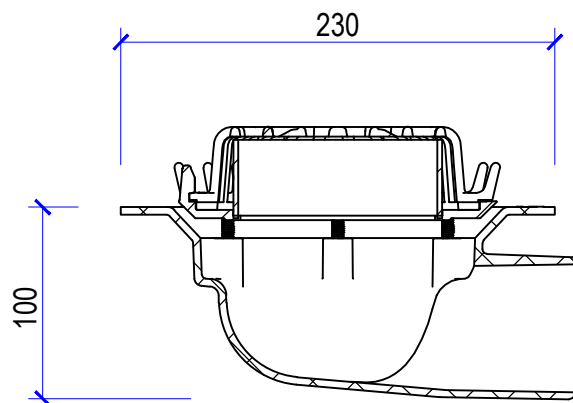
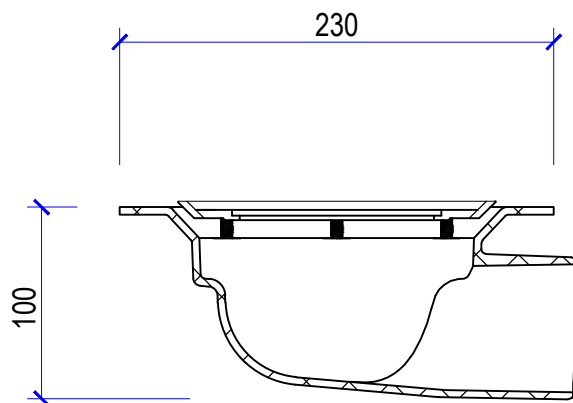
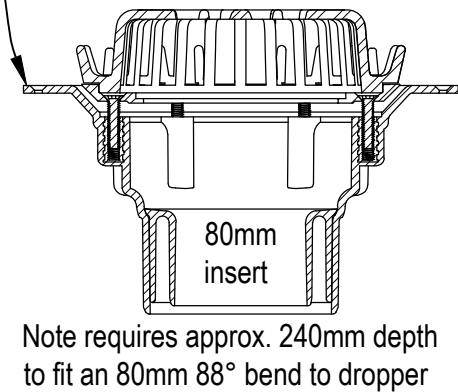
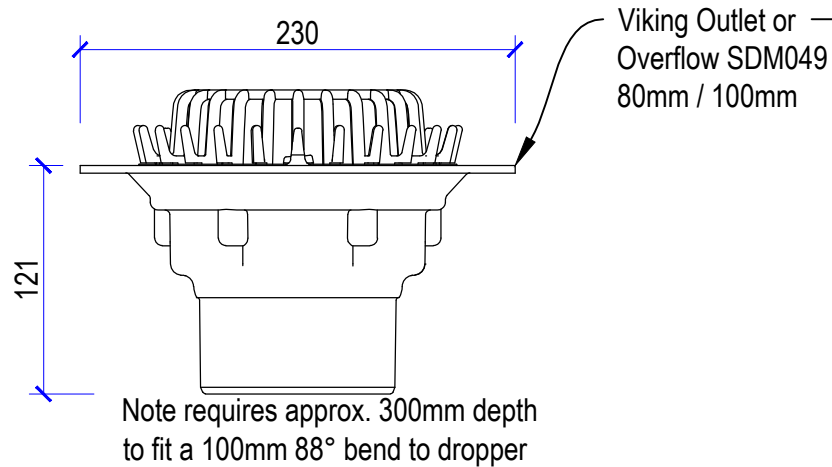
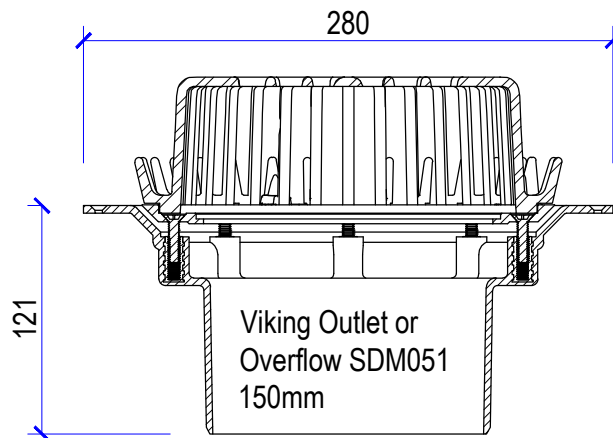


Note:

- 1/ Install Overflow 50mm higher than outlet
- 2/ Overflow to match outlet capacity.
- 3/ Overflow to be plumbed independent of stormwater, through soffit or exterior wall

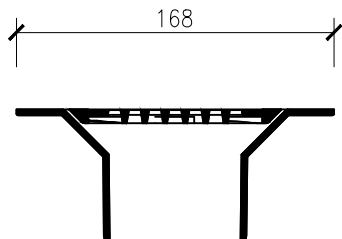




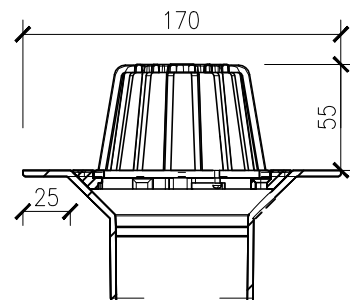


Flowrates in Litres / Sec
 SDM051 150mm = 7.6
 SDM049 80mm/100mm = 3.26/5.09
 SDM050 80mm/100mm = 3.26/5.09

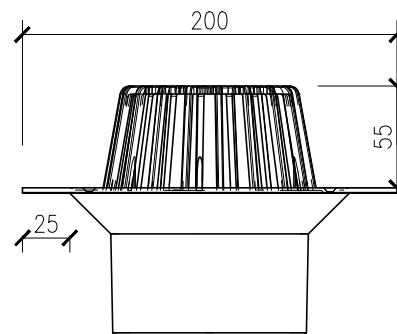
Note: Metal components are 304 Grade Stainless Steel



