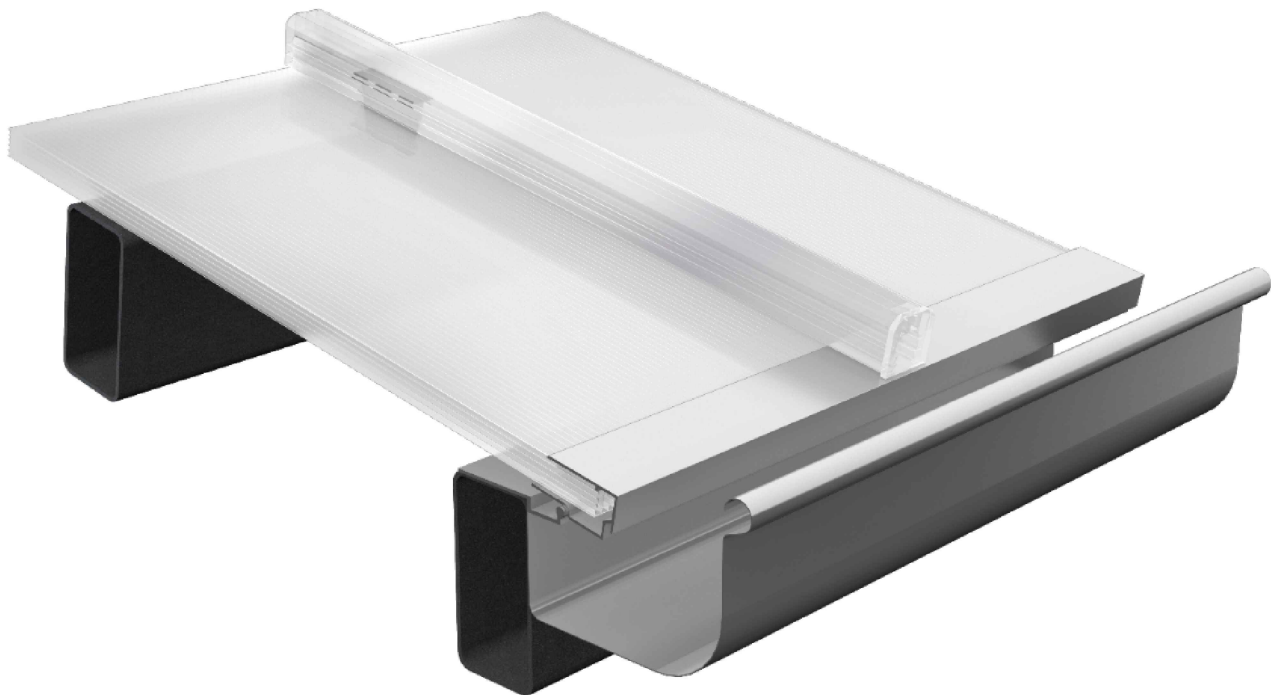


DANPAL TRADITIONAL ROOF SYSTEM

with DANPALON[®] Multicell Panels



GENERAL NOTES

DRAWING INFORMATION:

This drawing set is only applicable to the standard Danpal Traditional Roof System using Danpalon[®] Multicell panels and related accessories. © Copyright 2020 Danpal Australia Pty Ltd.

ROOF PITCH:

Danpal roof systems require a fall for water runoff and drainage. The sub-structure must be designed so as to incorporate a recommended minimum 5° pitch. (An absolute minimum pitch of 3° is required.)
Should a lower pitch be required, please consult Danpal Australia to discuss options.

FLASHINGS AND SEALANT:

Any flashings shown are indicative only. Suitable flashings should be designed and installed to ensure water runoff is adequately controlled and directed to suitable drainage provisions.
If required, only use neutral cure non-acetic silicone that is polycarbonate compatible.
Flashings and sealant are not supplied by Danpal.


