

PV Solar Laminate Details

ROOFING

*ESPAN 470® ONLY

DETAIL LIST

		<u>Revision</u>	<u>Date</u>
01 / 03	ROOF RIDGE DETAIL	2.0	FEB 2022
02 / 03	MID-ROOF WIRE MANAGEMENT TRAY	2.0	FEB 2022
03 / 03	HEAD BARGE DETAIL	2.0	FEB 2022

PRE-FINISHED RIDGE CAP FLASHING

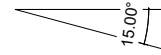
FOLDED 80mm CABLE TRAY

35mm SHEET TURN UP

METALCRAFT ESPAN™ ROOFING

PERMEABLE UNDERLAY, SHOWN DASHED

* ESPAN™ 470
MIN. ROOF PITCH = 3°



PV CABLE IN 25mm FLEXIBLE CONDUIT OR SLIT FLEXI SHEET OVER TURN UP

PRE FINISHED RIVET BEDDED IN SILICONE OR PRE FINISHED 8g WAFER-TEK SCREW

CONCEALED FLASHING FIXED TO ROOFING AND NOTCHED OVER JUNCTION BOX

SOLAR CELL DO NOT SHADE WITH FLASHINGS

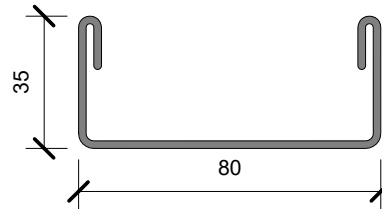
JUNCTION BOX

TWO PART GRAB FLASHING:

METALCRAFT ESPAN™ CLIP SYSTEM WITH 10 - 12G FIXING SCREWS

NOTES:

- RIDGE TO BE IN LINE WITH END OF JUNCTION BOX
- MUST NOT SHADE SOLAR CELL
- CONCEALED FLASHING TO BE NOTCHED OVER JUNCTION BOX AS CLOSELY AS POSSIBLE
- TURN UP CAN BE NOTCHED AND FOLDED IF REQUIRED
- MIN. FLASHING COVERS. AS PER MRM COP



ROOF RIDGE DETAIL

SHOP FABRICATED WIRE
MANAGEMENT CABLE TRAY WITH
DRAIN HOLES @ 600 CRS

METALCRAFT ESPAN SOLAR CLAMPS,
EVERY OTHER SEAM

METALCRAFT ESPAN ROOFING

PVL MODULE

METALCRAFT ESPAN™
CLIP SYSTEM WITH 10G x
50mm SCREWS

*ESPAN™ 470
MIN. ROOF PITCH = 3°

15.00°

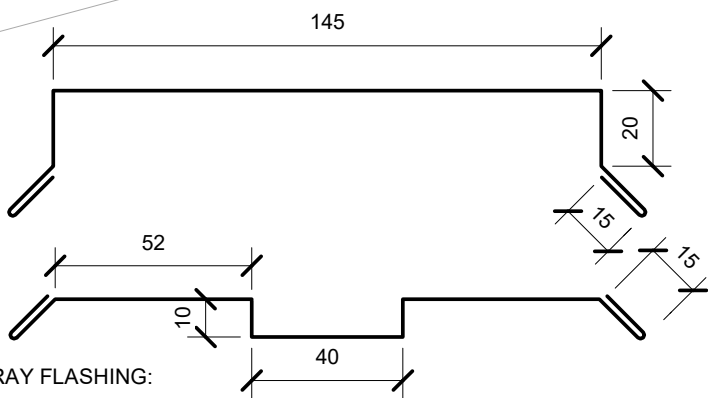
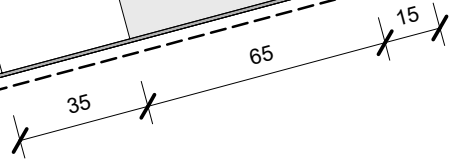
SOLAR CELL

