Espan 340® / 470®

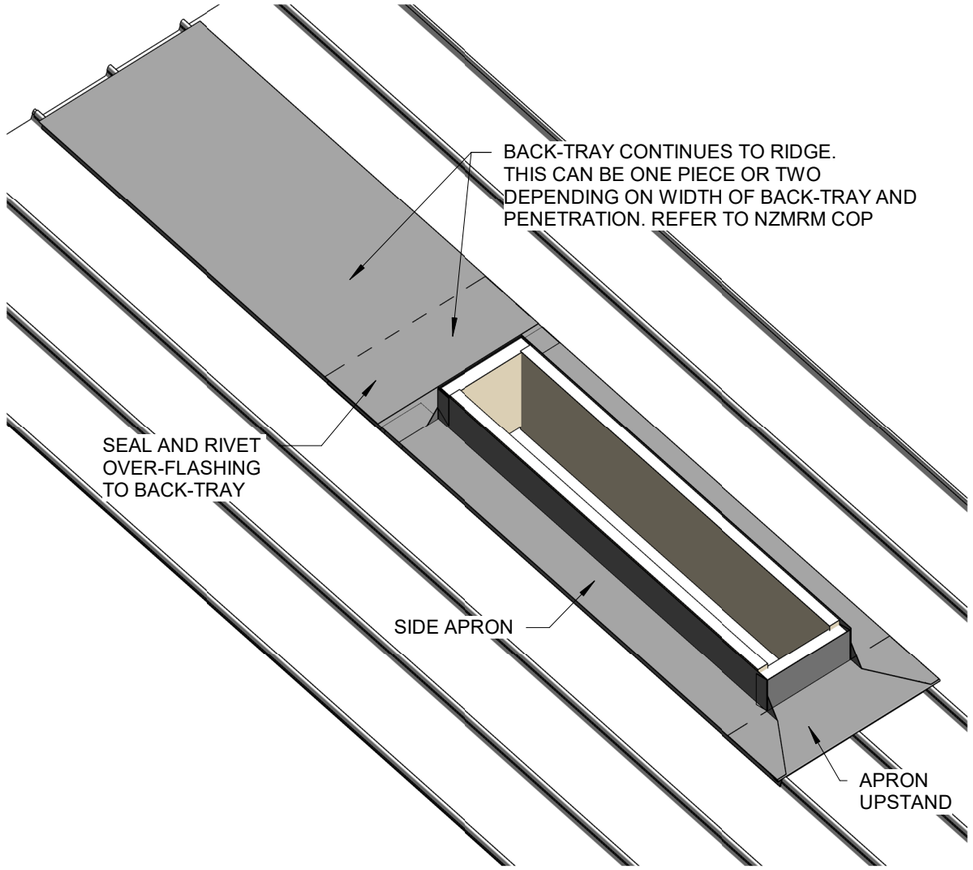
Espan Penetrations

DETAIL LIST		Revision	Date
F 01	LEVEL OVER FLASHING	2.0	FEB 2022
F 02	LEVEL OVER FLASHING DETAILS	2.0	FEB 2022
F 03	LEVEL UNDER SOAKER	2.0	FEB 2022
F 04	LEVEL UNDER SOAKER DETAIL	2.0	FEB 2022
F 05	CRICKET OVER FLASHING	2.0	FEB 2022
F 06	CRICKET OVER FLASHING DETAILS	2.0	FEB 2022
F 07	CRICKET UNDER SOAKER	2.0	FEB 2022
F 08	CRICKET UNDER SOAKER DETAILS	2.0	FEB 2022

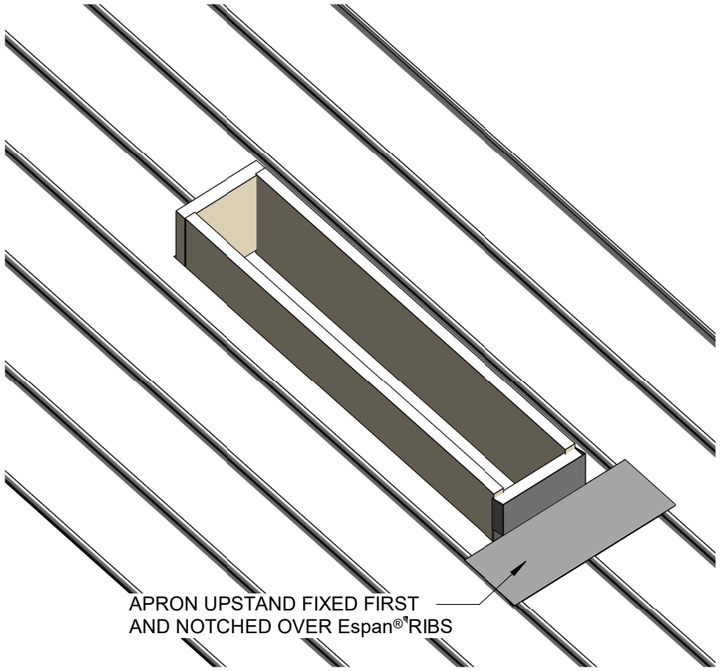
Metalcraft Roofing

FOR PENETRATIONS WIDER THAT 600mm OR THOSE IN AGGRESSIVE ENVIRONMENTS OR IN SITUATIONS WHERE MAINTENANCE IS DIFFICULT, A CRICKET FLASHING IS REQUIRED.

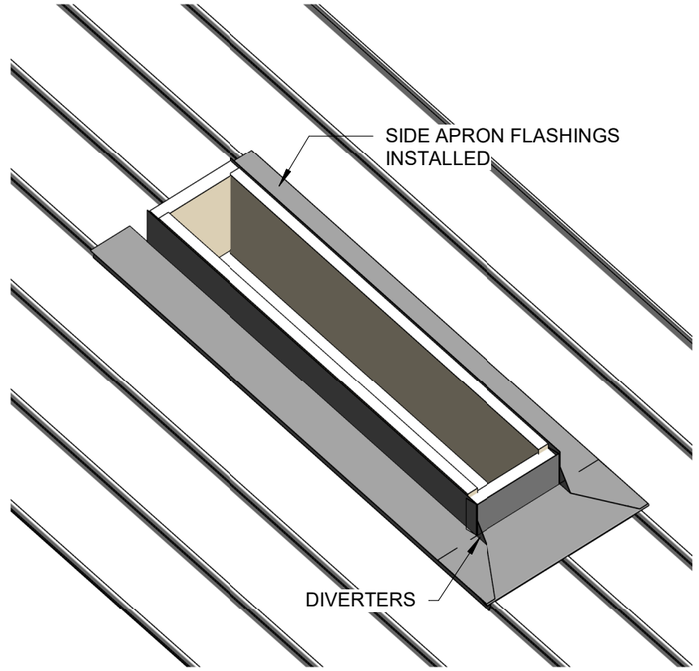
REFER TO NZMRM COP FOR MORE INFORMATION AND GUIDELINES ON PENETRATIONS



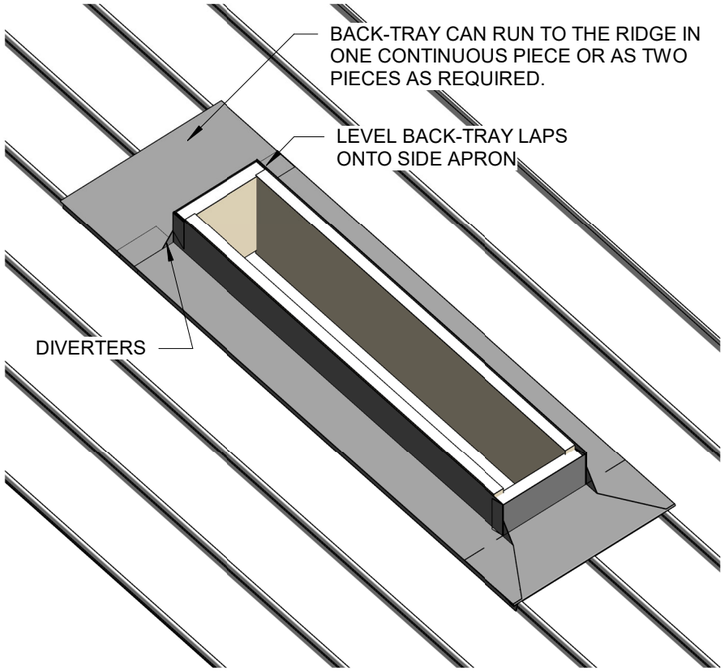
FULLY INSTALLED LEVEL OVER-TRAY PENETRATION DETAIL