SUB-STRUCTURE:

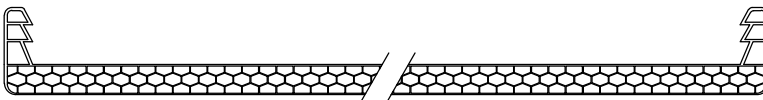
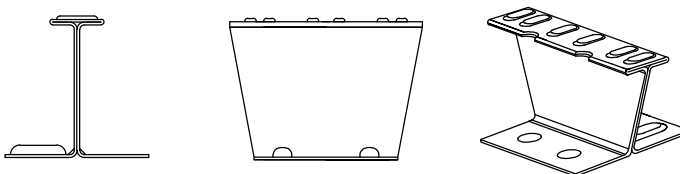
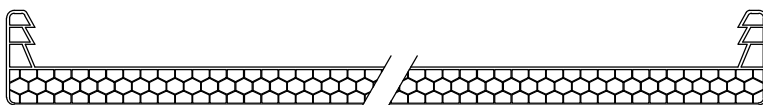
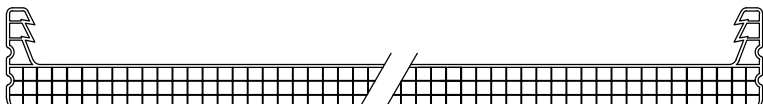
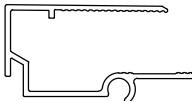
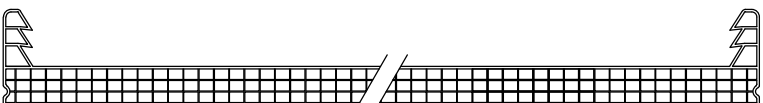
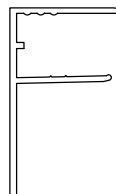
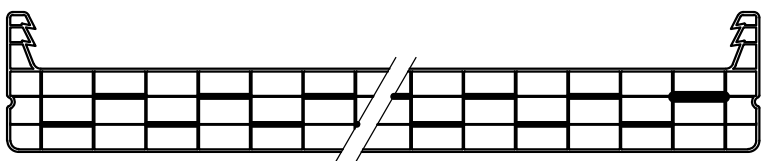

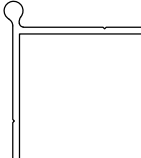
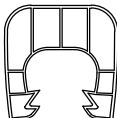
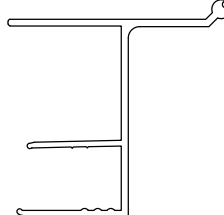


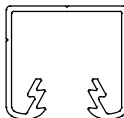

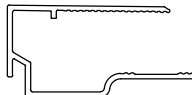
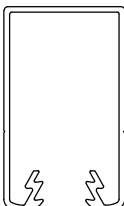
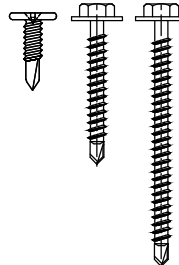
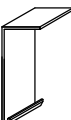
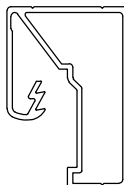
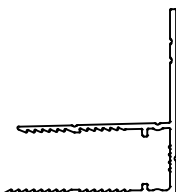

The sub-structure must be suitably designed by an engineer to withstand expected wind loads and should be designed to provide suitable support to the Danpal System, ensuring that Danpal maximum spans are not exceeded.

WARRANTY:

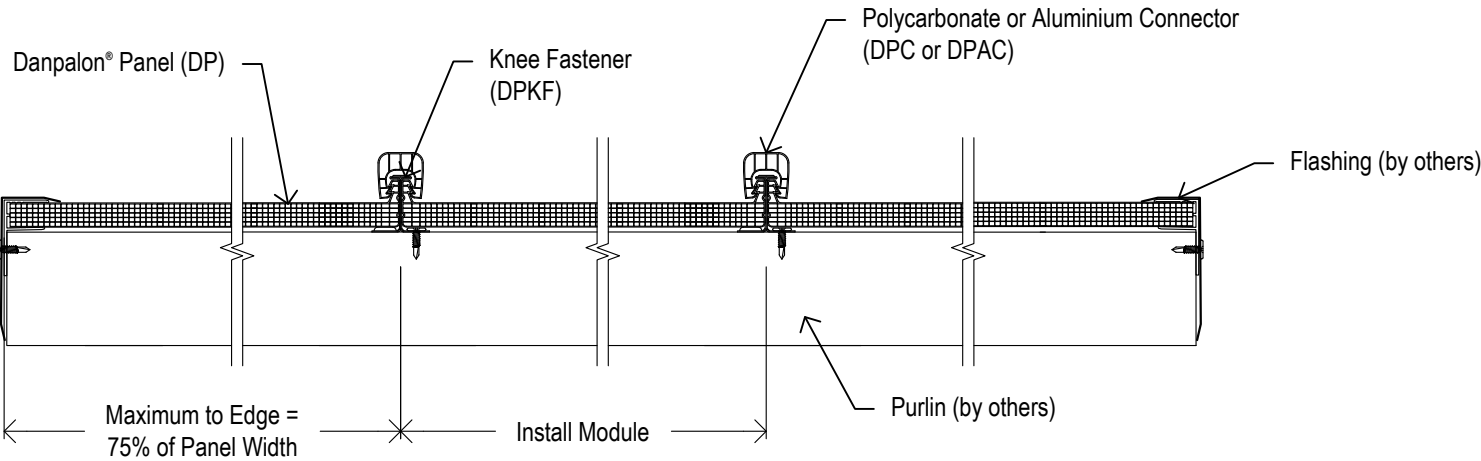
All Danpal materials are covered against defects by a 10 Year Commercial Limited Warranty. For further details or for project-specific warranty variations, please consult Danpal Australia.

DANPAL[®] STANDARD DETAILS ARE INTENDED ONLY AS A GUIDE FOR PROJECT-SPECIFIC ENGINEERING DOCUMENTATION BY AN APPROPRIATELY QUALIFIED ENGINEER.

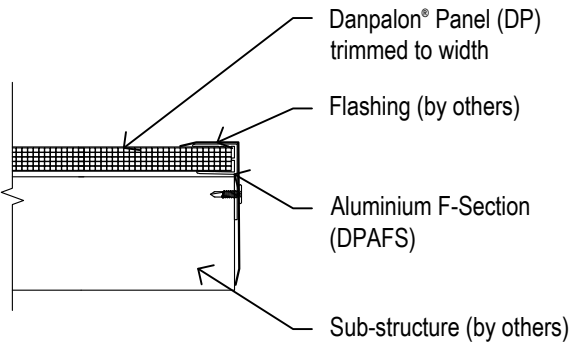
	Dan Pal Australia Pty Ltd ABN 85 124 859 212 11/4-6 Junction Street, Auburn NSW 2144 Tel: 02 9475 2000 Web: www.danpal.com.au	Sheet Title:	Drawn:	Checked:	Revision:
		TITLE PAGE AND GENERAL NOTES	HL	AN	A
		Drawing Series:	Sheet Scale:	Date:	Sheet:
		DANPAL TRADITIONAL MULTICELL ROOFING STANDARD DETAILS	NTS	12/11/2020	1 of 4