PERMEABLE UNDERLAY,
SHOWN DASHED

ROOF FRAMING

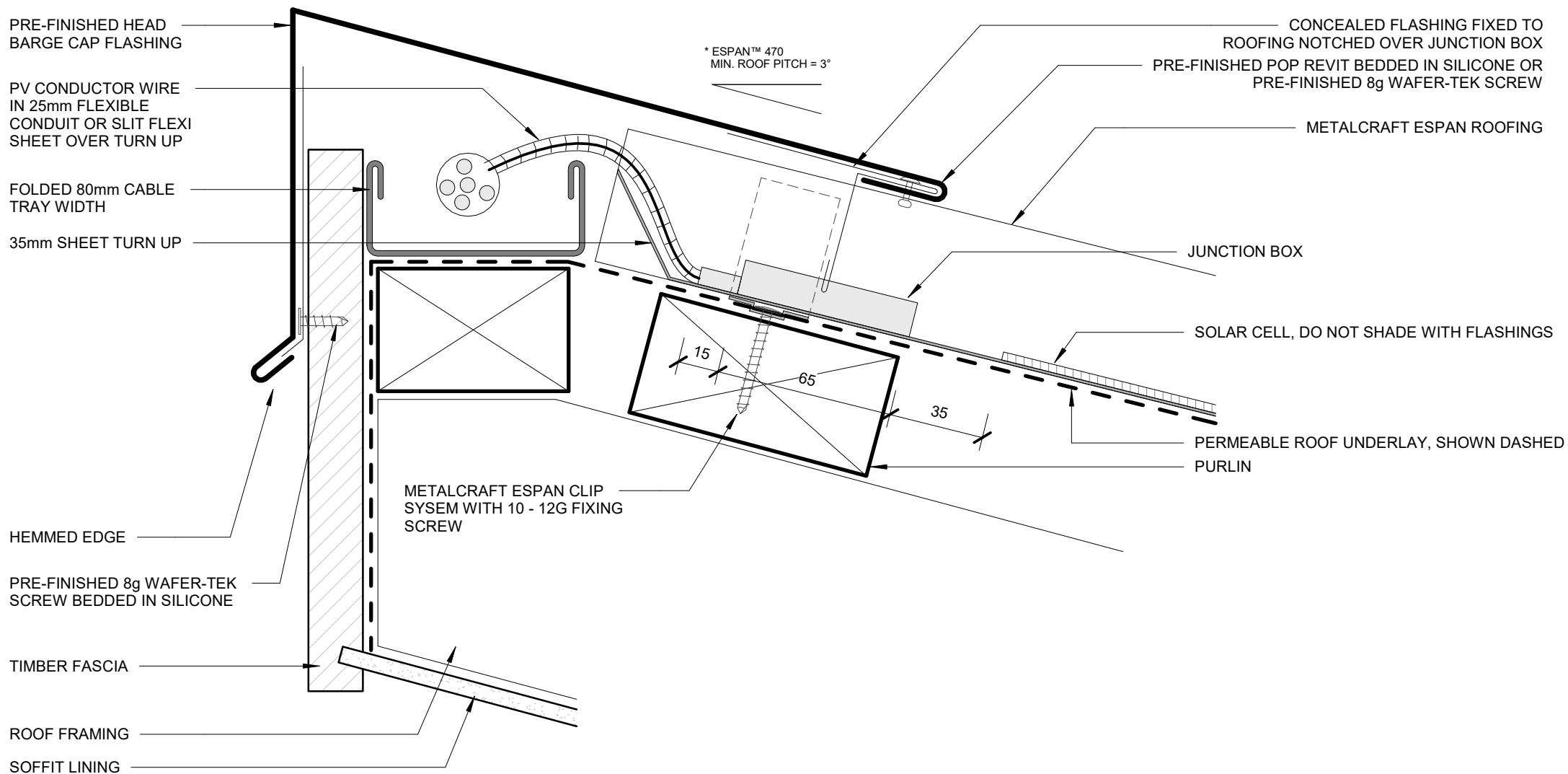
JUNCTION
BOX

PV CONDUCTOR WIRE IN
25mm FLEXIBLE
CONDUIT



TWO PART CABLE TRAY FLASHING:

MID-ROOF WIRE MANAGEMENT TRAY



HEAD BARGE DETAIL