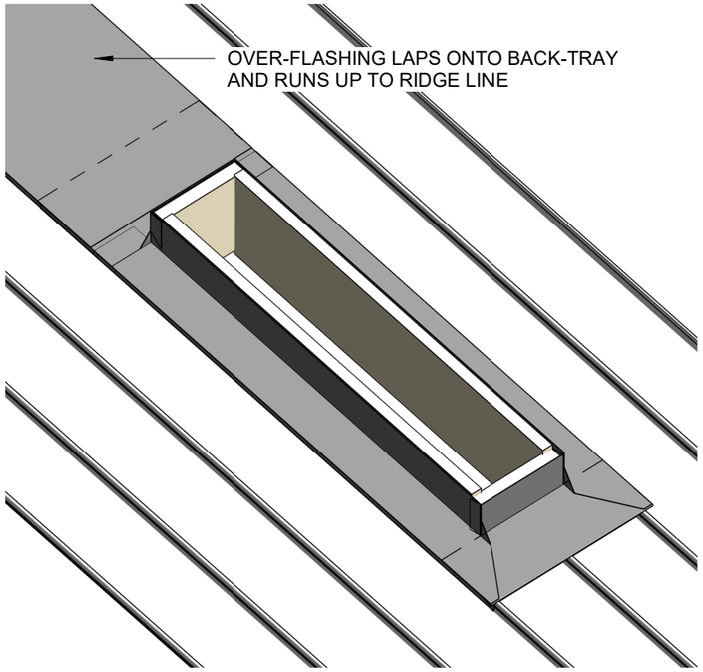
INSTALLATION STAGE 1



INSTALLATION STAGE 2



INSTALLATION STAGE 3



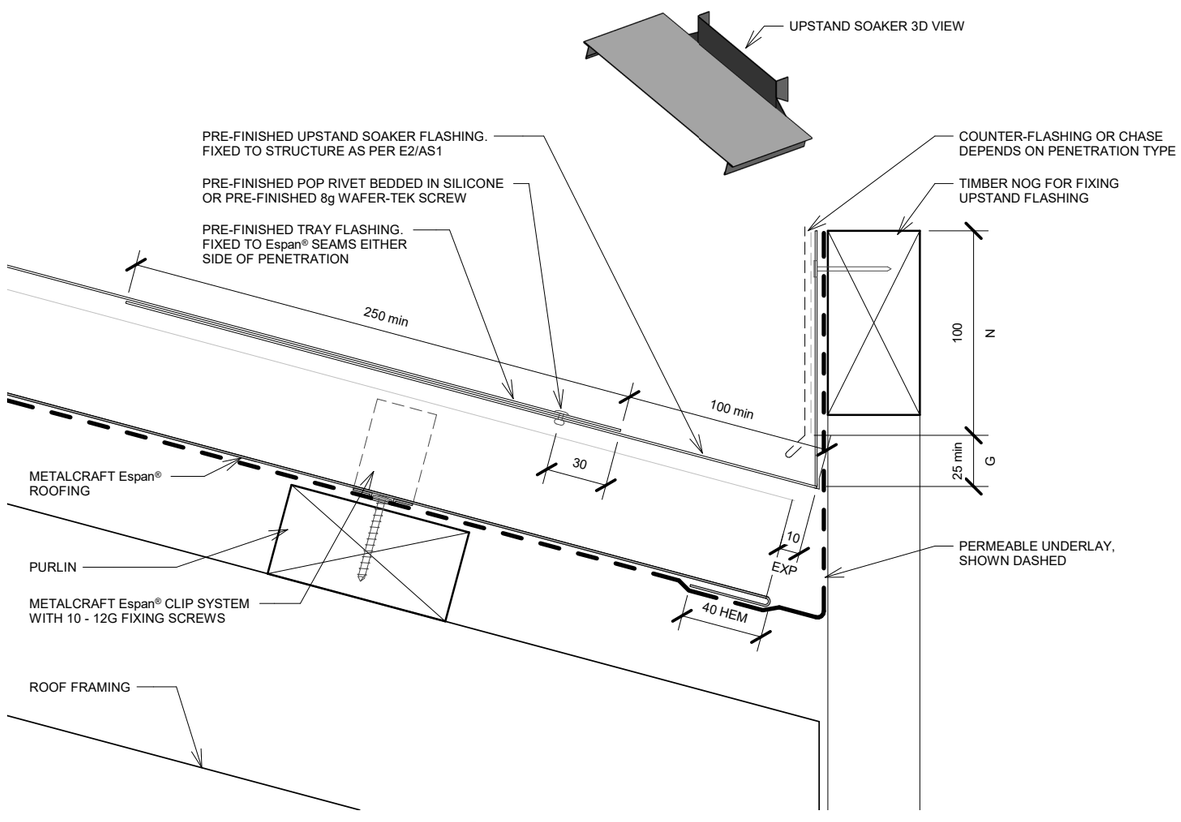
INSTALLATION STAGE 4

Metalcraft Roofing

LEVEL OVER FLASHING

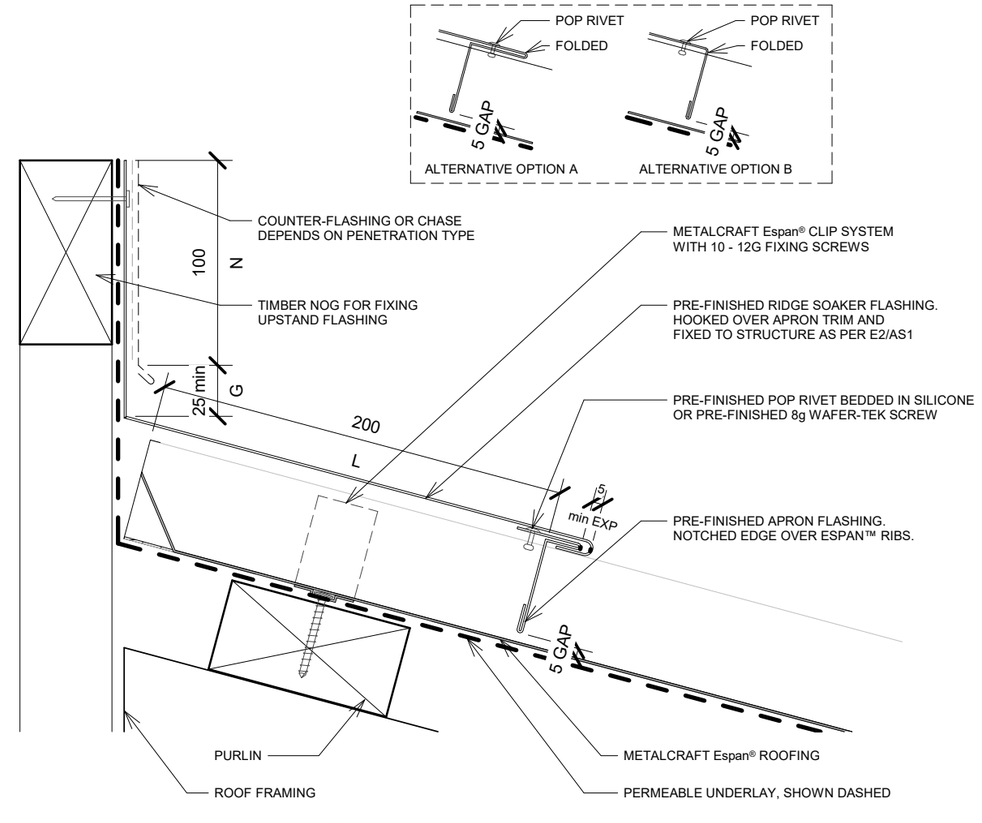
Espan 340® / 470® | Rev. 2.0 | Espan Penetrations