DANPALON® PANEL OPTIONS			PANEL RETENTION CLIPS / KNEE FASTENERS			
		<p>DP8 - 8mm Honeycomb (600mm width) Weight: 1900gsm Stocked in Clear, Opal, Reflective Ice and Reflective Grey Other colours available to order</p>			<p>DPKFHD - Knee Fastener / Panel Clip (Heavy Duty) Stocked in Stainless Steel</p>	
		<p>DP10 - 10mm Honeycomb (600mm width) Weight: 2666gsm Stocked in all Reflective, Standard and Premium colours Other colours available to order</p>	CAPPING PROFILES			
		<p>DP12 - 12mm Multicell (900mm width) Weight: 2840gsm Stocked in Softlite Ice and Reflective Grey Other colours and 600mm width available to order</p>			<p>DPAPEC - Aluminium Pivot End Cap Stocked in Clear Anodised Finish Powdercoating available to order Suitable for 8mm, 10mm, 12mm and 16mm Danpalon® Panels (*16mm variant shown)</p>	
		<p>DP16 - 16mm Multicell (600mm or 1040mm width) Weight: 3666gsm Stocked in Clear (1040mm only), Opal (1040mm only), Ice, Softlite Ice (1040mm only) and Reflective Grey Other colours and 900mm width available to order</p>			<p>DPAFS - Aluminium F-Section Profile Stocked in Mill and Clear Anodised Finish Powdercoating available to order Suitable for 8mm, 10mm, 12mm and 16mm Danpalon® Panels (*16mm variant shown)</p>	
		<p>3DLite - 22mm Louvred Panel (600mm width) Weight: 3100gsm Stocked in White Other colours available to order</p>			<p>DPALPR - Aluminium Lower Pivot Roof Stocked In Mill Finish Anodising and Powdercoating available to order Suitable for Aluminium Pivot End Cap (DPAPEC)</p>	
					<p>DPALP - Aluminium Lower Pivot Angle Stocked In Mill Finish Anodising and Powdercoating available to order Suitable for Aluminium Pivot End Cap (DPAPEC)</p>	
CONNECTOR OPTIONS			WALL / FASCIA MOUNTING PROFILES			
		<p>DPC - Polycarbonate Connector Stocked in all available panel colours</p>			<p>DPAUP - Aluminium Upper Pivot Stocked in Mill Finish Anodising and Powdercoating available to order Suitable for 8mm, 10mm, 12mm and 16mm Danpalon® Panels (*16mm variant shown) Suitable for Aluminium Fascia Wall Mount (DPAFWM) only Suitable for Polycarbonate Connector (DPC) and Aluminium Connector 30mm (DPAC30)</p>	
		<p>DPECC - Connector End Cap Stocked In Clear Suitable for Polycarbonate Connectors only</p>				<p>DPAFWM - Aluminium Fascia Wall Mount Stocked In Mill Finish Anodising and Powdercoating available to order Suitable for Aluminium Upper Pivot (DPAUP) only</p>
		<p>DPAC30 - Aluminium Connector (30mm) Stocked in Mill and Clear Anodised Finish Powdercoating available to order</p>	OTHER PROFILES AND ACCESSORIES			
		<p>DPACEC30 - Connector End Cap (30mm) Stocked in Mill and Clear Anodised Finish Powdercoating available to order Suitable for DPAC30 Aluminium Connector (DPAC30) and 30mm Side Connector (DPACS30)</p>			<p>DPAEC - Aluminium End Cap (Non-Pivot) Stocked in Clear Anodised Finish Powdercoating available to order Suitable for 8mm, 10mm, 12mm and 16mm Danpalon® Panels (*16mm variant shown)</p>	
		<p>DPAC54 - Aluminium Connector (54mm) Stocked in Mill and Clear Anodised Finish Powdercoating available to order</p>			<p>WS16/22/35 - Wafer Screw 16mm / 22mm / 35mm TEK25/45/65 - Hex Head Screw 25mm / 45mm / 65mm Self-Drilling screws suitable for Metal and Timber (specify substrate when ordering) Zinc-Galv. and Stainless Steel options available to order</p>	
		<p>DPACEC54 - Connector End Cap (54mm) Stocked in Mill and Clear Anodised Finish Powdercoating available to order Suitable for DPAC54 Aluminium Connector (DPAC54)</p>			<p>DPACS30 - Aluminium Side Connector (30mm) Stocked in Mill Finish Anodising and Powdercoating available to order Suitable for 8mm (using tape), 10mm, 12mm and 16mm Danpalon® Panels (*16mm variant shown)</p>	
					<p>DPAFSL - Aluminium Long Leg F-Section Stocked in Mill Finish Anodising and Powdercoating available to order Suitable for 16mm Danpalon® Panels</p>	
	<p>Dan Pal Australia Pty Ltd ABN 85 124 859 212 11/4-6 Junction Street, Auburn NSW 2144 Tel: 02 9475 2000 Web: www.danpal.com.au</p>	<p>Sheet Title: COMPONENT DETAILS Drawing Series: DANPAL TRADITIONAL MULTICELL ROOFING STANDARD DETAILS</p>	Drawn:	Checked:	Revision:	
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			Sheet Scale: 1:2 @ A3	Date: 12/11/2020	Sheet: 2 of 4	

