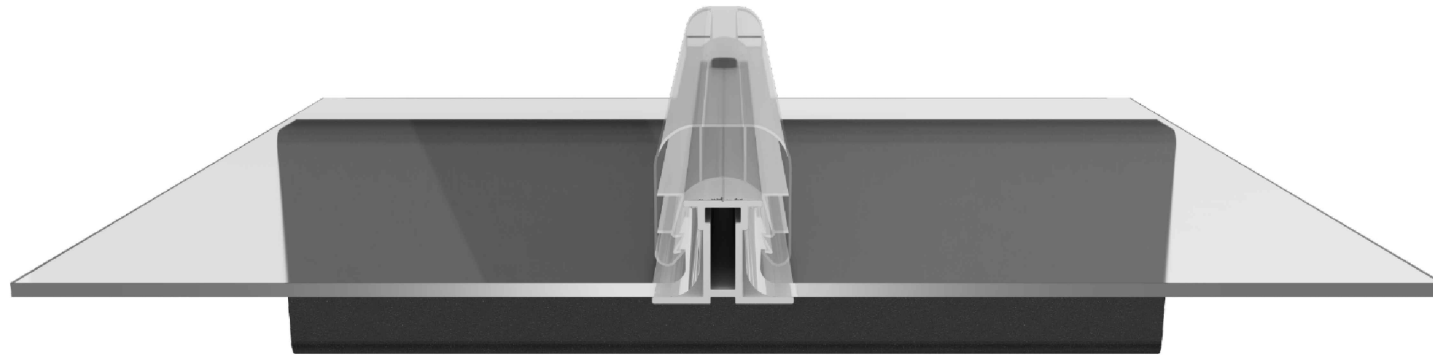


DANPAL TRADITIONAL AND FREESPAN ROOF SYSTEMS

with DANPALON[®] Compact Panels



GENERAL NOTES

DRAWING INFORMATION:

This drawing set is only applicable to the standard Danpal Roof System using Danpalon[®] Compact 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
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Tel: 02 9475 2000 Web: www.danpal.com.au

Sheet Title:
TITLE PAGE AND GENERAL NOTES

Drawing Series:
DANPAL COMPACT ROOF STANDARD DETAILS

Drawn:
HL


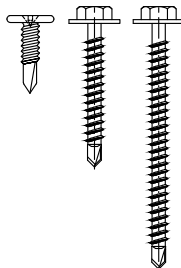
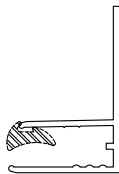

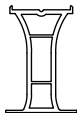
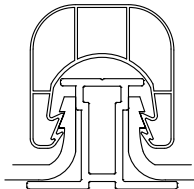
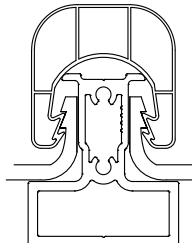
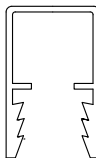
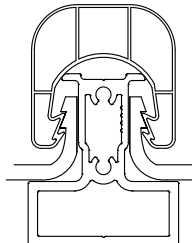