Reference - | Date FEB 2022 | Scale | Sheet F 01



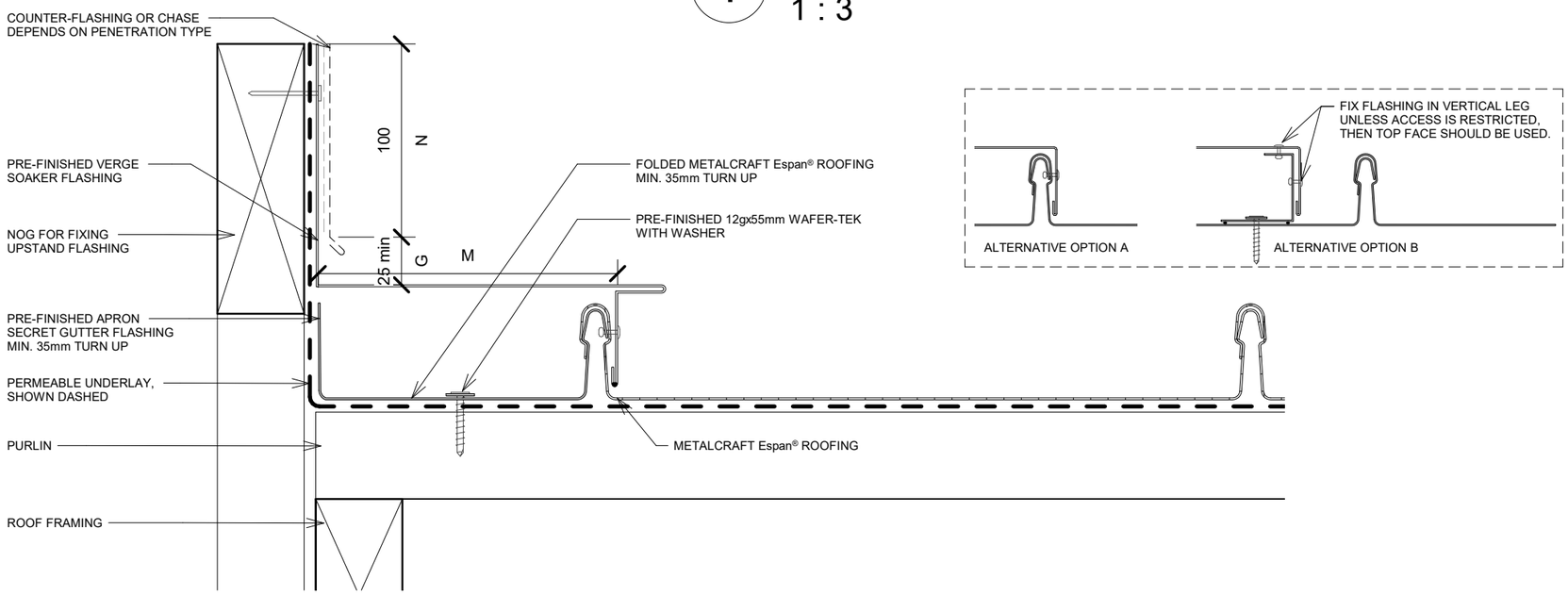
2 Upstand With Over-Tray

1 : 3



1 Ridge Soaker Upstand

1 : 3



3 Verge Soaker Upstand

1 : 3

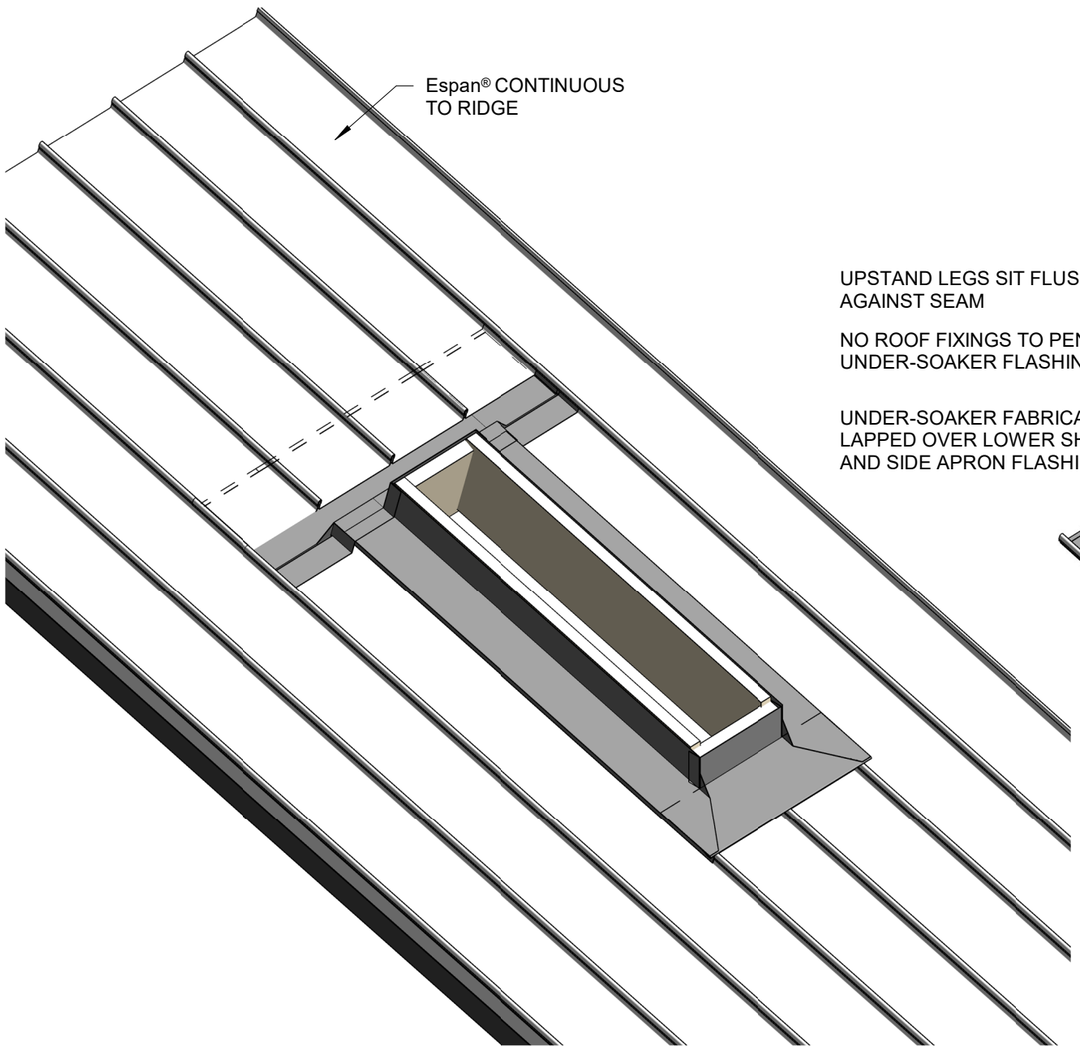
LEVEL OVER FLASHING DETAILS

Espan 340™ / 470™ Rev. 2.0 Espan Penetrations

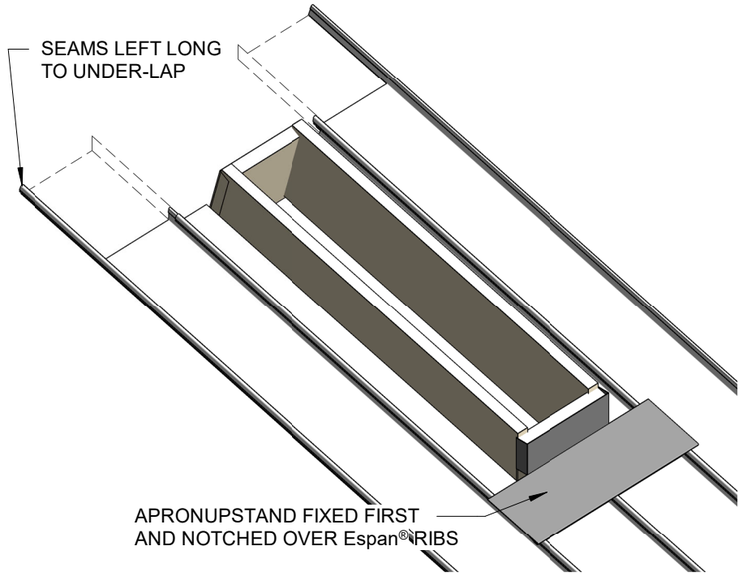
Reference - Date FEB 2022 Scale As Indicated Sheet F 02

LEVEL UNDER-SOAKER UPSTANDS ARE SUITABLE FOR PENETRATIONS UP TO 600mm WIDE AND ONLY SUITABLE FOR SMALL CATCHMENTS.
REFER TO NZMRM COP FOR MORE INFORMATION AND GUIDELINES ON PENETRATIONS

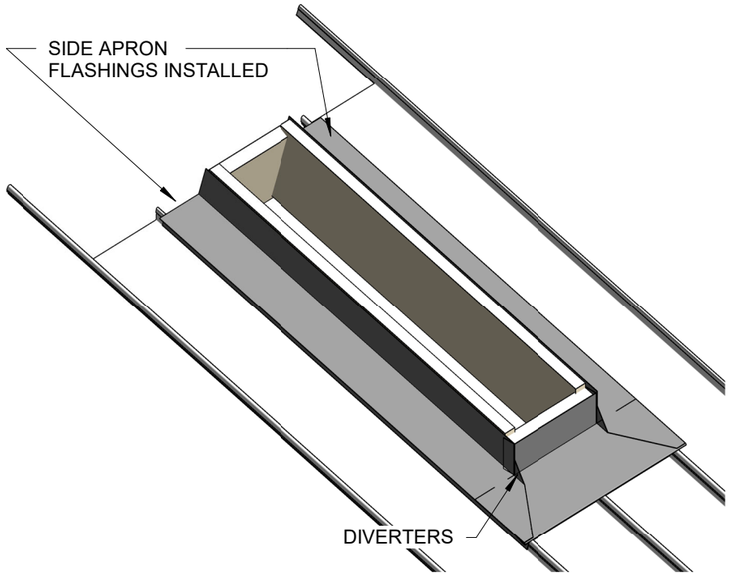
FOR PENETRATIONS WIDER THAN 600mm OR THOSE IN AGGRESSIVE ENVIRONMENTS OR IN SITUATIONS WHERE MAINTENANCE IS DIFFICULT, A CRICKET IS PREFERRED.
REFER TO NZMRM COP FOR MORE INFORMATION AND GUIDELINES ON PENETRATIONS



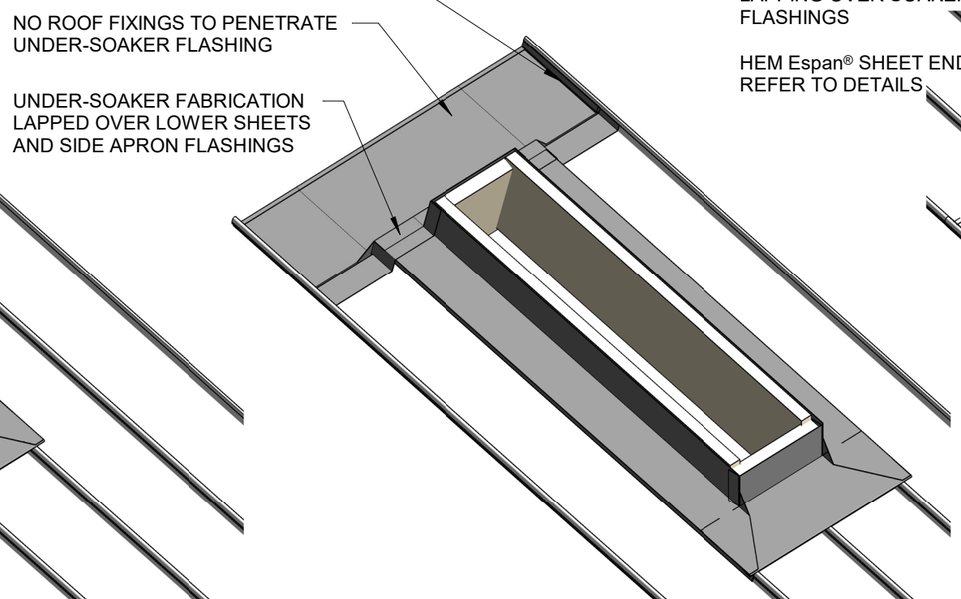
FULLY INSTALLED LEVEL UNDER-SOAKER PENETRATION DETAIL



