

DANPAL TRADITIONAL FACADE

with DANPALON[®] Multicell Panels



GENERAL NOTES

DRAWING INFORMATION:

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

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.



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Sheet Title:

TITLE PAGE AND GENERAL NOTES

Drawing Series:

DANPAL TRADITIONAL FACADE STANDARD DETAILS

Drawn:

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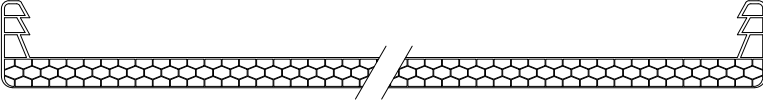

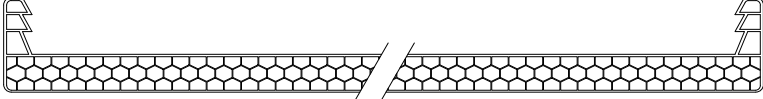
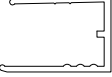
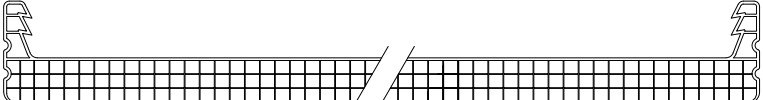
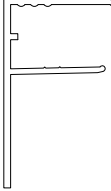
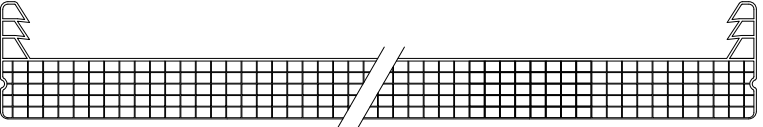
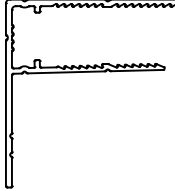
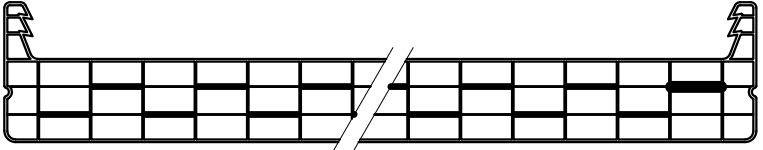
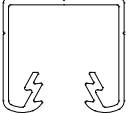
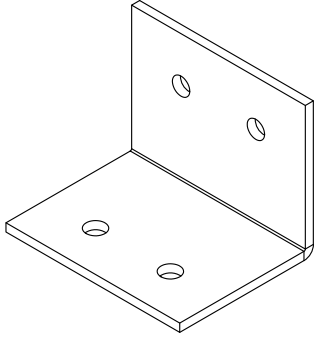
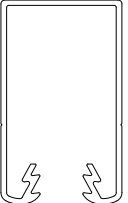
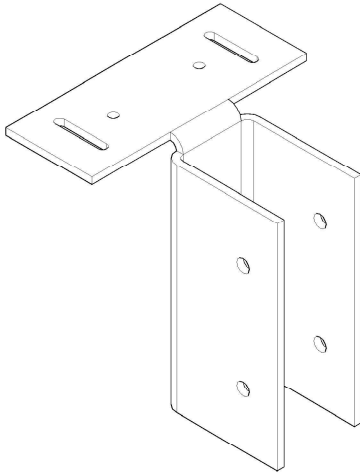
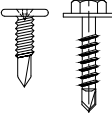