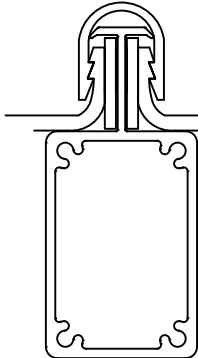
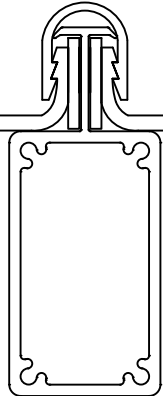
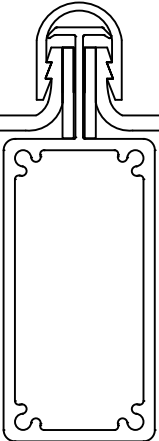
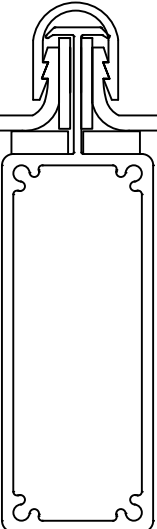
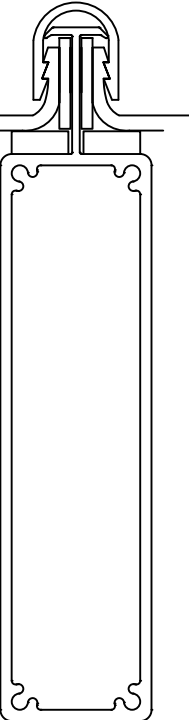
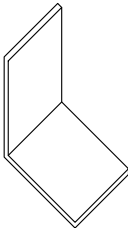
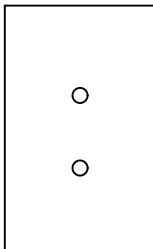
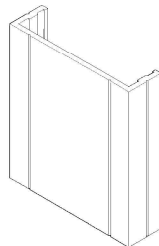
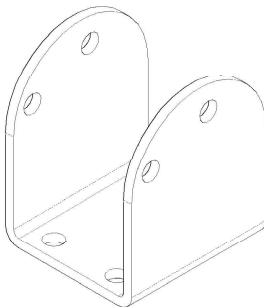

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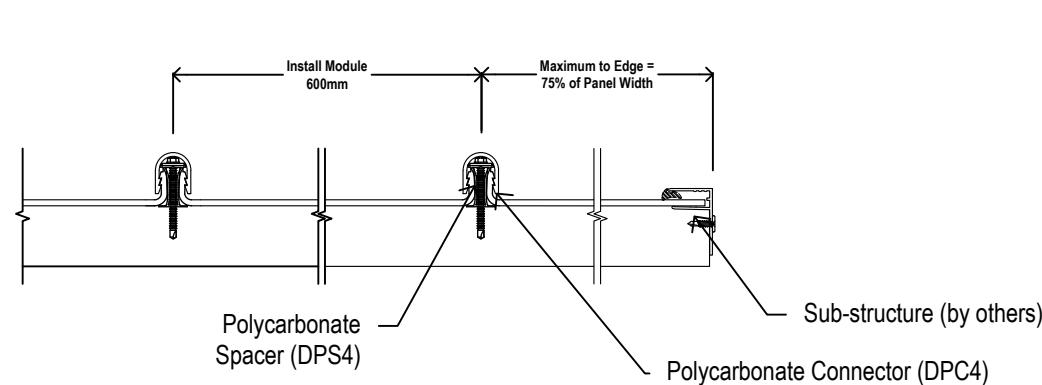
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Date:
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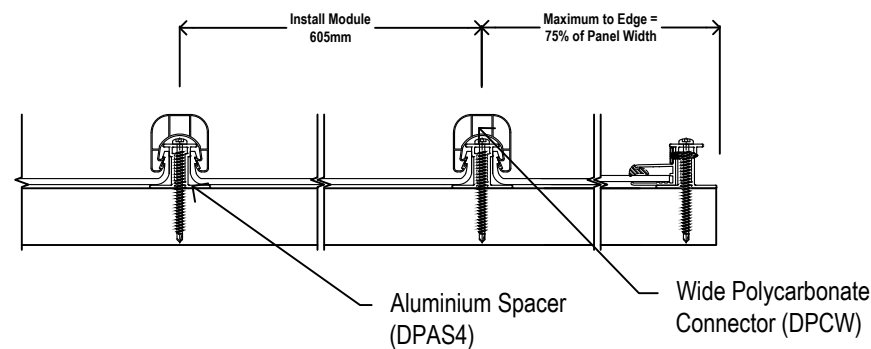
Revision:
A