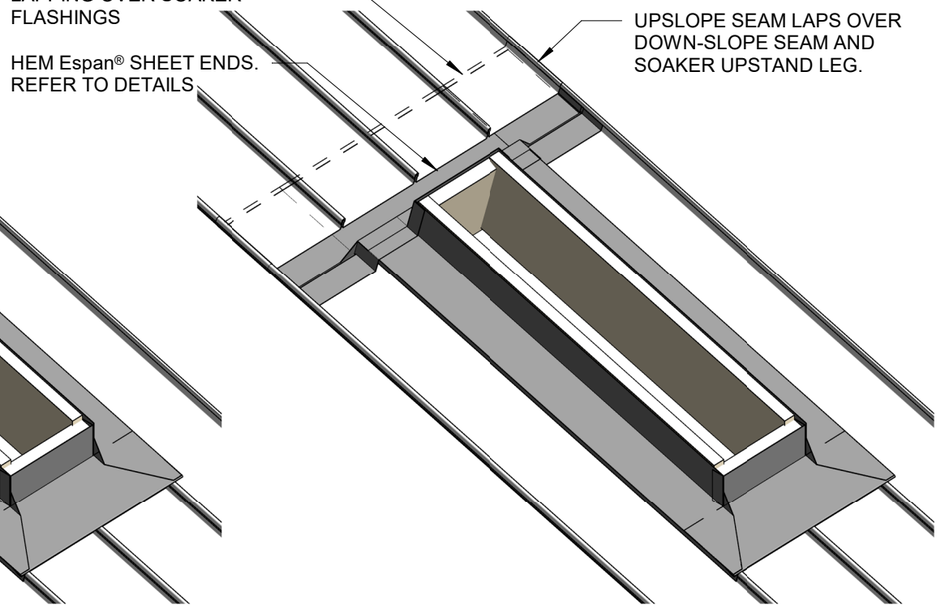
INSTALLATION STAGE 1



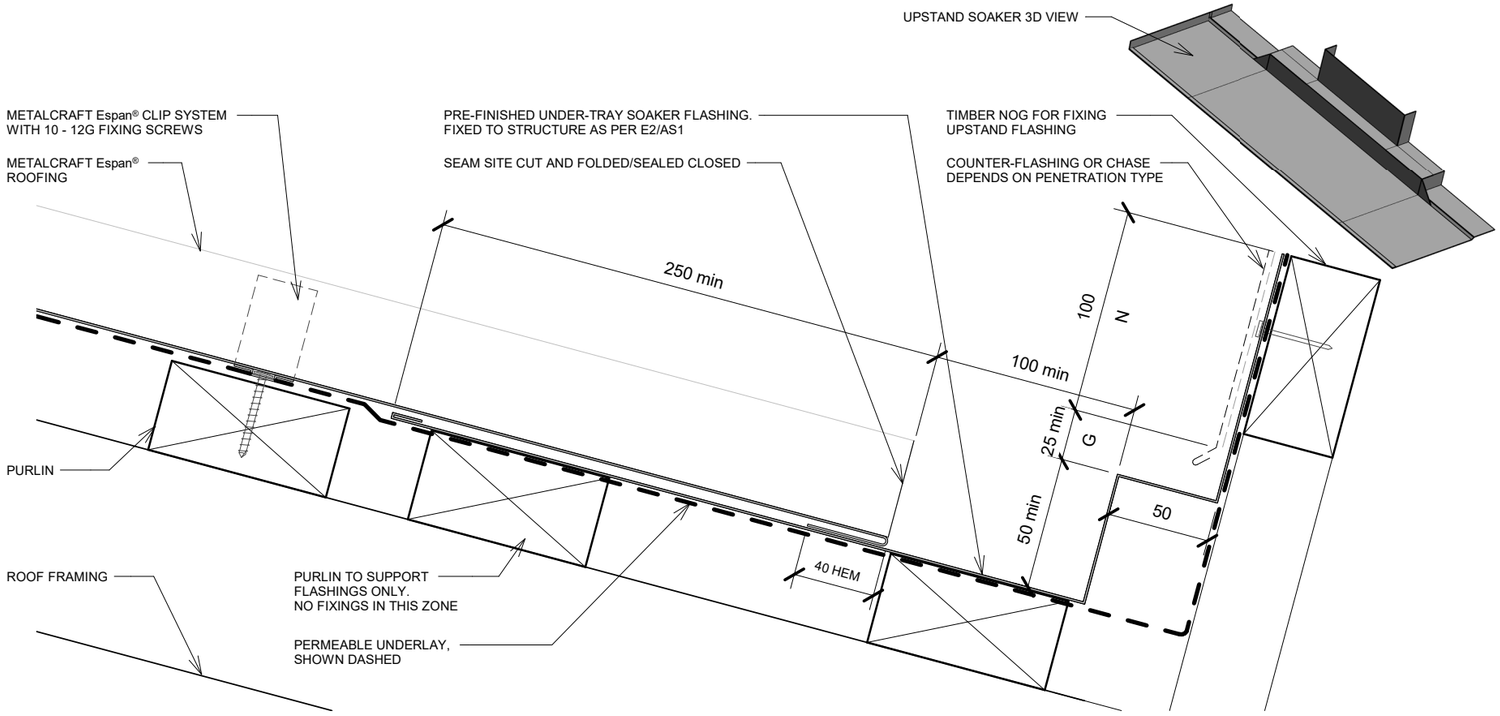
INSTALLATION STAGE 2



INSTALLATION STAGE 3

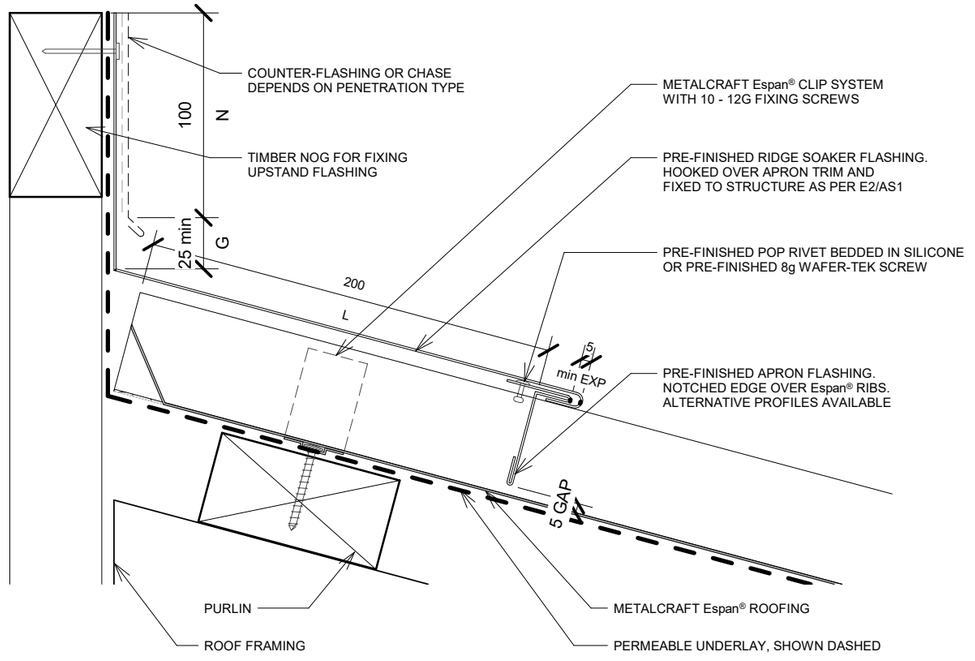


INSTALLATION STAGE 4



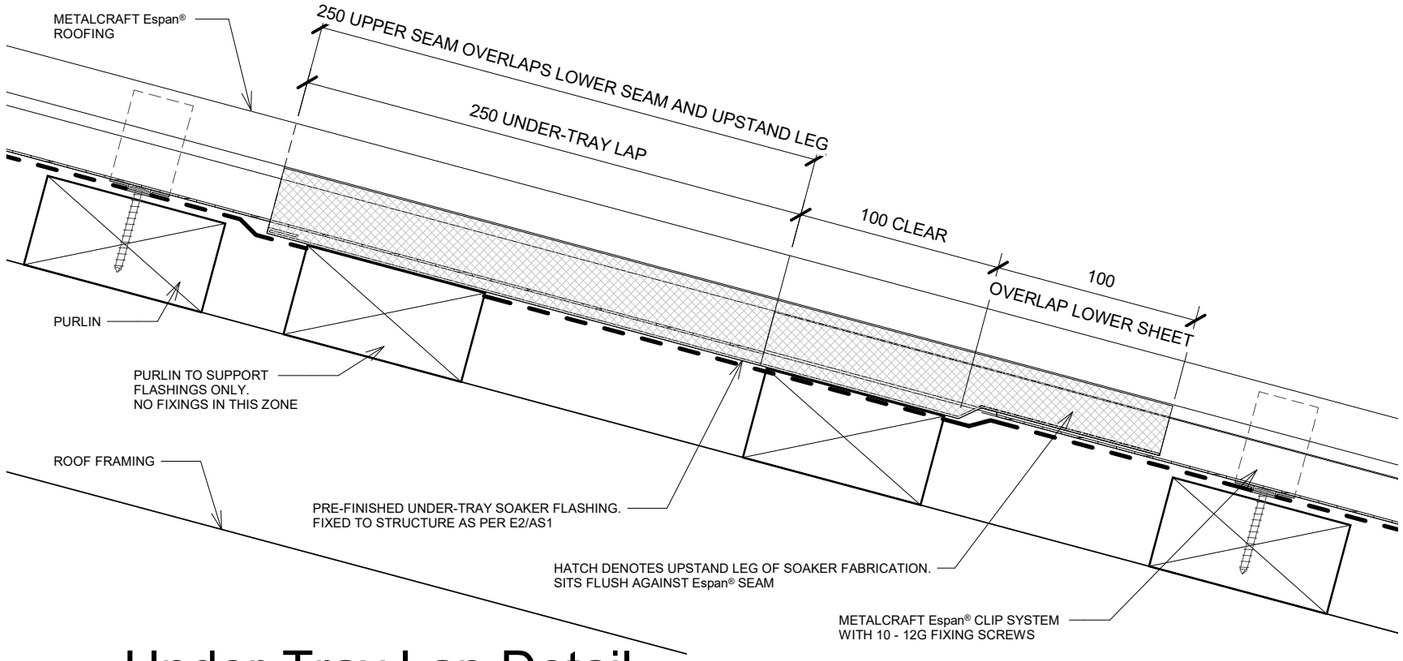
1 Upstand With Under-Tray

1 : 3



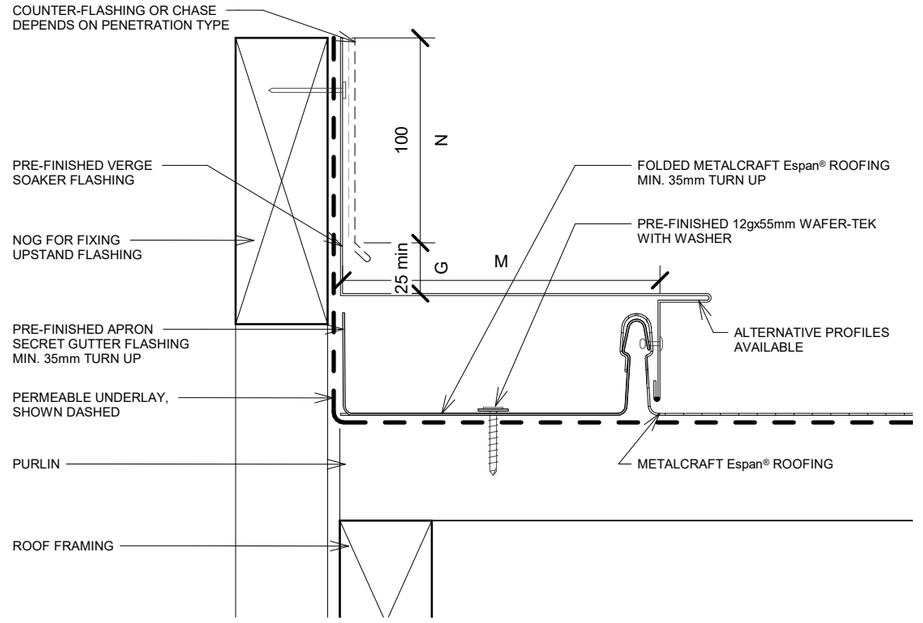
2 Ridge Soaker Upstand Dtl

1 : 3



4 Under-Tray Lap Detail

1 : 3



3 Verge Soaker Upstand Dtl

1 : 3

DISCLAIMER:
All details are to be used for indicative purposes only and the designer should consult both the MRM code of practice version 3.0 / 2019, E2 and all other relevant building codes
Details of the supporting mechanisms are indicative only. Compliance of the supporting mechanisms is the responsibility of the designer. Construction detail can vary for wall cladding. The underlay is detailed as a single line for simplicity and is indicative only. Building paper type and method of installation should comply with underlay manufacturers recommendations and NZBC regulations.