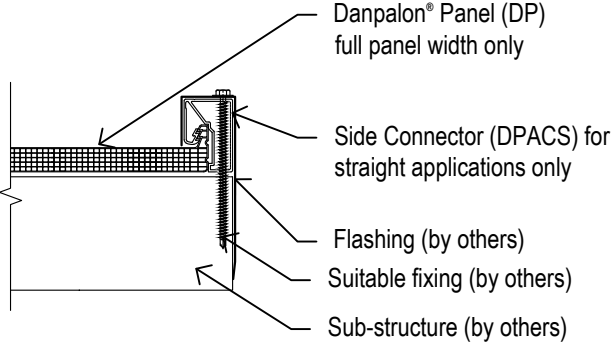
PANEL SET OUT		
Panel Thickness	Panel Width	Install Module
8mm	600mm	602mm
10mm	600mm	602mm
12mm	900mm	902mm
16mm	1040mm	1042mm
3DLite	600mm	601mm



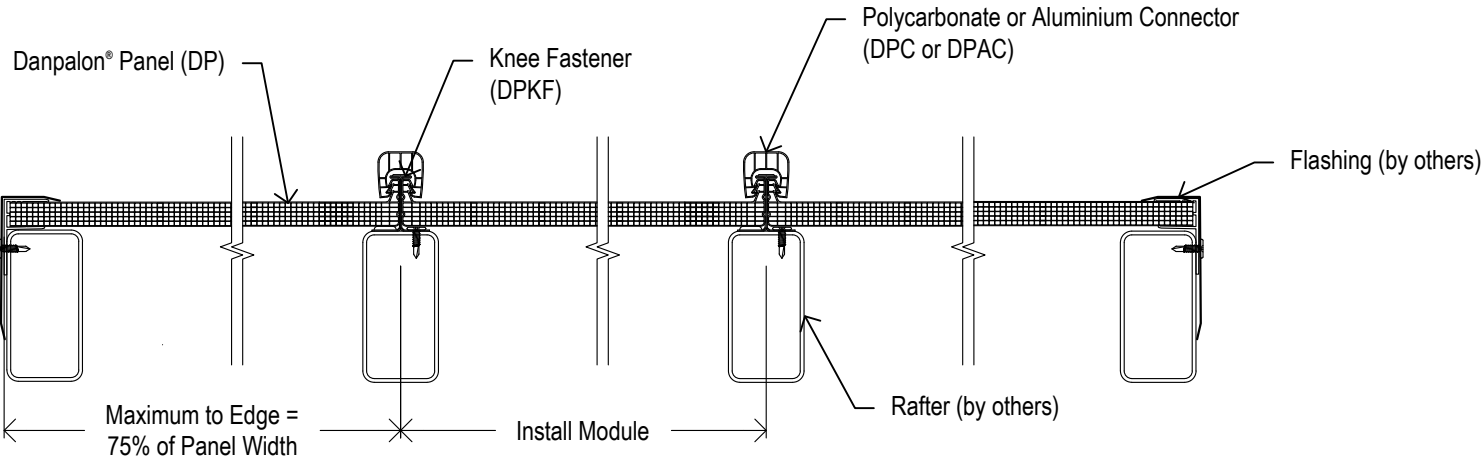
CROSS SECTION OVER PURLINS



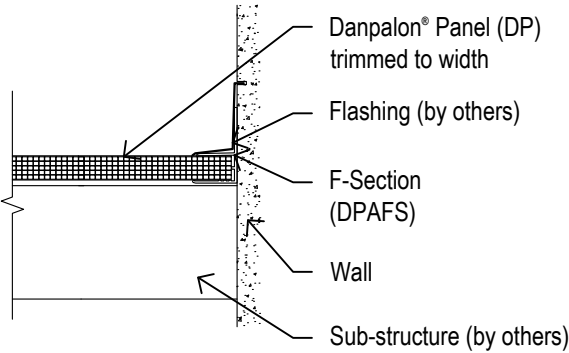
CUT PANEL EDGE DETAIL



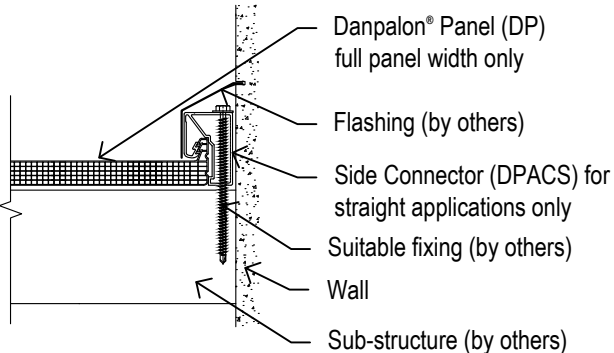
FULL PANEL EDGE DETAIL



CROSS SECTION OVER RAFTERS



CUT PANEL WALL DETAIL



FULL PANEL WALL DETAIL



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Sheet Title:
CROSS SECTION DETAILS
 Drawing Series:
DANPAL TRADITIONAL MULTICELL ROOFING STANDARD DETAILS