Sheet:
1 of **4**

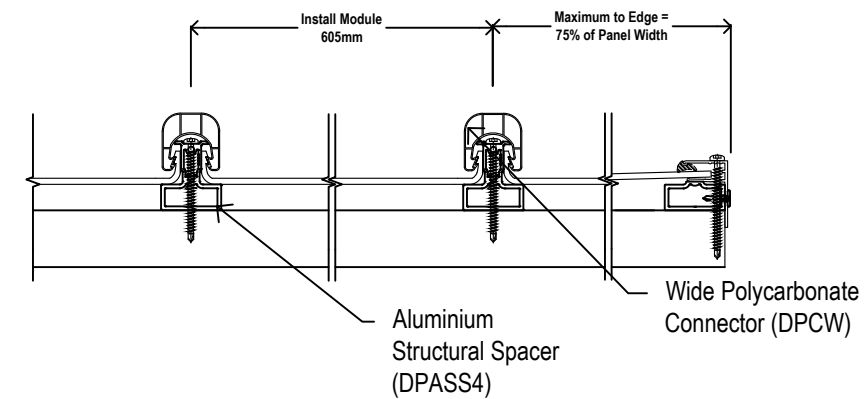
DANPALON® PANEL			FASTENERS		CAPPING PROFILE	
<div></div> <div><p>DP4 - 4mm Compact (592mm width) Weight: 4800gsm Stocked in Clear, Grey and Reflective Grey Other colours available to order</p></div>			<div></div> <div><p>WS16 - Wafer Screw 16mm TEK25/45/65 - Hex Head Screw 25mm / 45mm / 65mm Self-Drilling screws suitable for Metal and Timber (specify substrate when ordering) Zinc-Galv. and Stainless Steel options available to order</p></div>		<div></div> <div><p>DPAFS10 + R10 - Aluminium F Section with Rubber Gasket R10 stocked in Black DPAFS10 stocked in Mill and Clear Anodised Finish Powdercoating available to order</p></div>	
CONNECTOR AND SPACER OPTIONS			FREESPAN BAR OPTIONS			
<div></div> <div><p>DPC4 - Polycarbonate Connector Stocked in Clear, Grey and Reflective Grey Suitable for Freespan Other colours available to order</p></div> <div></div> <div><p>DPS4 - Polycarbonate Spacer Stocked in Clear Suitable for Polycarbonate Connector (DPC4) and Aluminium Connector (DPAC4)</p></div> <div></div> <div><p>DPCW - Wide Polycarbonate Connector Stocked in Ice and Reflective Grey Other colours available to order Suitable for Aluminium Spacer (DPAS4) and Aluminium Structural Spacer (DPASS4)</p></div> <div></div> <div><p>DPAS4 - Aluminium Spacer Stocked in Mill Finish Anodising and Powdercoating available to order</p></div> <div></div> <div><p>DPAC4 - Aluminium Connector Stocked in Mill Finish Anodising and Powdercoating available to order</p></div> <div></div> <div><p>DPCW - Wide Polycarbonate Connector Stocked in Ice and Reflective Grey Other colours available to order Suitable for Aluminium Spacer (DPAS4) and Aluminium Structural Spacer (DPASS4)</p></div> <div></div> <div><p>DPASS4 - Aluminium Structural Spacer Stocked in Mill Finish Anodising and Powdercoating available to order</p></div>			<div><div><div><p>DPAB60 60mm Bar Weight: 1.8kg/m</p></div><div><p>DPAB70 70mm Bar Weight: 2.1kg/m</p></div><div><p>DPAB80 80mm Bar Weight: 2.3kg/m</p></div><div><p>DPAB100 100mm Bar Weight: 2.6kg/m</p></div><div><p>DPAB150 150mm Bar Weight: 3.4kg/m</p></div></div><div><p>Notes: All bars are Aluminium 6351 T5 Alloy Stocked in Mill Finish Anodising and Powdercoating available to order</p></div></div>			
SPACER ACCESSORIES			FREESPAN BAR ACCESSORIES			
<div></div> <div><p>DPAS4EC - Aluminium Spacer End Cap Stocked in Mill Finish Anodising and Powdercoating available to order</p></div> <div></div> <div><p>DPASS4EP - Aluminum Structural Spacer End Plate Stocked in Mill Finish Anodising and Powdercoating available to order</p></div>			<div></div> <div><p>DPACBEC - Aluminium Connector Bar End Cap Stocked in Mill Finish Anodising and Powdercoating available to order Suitable for 50mm to 150mm Bars (DPAB50-150)</p></div> <div></div> <div><p>DPBS - Saddle Bracket Stocked In Galvanised Steel Finish Powdercoating available to order</p></div>			
	<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</p> <p>Drawing Series: DANPAL COMPACT ROOF STANDARD DETAILS</p>	<p>Drawn: HL</p> <p>Sheet Scale: 1:2 @ A3</p>	<p>Checked: AN</p> <p>Date: 12/11/2020</p>	<p>Revision: A</p> <p>Sheet: 2 of 4</p>	