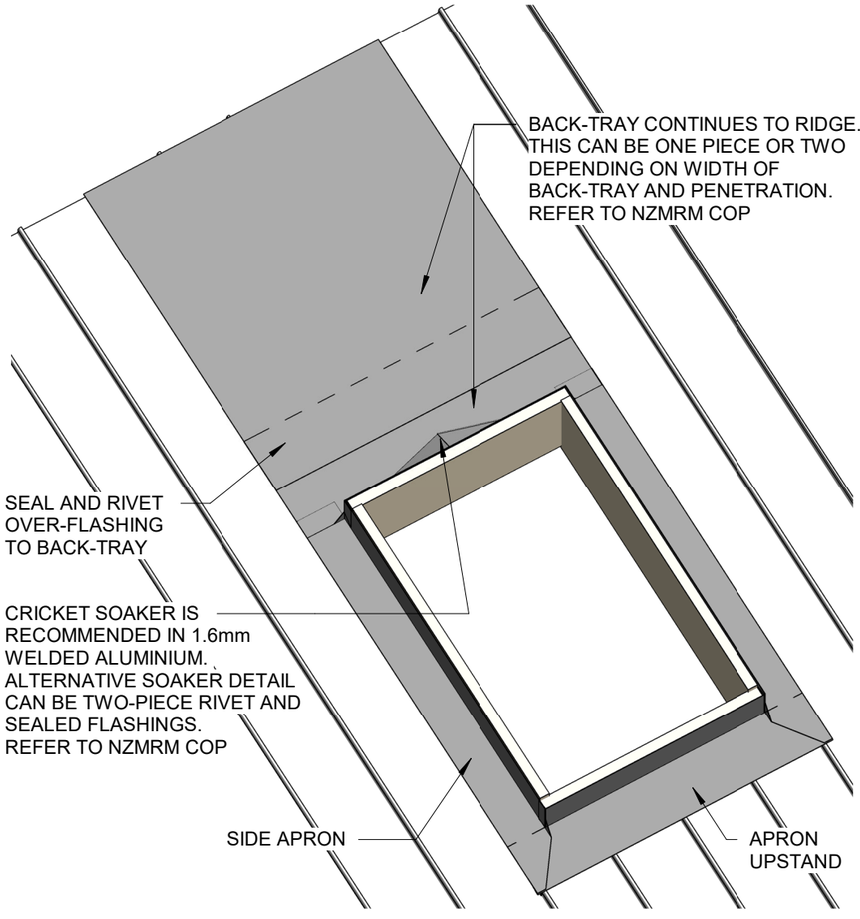
LEVEL UNDER SOAKER DETAIL

Espan 340® / 470® Rev. 2.0 Espan Penetrations

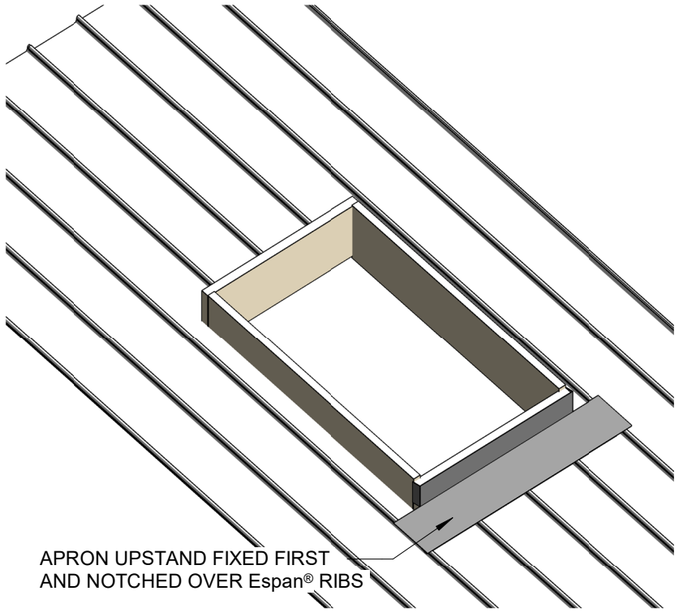
Reference - Date FEB 2022 Scale 1 : 3 Sheet F 04

CRICKET OVER FLASHINGS ARE REQUIRED FOR PENETRATIONS OVER 600mm WIDE AND ARE SUITABLE FOR LARGER CATCHMENTS.
REFER TO NZMRM COP FOR MORE INFORMATION AND GUIDELINES ON PENETRATIONS

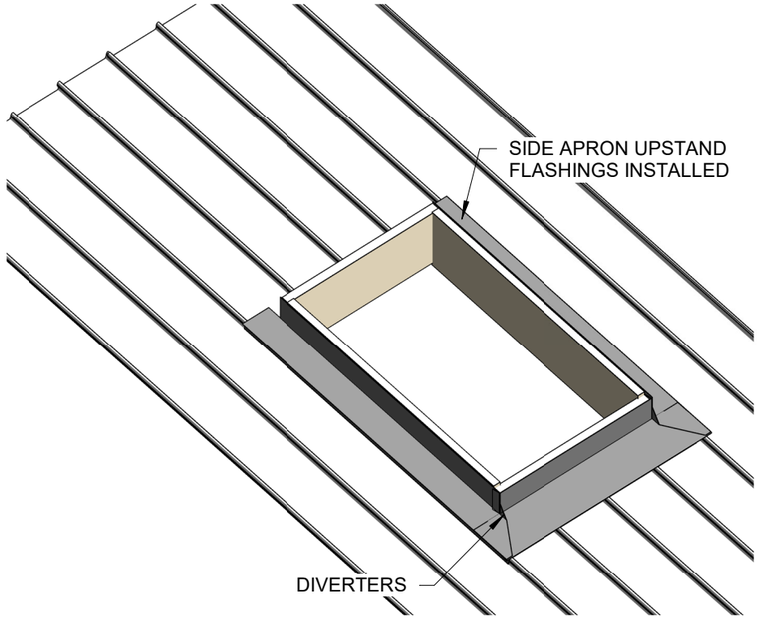
THE MAXIMUM WIDTH OF A WATERSHED FLASHING IS CONTROLLED BY THE COIL WIDTH OF 1.2m. THE PRACTICE OF MAKING WIDER WATERSHED FLASHINGS BY RUNNING FLASHINGS HORIZONTALLY WITH LAPS AT 1.1m IS NOT ACCEPTABLE, AS THE NUMEROUS JOINTS ARE PRONE TO LEAKAGE. WIDER WATERSHED FLASHINGS CAN BE FABRICATED USING LONGITUDINAL STANDING-SEAM TECHNIQUES ON SUITABLE SUPPORT. REFER NZMRM CODE OF PRACTICE.



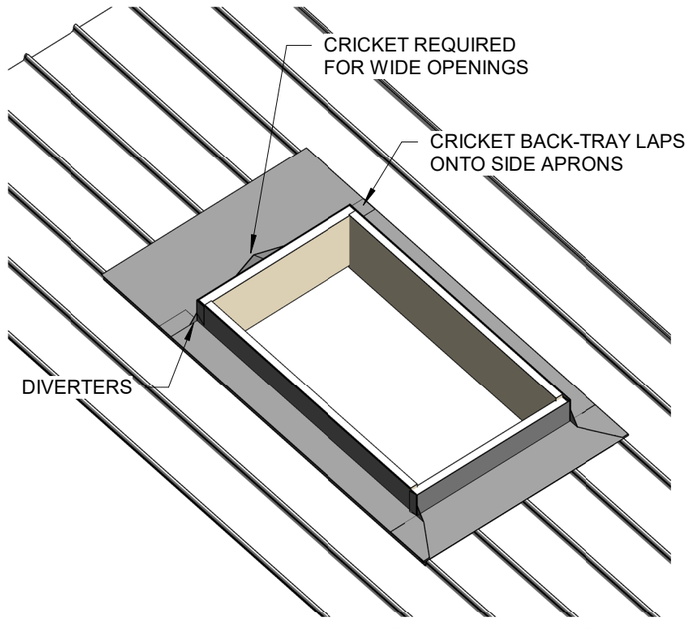
FULLY INSTALLED CRICKET OVER-FLASHING TO WIDE OPENING >600mm



