

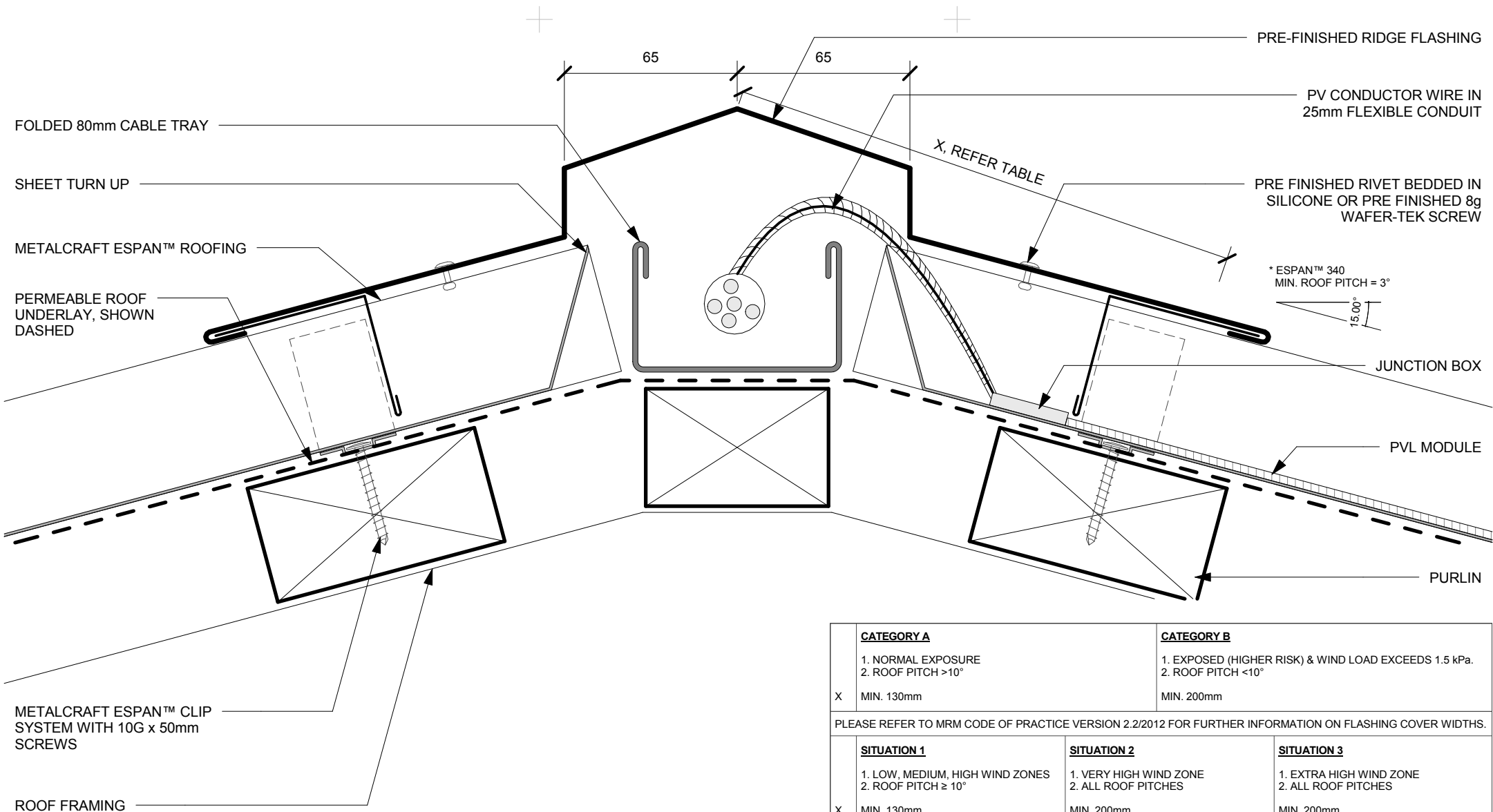
PV Solar Laminate Details

DETAIL LIST

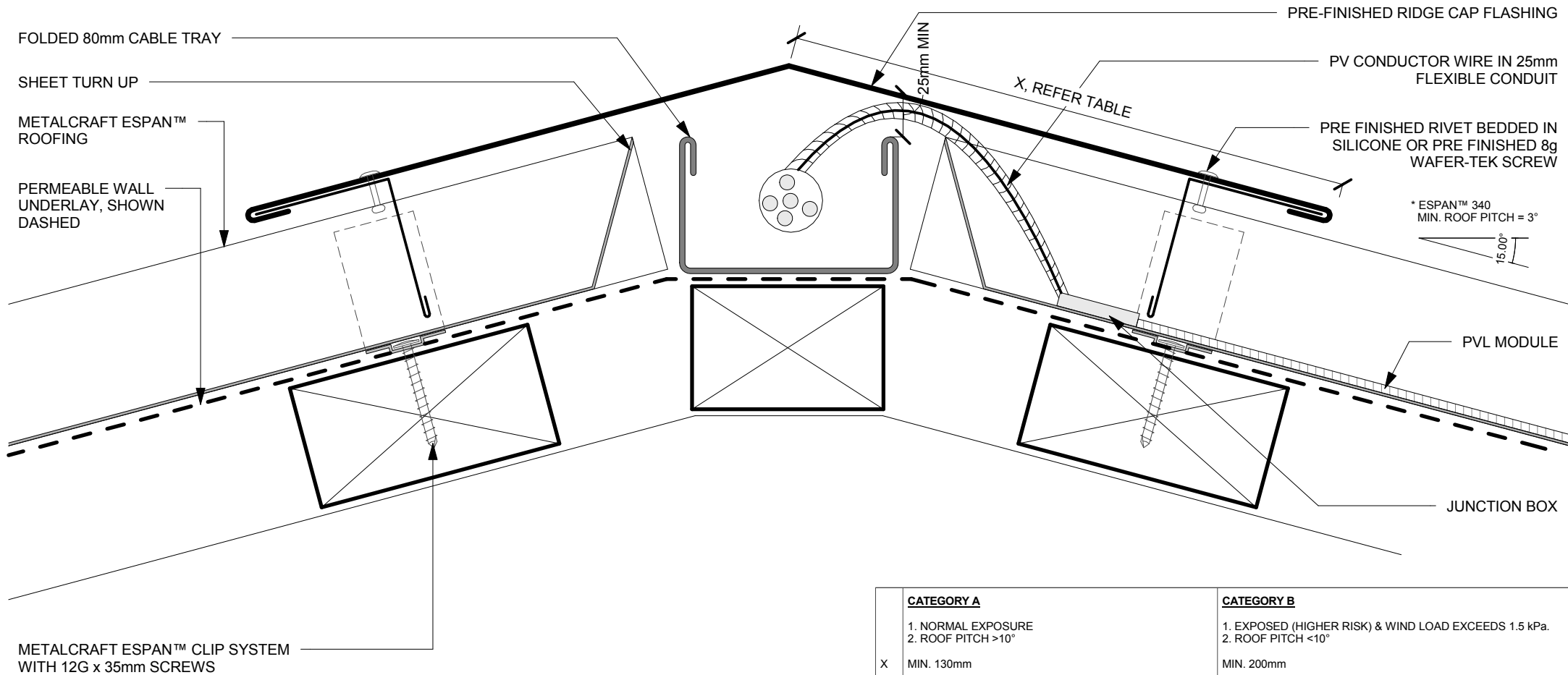
00 / 00	COVER SHEET
01 / 03	ROOF RIDGE DETAIL 1
02 / 03	ROOF RIDGE DETAIL 2
03 / 03	MID-ROOF WIRE MANAGEMENT TRAY
04 / 04	HEAD BARGE DETAIL