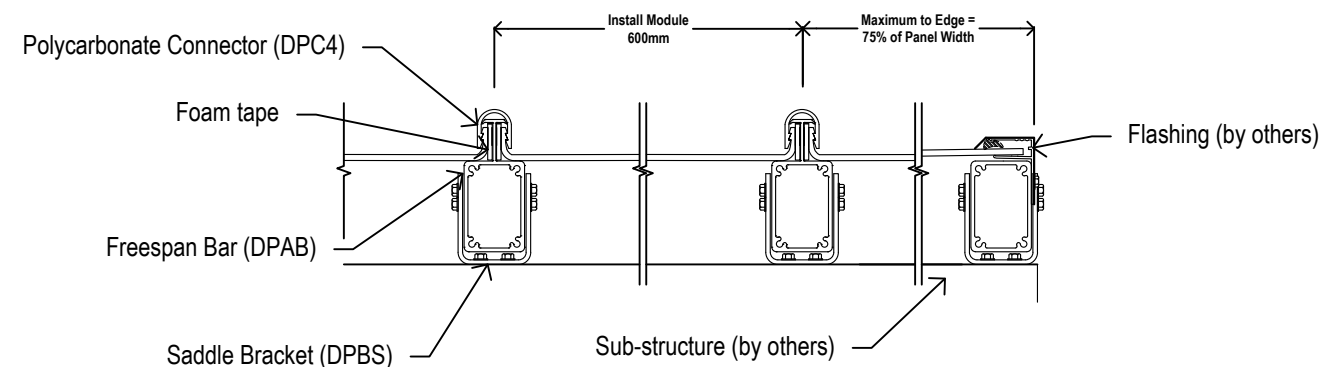
CROSS SECTION - TYPICAL POLYCARBONATE CONNECTOR DETAILS