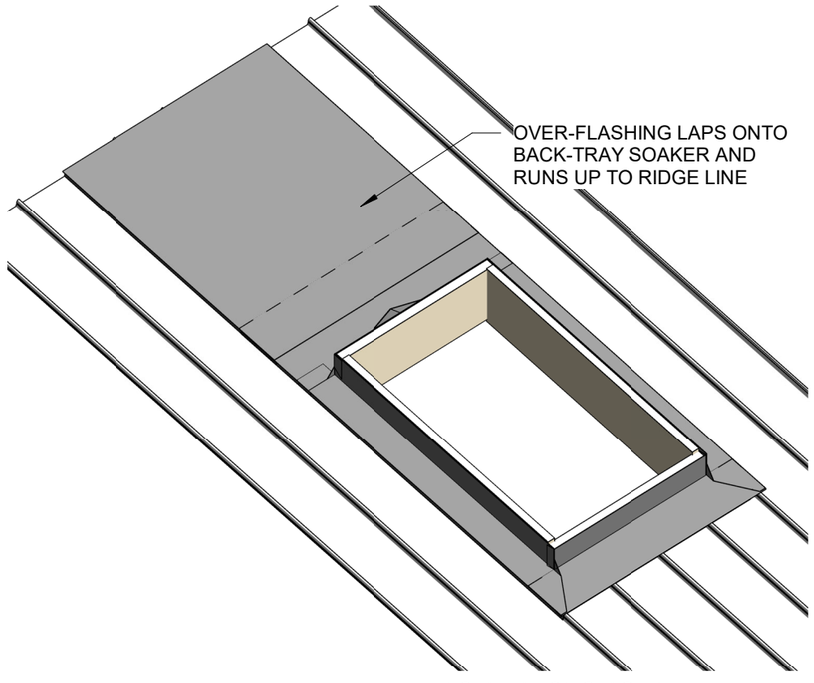
INSTALLATION STAGE 1



INSTALLATION STAGE 2



INSTALLATION STAGE 3



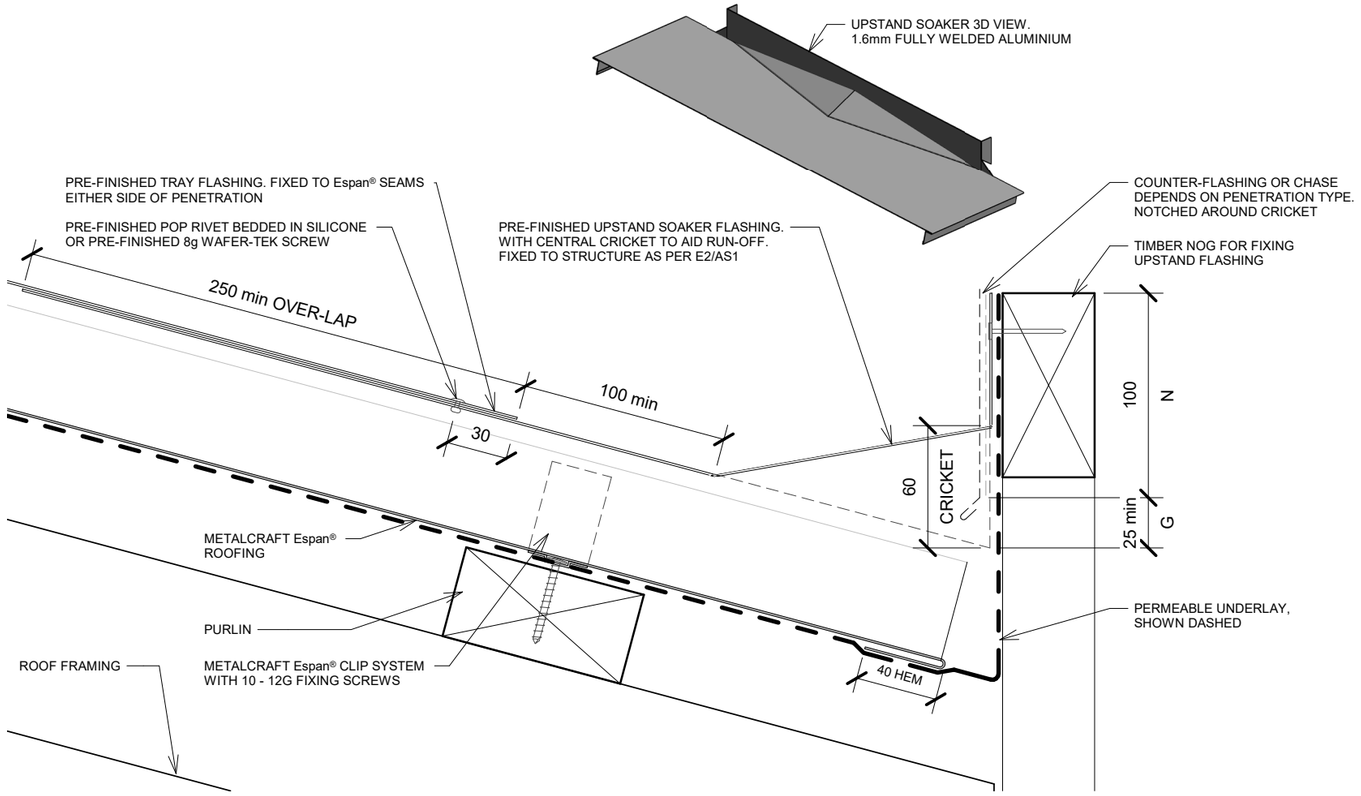
INSTALLATION STAGE 4

Metalcraft Roofing

CRICKET OVER FLASHING

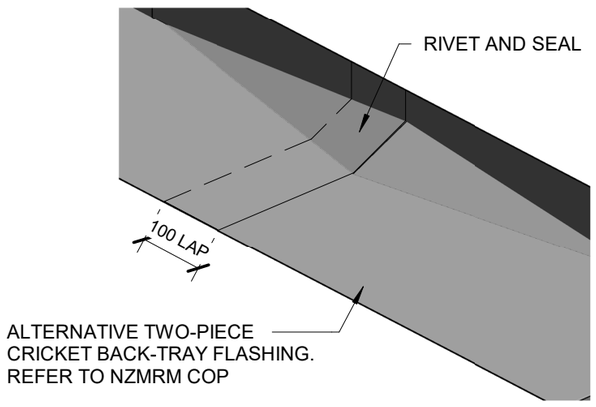
Espan 340® / 470® | Rev. 2.0 | Espan Penetrations

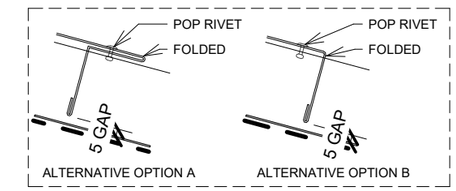
Reference - | Date FEB 2022 | Scale | Sheet F 05