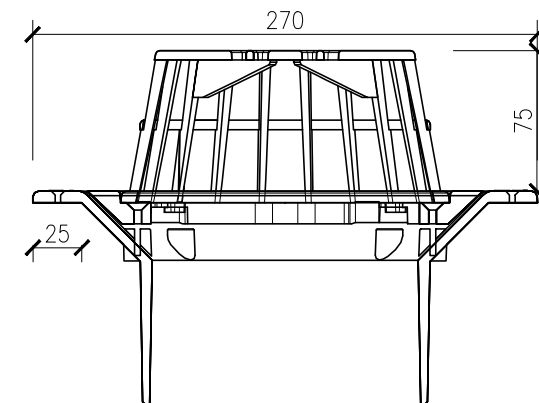
SDM032
80mm PVC Flat Chrome Drain
Flowrate 3.26 Lts / sec



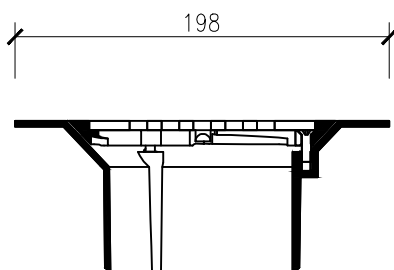
SDM036
80mm PVC Drain
Flowrate 3.26 Lts / sec



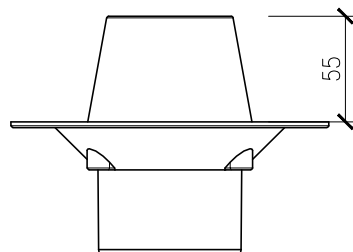
SDM037
100mm PVC Drain
Flowrate 5.09 Lts / sec



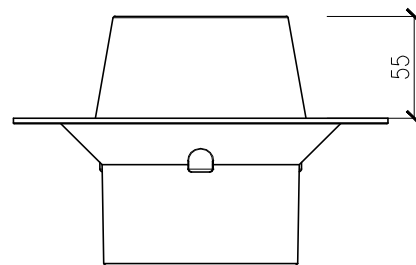
SDM038
150mm PVC Drain
Flowrate 11.26 Lts / sec



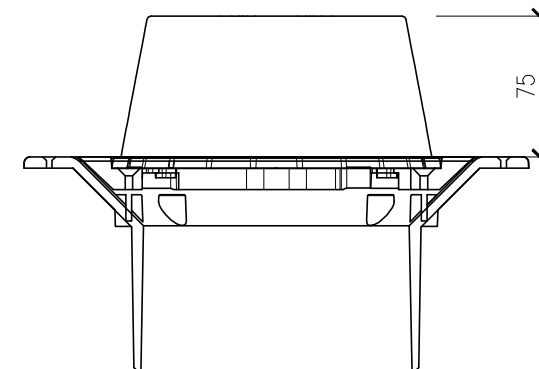
SDM033
100mm PVC Flat Chrom Drain
Flowrate 5.09 Lts / sec



SDM046
80mm PVC Overflow
Flowrate 3.26 Lts / sec

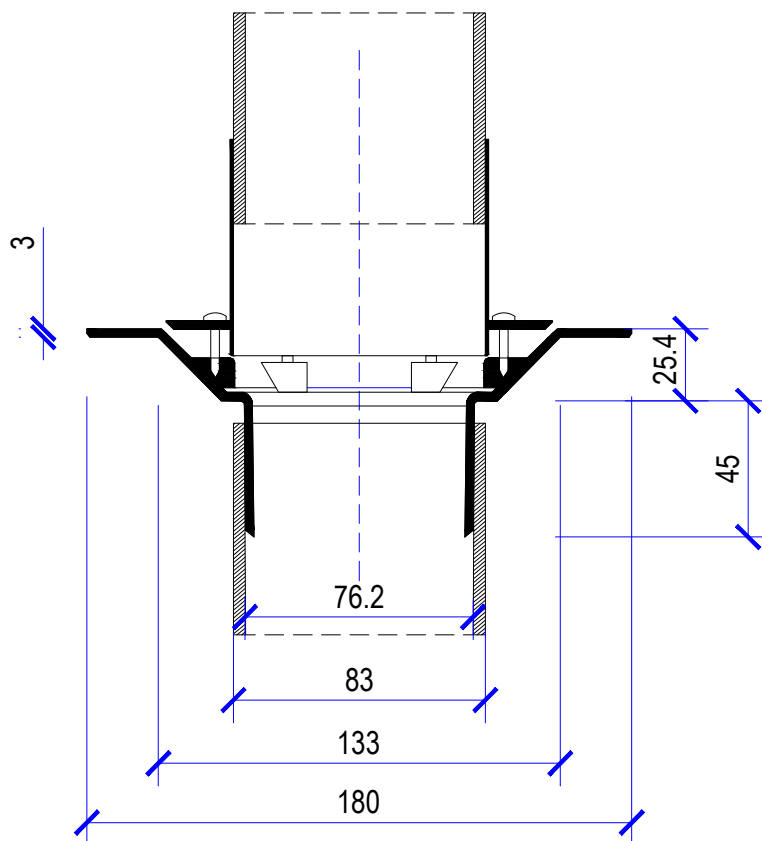


SDM047
100mm PVC Overflow
Flowrate 5.09 Lts / sec



SDM048
150mm PVC Overflow
Flowrate 11.26 Lts / sec

SDM057
80mm PVC Allthrough Deck Drain



SDM058
100mm PVC Allthrough Deck Drain