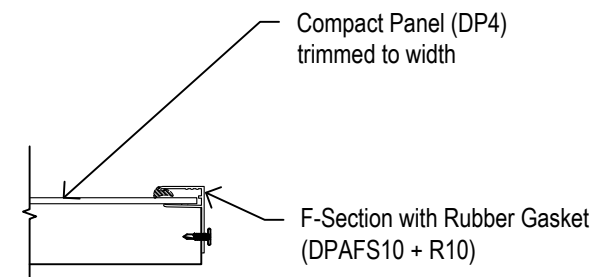
CROSS SECTION - TYPICAL SPACER DETAILS



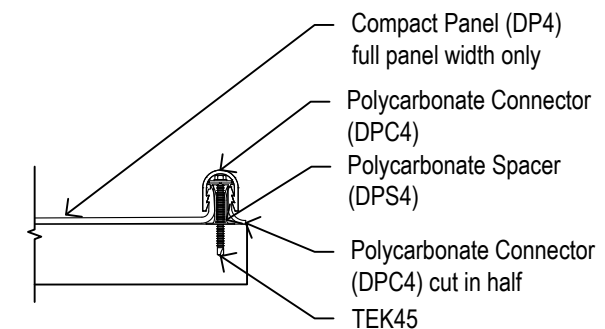
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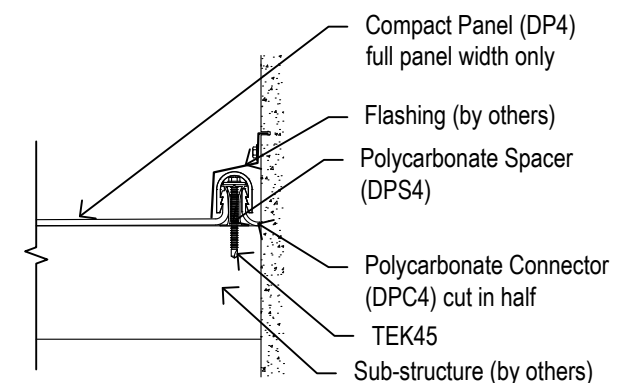
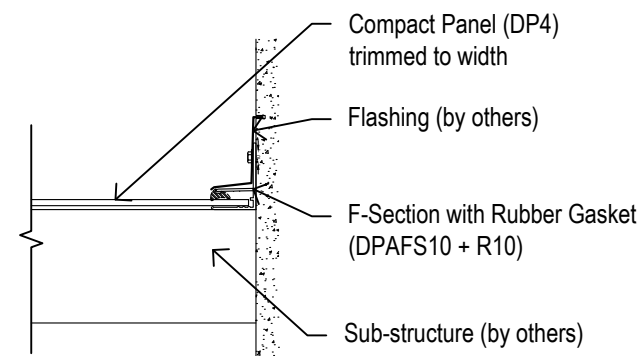
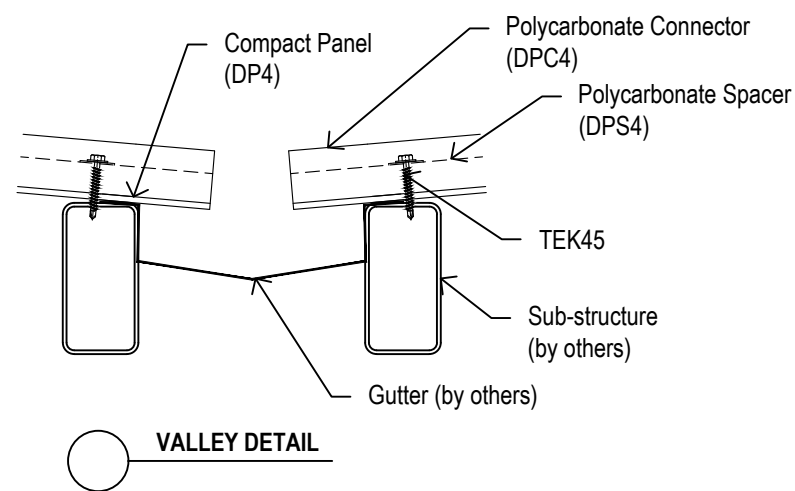
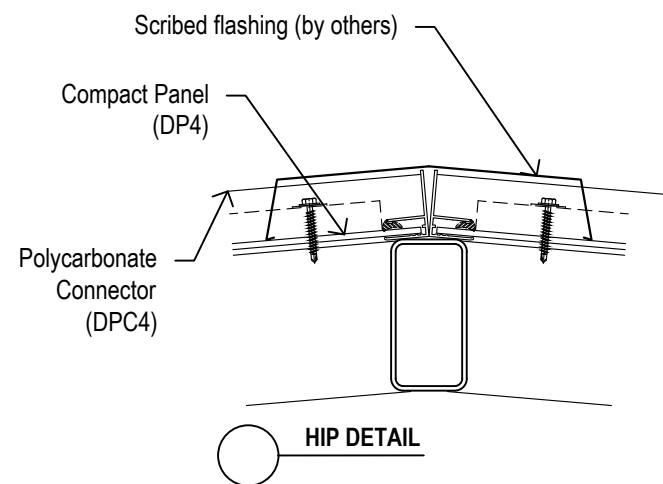
CROSS SECTION - TYPICAL FREESPAN DETAILS