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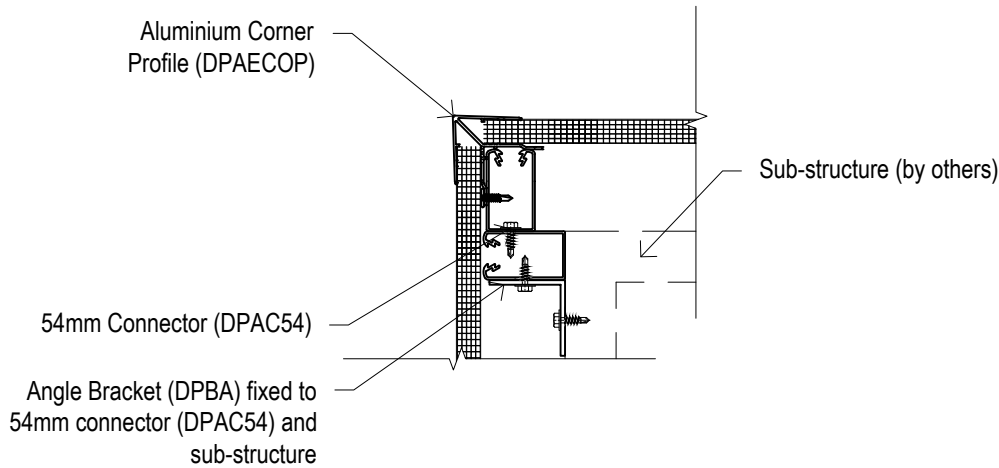
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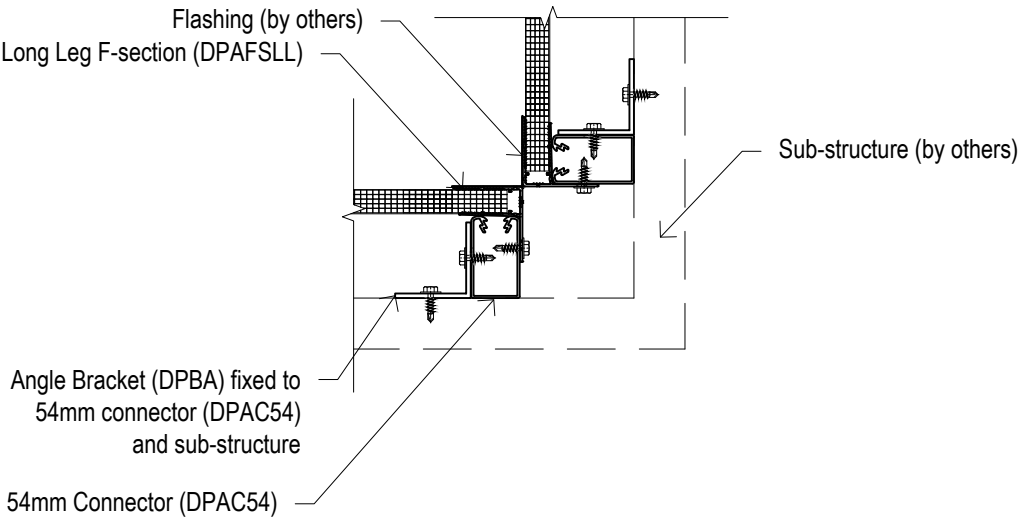
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DANPALON® PANEL OPTIONS			CAPPING PROFILES		
 <div> DP8 - 8mm Honeycomb (600mm width) Weight: 1900gsm Stocked in Clear, Opal, Reflective Ice and Reflective Grey Other colours available to order </div>			 <div> DPAEC - Aluminium End Cap Stocked In Clear Anodised Finish Powdercoating available to order Suitable for 8mm, 10mm, 12mm, 16mm Danpalon® Panels <i>(*16mm Variant Shown - DPAEC16)</i> </div>		
 <div> DP10 - 10mm Honeycomb (600mm width) Weight: 2666gsm Stocked in all Reflective, Standard and Premium colours Other colours available to order </div>			 <div> DPAECLW - Aluminium Light Weight End Cap Stocked in Mill Finish Anodising and Powdercoating available to order Suitable for 10mm and 16mm Danpalon® Panels <i>(*16mm variant shown)</i> </div>		
 <div> DP12 - 12mm Multicell (900mm width) Weight: 2840gsm Stocked in Softlite Ice and Reflective Grey Other colours and 600mm width available to order </div>			 <div> 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 <i>(*16mm variant shown)</i> </div>		