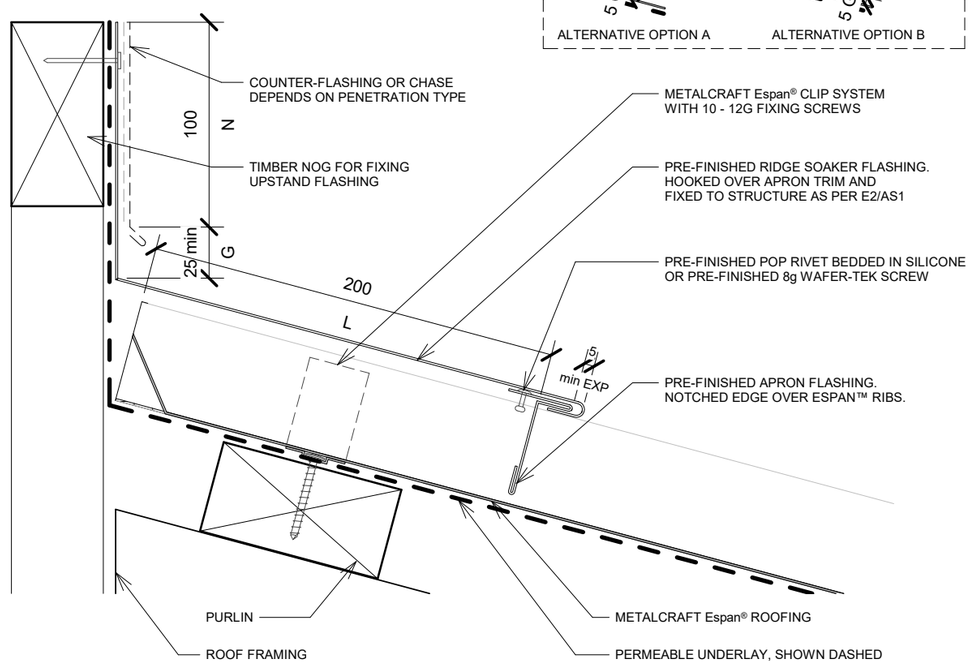


1 Wide Upstand Over-Tray

1 : 3

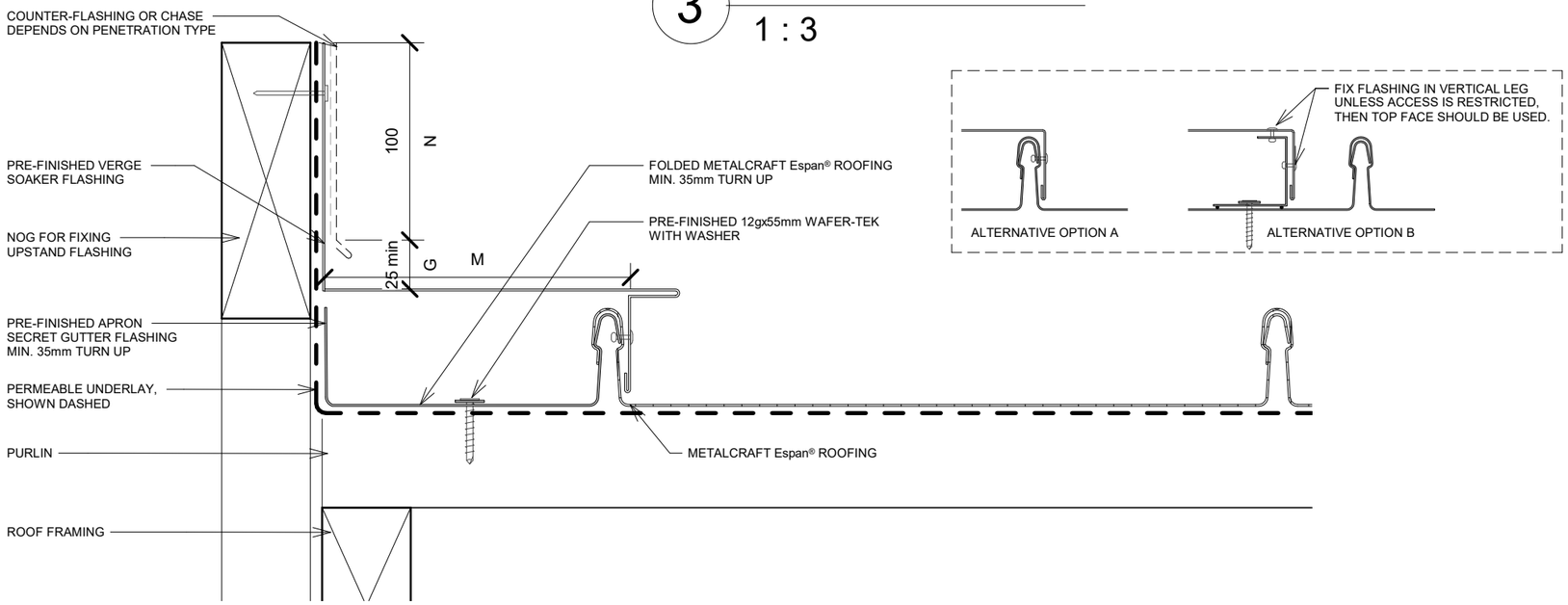






3 Ridge Upstand

1 : 3



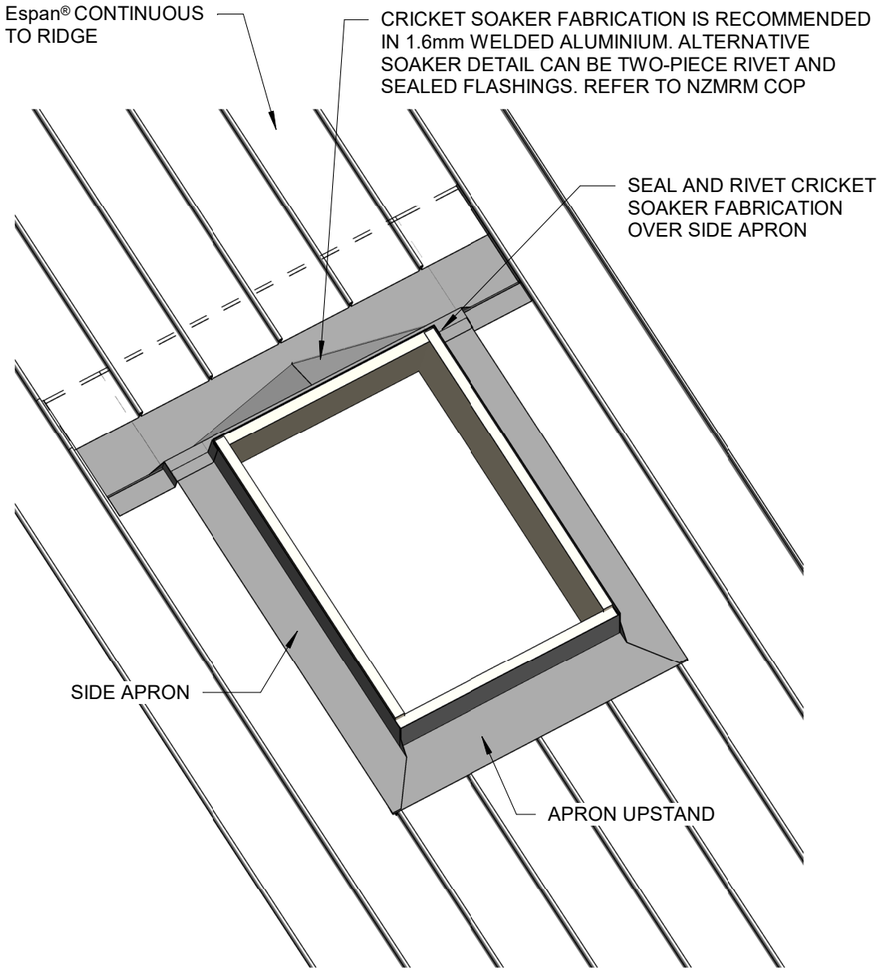
2 Verge Upstand

1 : 3

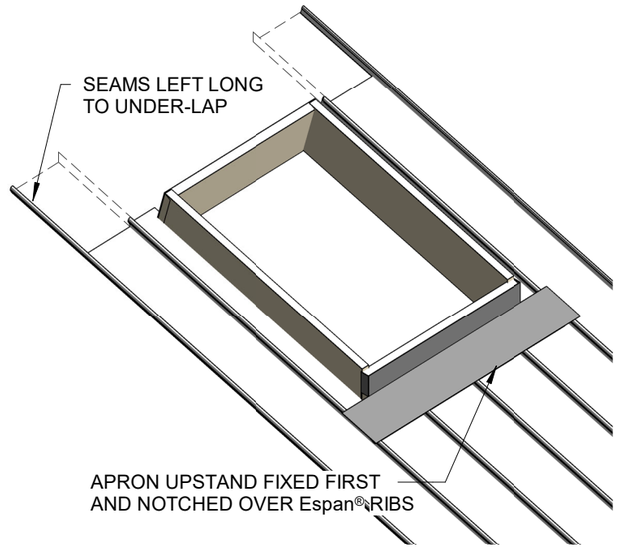
Metalcraft Roofing

CRICKET OVER FLASHING DETAILS

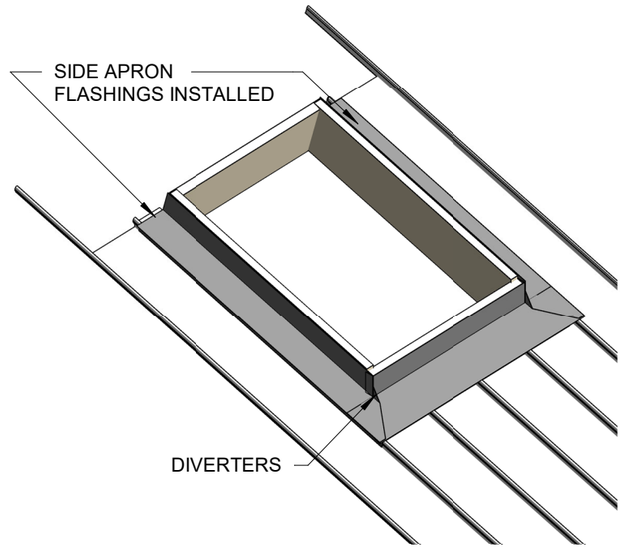
CRICKET OVER-FLASHINGS ARE REQUIRED FOR PENETRATIONS OVER 600mm WIDE AND SUITABLE FOR LARGER CATCHMENTS.
REFER TO NZMRM COP FOR MORE INFORMATION AND GUIDELINES ON PENETRATIONS



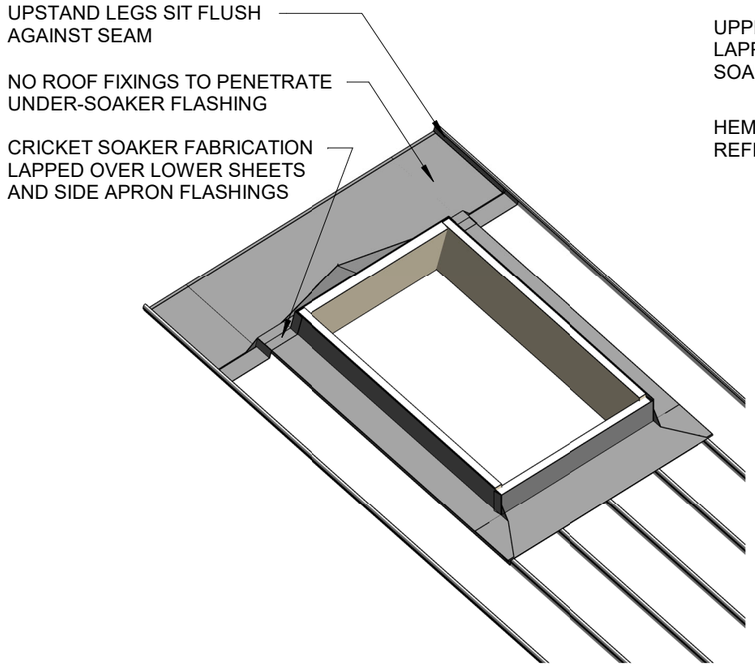
FULLY INSTALLED CRICKET UNDER-SOAKER TO WIDE OPENING >600mm