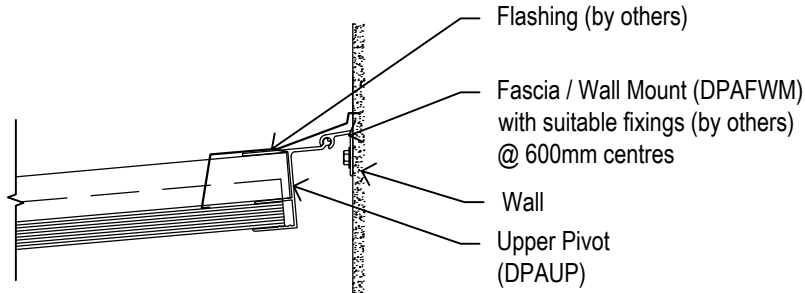
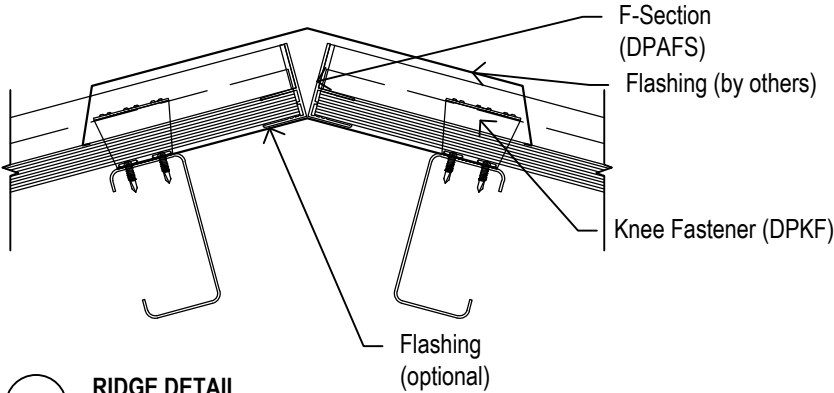
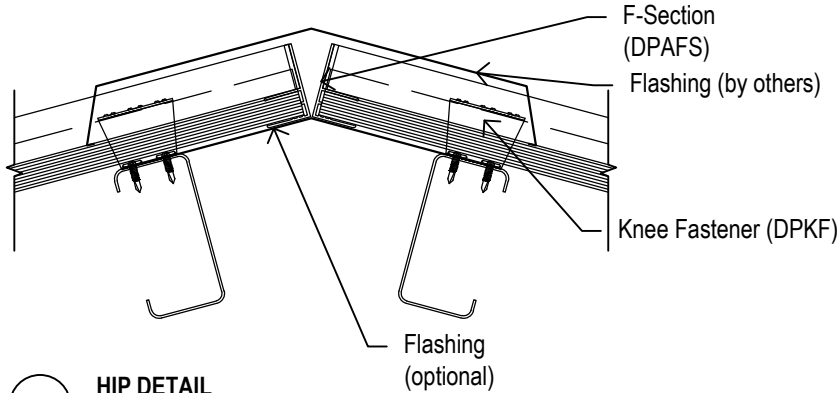
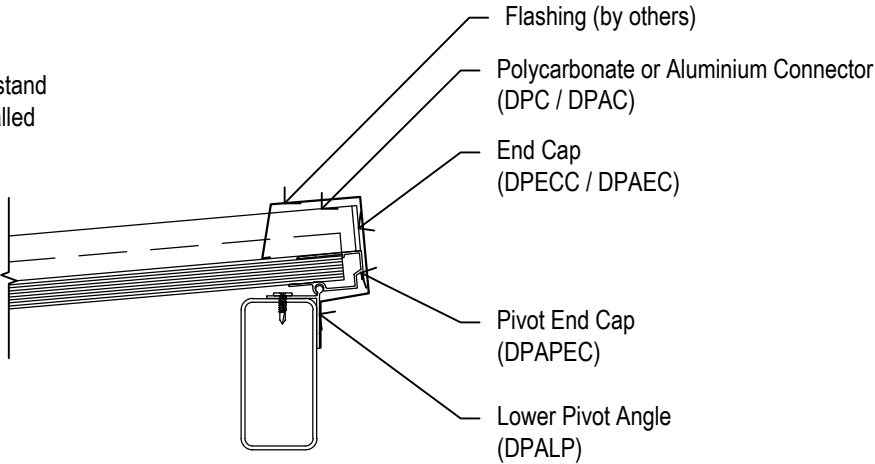
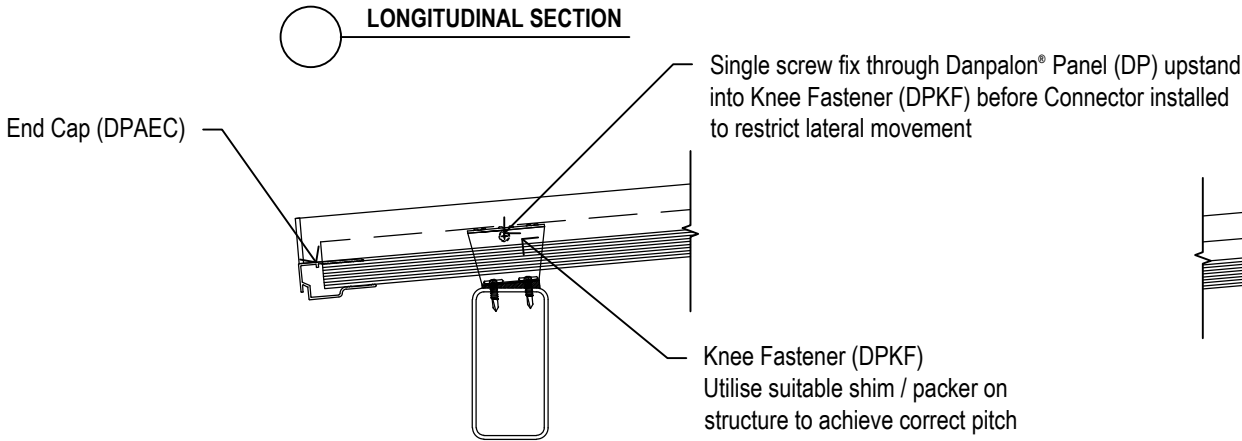
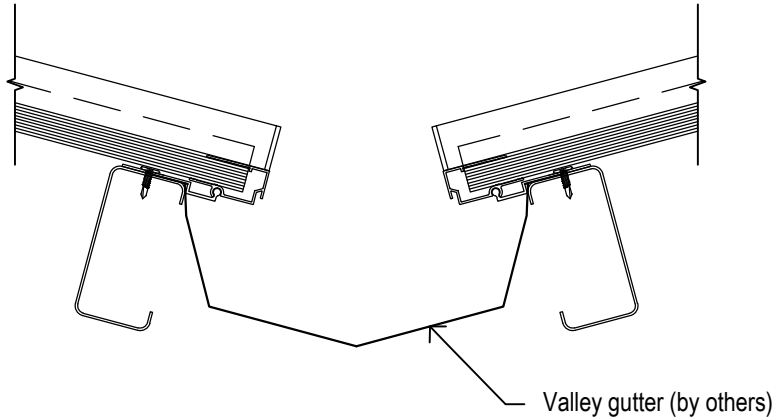
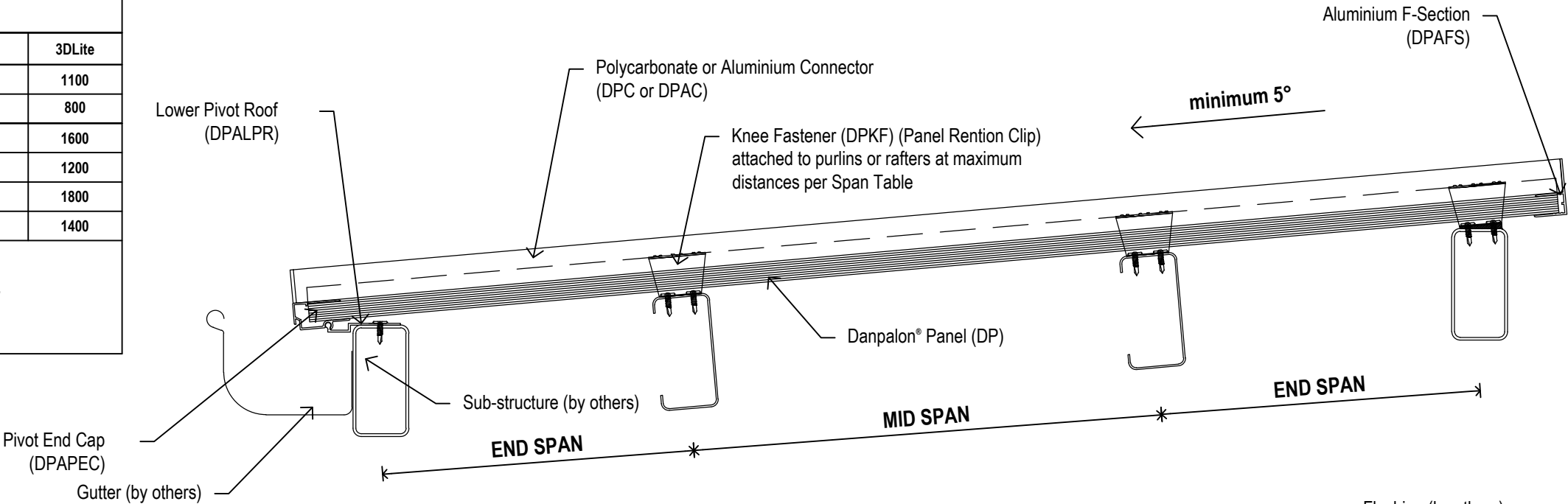
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SPAN TABLE						
Connector	Span Type	8mm	10mm	12mm	16mm	3DLite
Polycarbonate Connector (DPC)	Mid Span	900	1100	1100	1300	1100
	End Span	700	800	800	900	800
30mm Aluminium Connector (DPAC30)	Mid Span	1400	1600	1600	1600	1600
	End Span	1000	1200	1200	1200	1200
54mm Aluminium Connector (DPAC54)	Mid Span	1600	1800	1800	1800	1800
	End Span	1200	1400	1400	1400	1400

Above figures are in millimetres (mm).
 Design load 1 kPA (ultimate) 0.7 kPA (serviceable). Deflection criteria span / 50.
 Curved spans vary according to desired radius.
 Please consult Danpal Australia for any other situations and more information.



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DANPAL TRADITIONAL MULTICELL ROOFING STANDARD DETAILS

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