CUT PANEL EDGE DETAIL

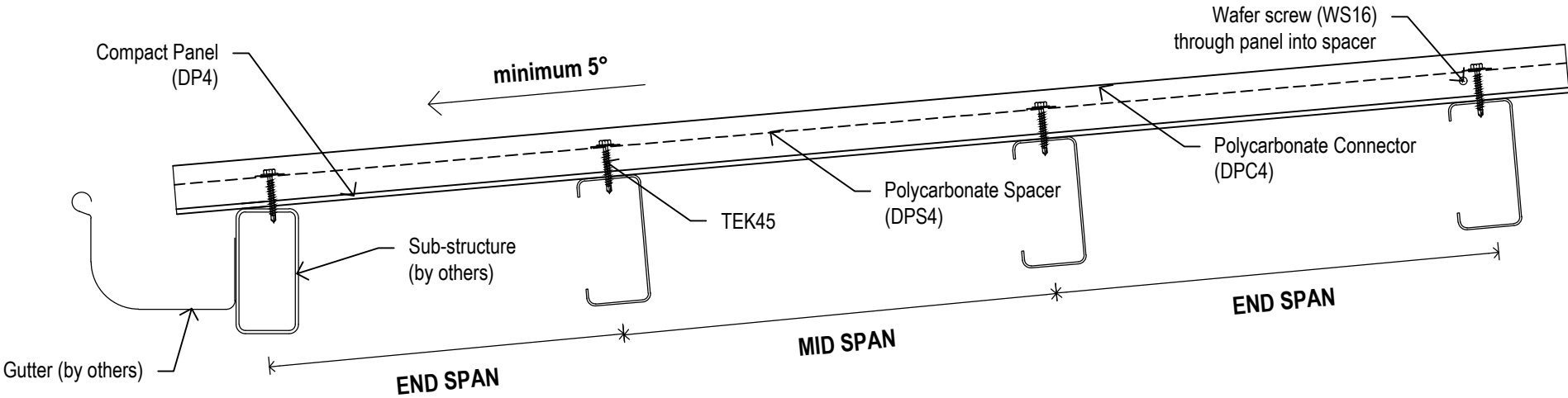


FULL PANEL EDGE DETAIL

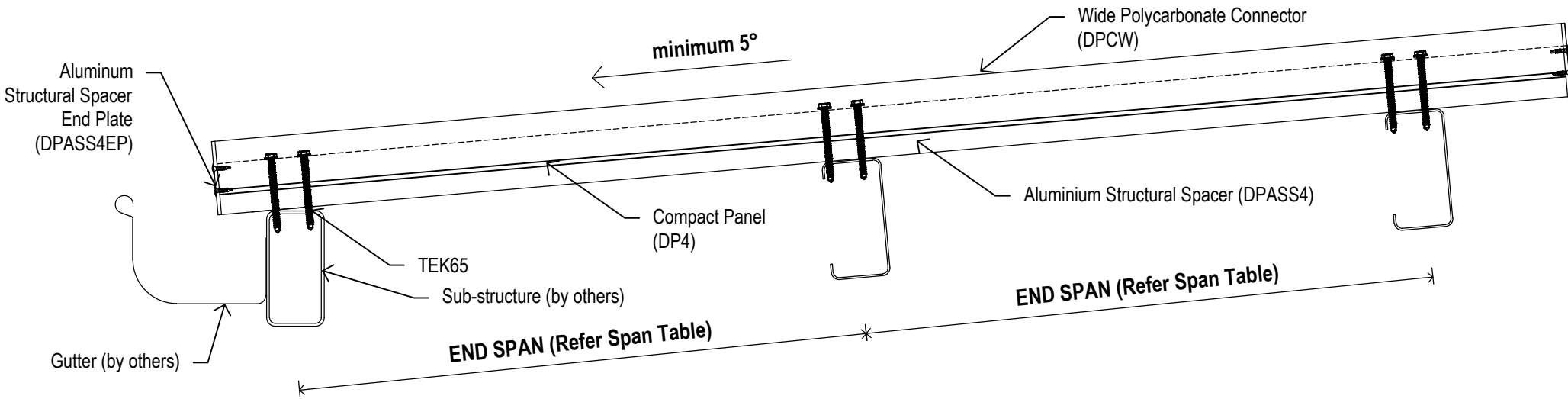


SPAN TABLE			
Danpalon® Compact Panel Traditional Roof System			
Connector and Spacer	Install Module	Mid Span	End Span
Polycarbonate Connector (DPC4) and Spacer (DPS4)	600	900	700
Aluminium Connector (DPAC4) and Polycarbonate Spacer (DPS4)	600	1400	1000
Wide Polycarbonate Connector (DPCW) and Aluminium Spacer (DPAS4)	605	1600	1600
Wide Polycarbonate Connector (DPCW) and Aluminium Structural Spacer (DPASS4)	605	2300	2300
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.			