RESIDENTIAL ROOFING





CATEGORY A		CATEGORY B			
1. NORMAL EXPOSURE 2. ROOF PITCH >10°		1. EXPOSED (HIGHER RISK) & WIND LOAD EXCEEDS 1.5 kPa. 2. ROOF PITCH <10°			
X	MIN. 130mm	X	MIN. 200mm		
PLEASE REFER TO MRM CODE OF PRACTICE VERSION 2.2/2012 FOR FURTHER INFORMATION ON FLASHING COVER WIDTHS.					
SITUATION 1		SITUATION 2		SITUATION 3	
1. LOW, MEDIUM, HIGH WIND ZONES 2. ROOF PITCH ≥ 10°		1. VERY HIGH WIND ZONE 2. ALL ROOF PITCHES		1. EXTRA HIGH WIND ZONE 2. ALL ROOF PITCHES	
X	MIN. 130mm (EXCLUDING ANY SOFT EDGE OR TURN-DOWN TO ROOFING)	X	MIN. 200mm (EXCLUDING ANY SOFT EDGE OR TURN-DOWN TO ROOFING)	X	MIN. 200mm
PLEASE REFER TO E2 FOR FURTHER INFORMATION ON FLASHING COVER WIDTHS.					



CATEGORY A		CATEGORY B			
1. NORMAL EXPOSURE 2. ROOF PITCH >10°		1. EXPOSED (HIGHER RISK) & WIND LOAD EXCEEDS 1.5 kPa. 2. ROOF PITCH <10°			
X	MIN. 130mm		MIN. 200mm		
PLEASE REFER TO MRM CODE OF PRACTICE VERSION 2.2/2012 FOR FURTHER INFORMATION ON FLASHING COVER WIDTHS.					
SITUATION 1		SITUATION 2		SITUATION 3	
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X	MIN. 130mm (EXCLUDING ANY SOFT EDGE OR TURN-DOWN TO ROOFING)	MIN. 200mm (EXCLUDING ANY SOFT EDGE OR TURN-DOWN TO ROOFING)		MIN. 200mm	
PLEASE REFER TO E2 FOR FURTHER INFORMATION ON FLASHING COVER WIDTHS.					

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

S-5t TYPE CLAMPS, EVERY OTHER
SEAM

METALCRAFT ESPAN ROOFING

PVL MODULE

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

*ESPAN™ 340
MIN. ROOF PITCH = 3°

15.00°

PVL MODULE

PERMEABLE WALL UNDERLAY,
SHOWN DASHED

ROOF FRAMING

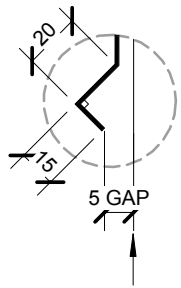
JUNCTION BOX

PV CONDUCTOR WIRE IN
25mm FLEXIBLE CONDUIT

PRE-FINISHED SAWTOOTH
RIDGE CAP FLASHING

PV CONDUCTOR WIRE
IN 25mm FLEXIBLE
CONDUIT

STOPENDS TO ROOF
CLADDING



ALTERNATIVE OPTION
BIRDS BEAK EDGE

HEMMED EDGE

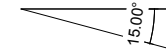
PRE-FINISHED 8g WAFER-TEK
SCREW BEDDED IN SILICONE

TIMBER FASCIA

ROOF FRAMING

SOFFIT LINING

* ESPAN™ 340
MIN. ROOF PITCH = 3°



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

METALCRAFT ESPAN™ ROOFING

JUNCTION BOX

PVL MODULE

BUILDING PAPER SHOWN DASHED

PURLIN

METALCRAFT ESPAN™
CLIP SYSTEM WITH
12G x 35mm SCREWS

HEAD BARGE DETAIL

RESIDENTIAL ROOFING

DISCLAIMER:
All details are to be used for indicative purposes only and the designer should consult both the MRM code of practice version 2.2 /2012, 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.

Espan 470™

Rev: R0

Date 2016

Scale 1 : 2

Sheet

04 / 04

Reference RREP