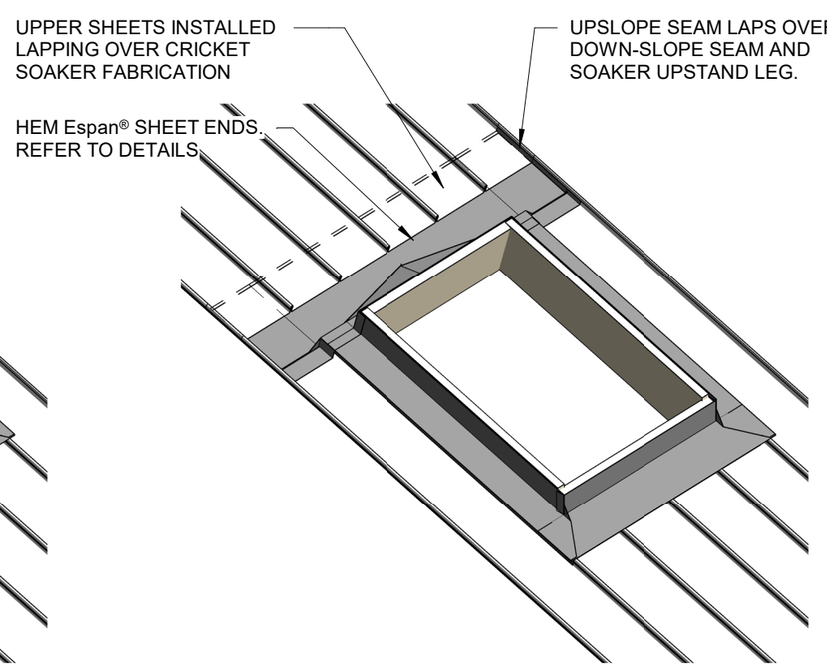
INSTALLATION STAGE 1



INSTALLATION STAGE 2



INSTALLATION STAGE 3



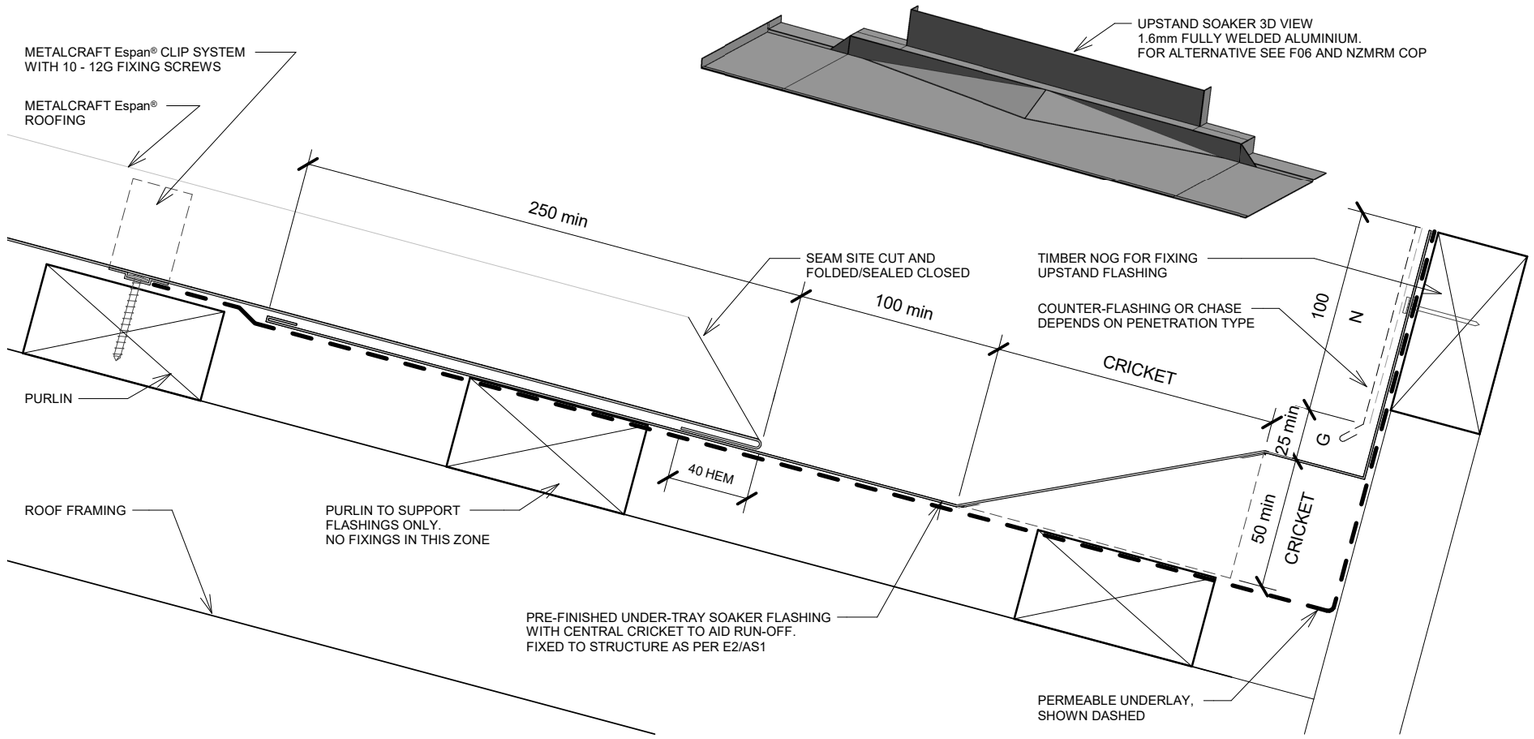
INSTALLATION STAGE 4

Metalcraft Roofing

CRICKET UNDER SOAKER

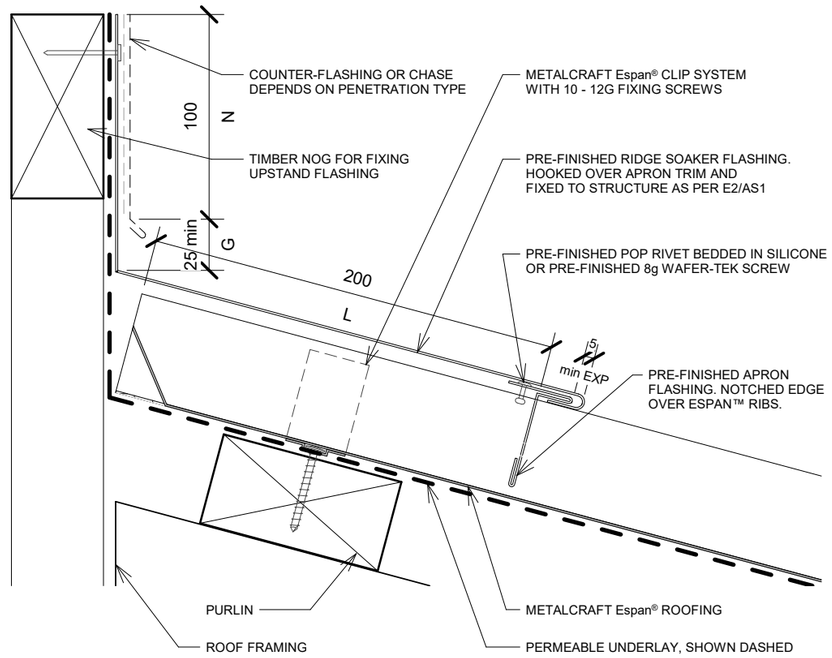
Espan 340® / 470® | Rev. 2.0 | Espan Penetrations

Reference - | Date FEB 2022 | Scale | Sheet F 07



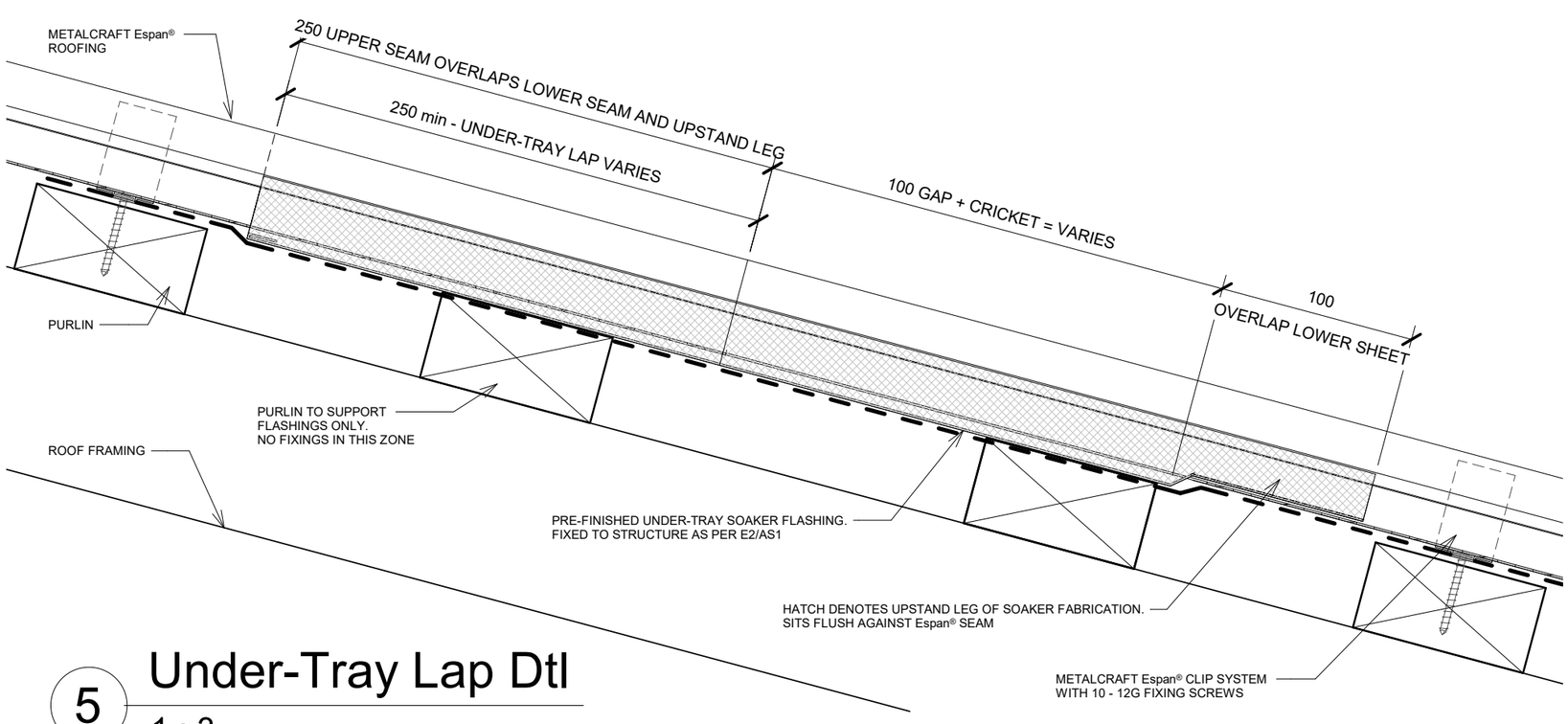
1 Wide Upstand Under-Tray

1 : 3



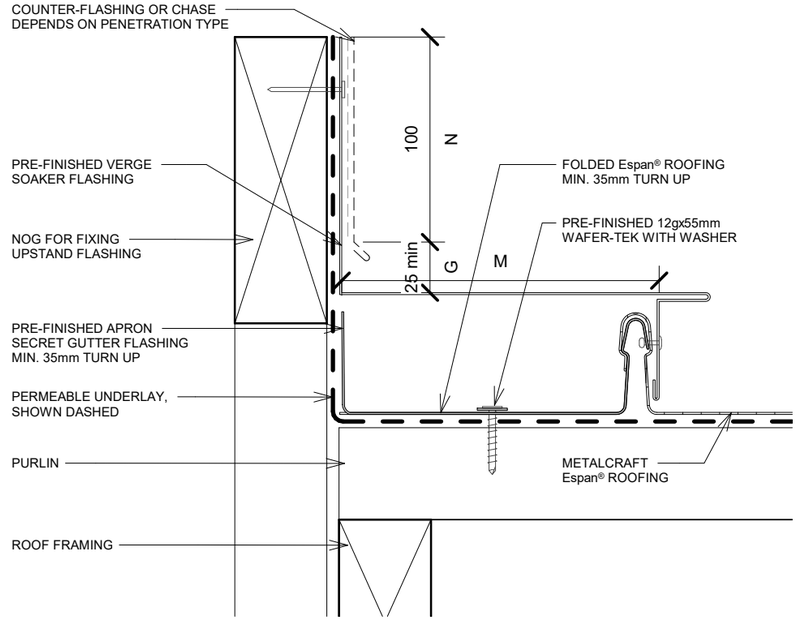
2 Ridge Upstand Dtl

1 : 3



5 Under-Tray Lap Dtl

1 : 3



4 Verge Upstand Dtl

1 : 3

CRICKET UNDER SOAKER DETAILS

Espan 340® / 470® Rev. 2.0 Espan Penetrations

Reference - Date FEB 2022 Scale 1 : 3 Sheet F 08