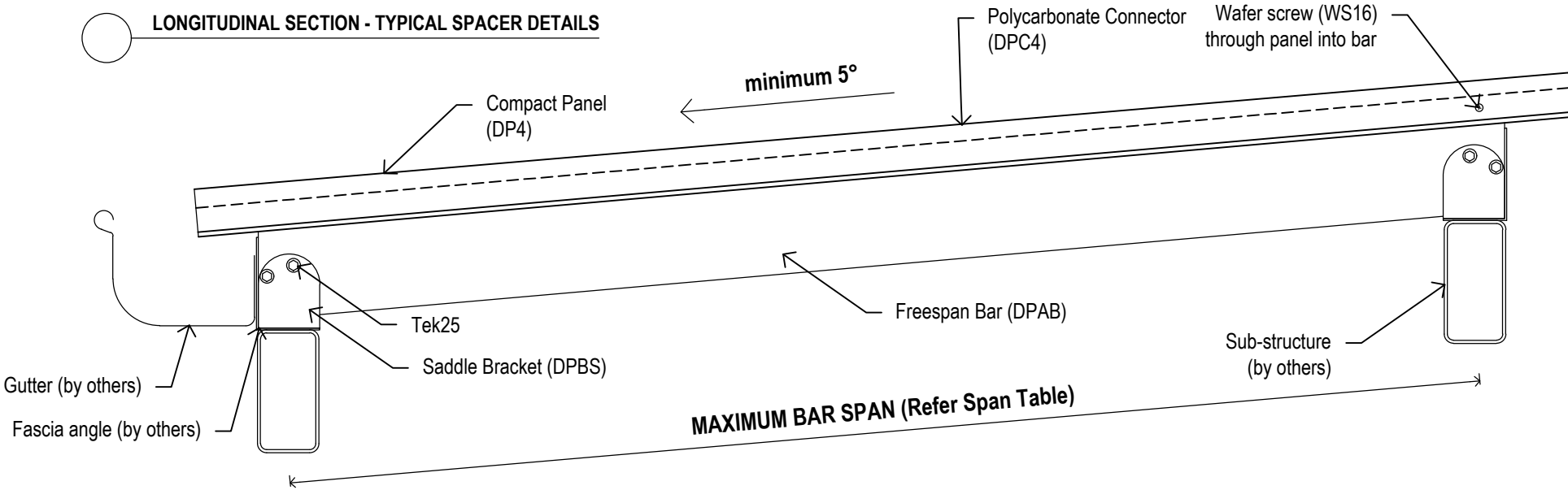
SPAN TABLE		
Danpalon® Compact Panel Freespan Roof System		
Freespan Bar	Install Module	Bar Span
50mm (DPAB50)	-	-
60mm (DPAB60)	600	4800
70mm (DPAB70)	600	5500
80mm (DPAB80)	600	*6000
100mm (DPAB100)	600	*7000
150mm (DPAB150)	600	*9600
Above figures are in millimetres (mm). * Denotes that tape is required to make this panel compatible with this bar. 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.		



LONGITUDINAL SECTION - TYPICAL POLYCARBONATE CONNECTOR DETAILS



LONGITUDINAL SECTION - TYPICAL SPACER DETAILS



LONGITUDINAL SECTION - TYPICAL FREESPAN DETAILS