 <div> 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 </div>			 <div> DPAFSL - Aluminium Long Leg F-Section Profile Stocked in Mill Finish Anodising and Powdercoating available to order Suitable for 16mm Danpalon® Panels </div>		
 <div> 3DLite - 22mm Louvred Panel (600mm width) Weight: 3100gsm Stocked in White Other colours available to order </div>					
CONNECTOR OPTIONS			BRACKETS		
 <div> DPAC30 - Aluminium Connector (30mm) Stocked In Mill and Clear Anodised Finish Powdercoating available to order </div>			 <div> DPBA - Angle Bracket Stocked In Galvanised Steel Finish Powdercoating available to order </div>		
 <div> DPAC54 - Aluminium Connector (54mm) Stocked In Mill and Clear Anodised Finish Powdercoating available to order </div>			 <div> DPBG32 - Girt Bracket Stocked In Galvanised Steel Finish Powdercoating available to order </div>		
FASTENERS					
 <div> WS16/22/35 - Wafer Screw 16mm / 22mm / 35mm TEK25 - Hex Head Screw 25mm Self-Drilling screws suitable for Metal and Timber (specify substrate when ordering) Zinc-Galv. and Stainless Steel options available to order </div>					
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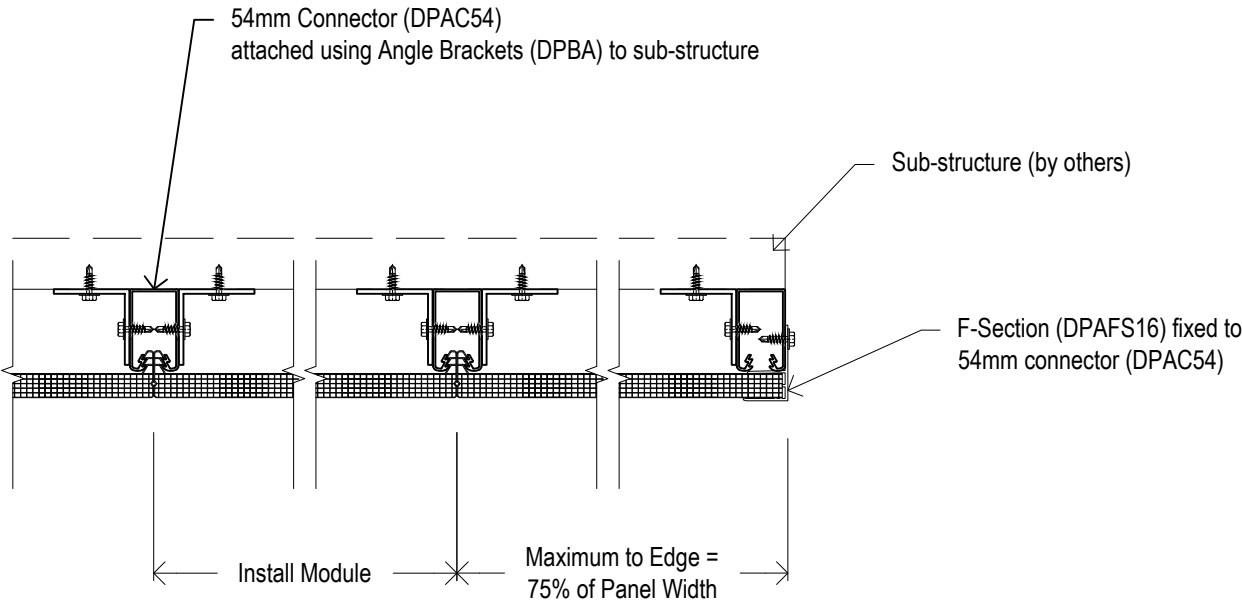
PANEL SET OUT		
Panel Thickness	Panel Width	Install Module
8mm	600mm	602mm
10mm	600mm	602mm
12mm	900mm	902mm
16mm	1040mm	1042mm
3DLite	600mm	602mm



1 PLAN VIEW - EXTERNAL CORNER



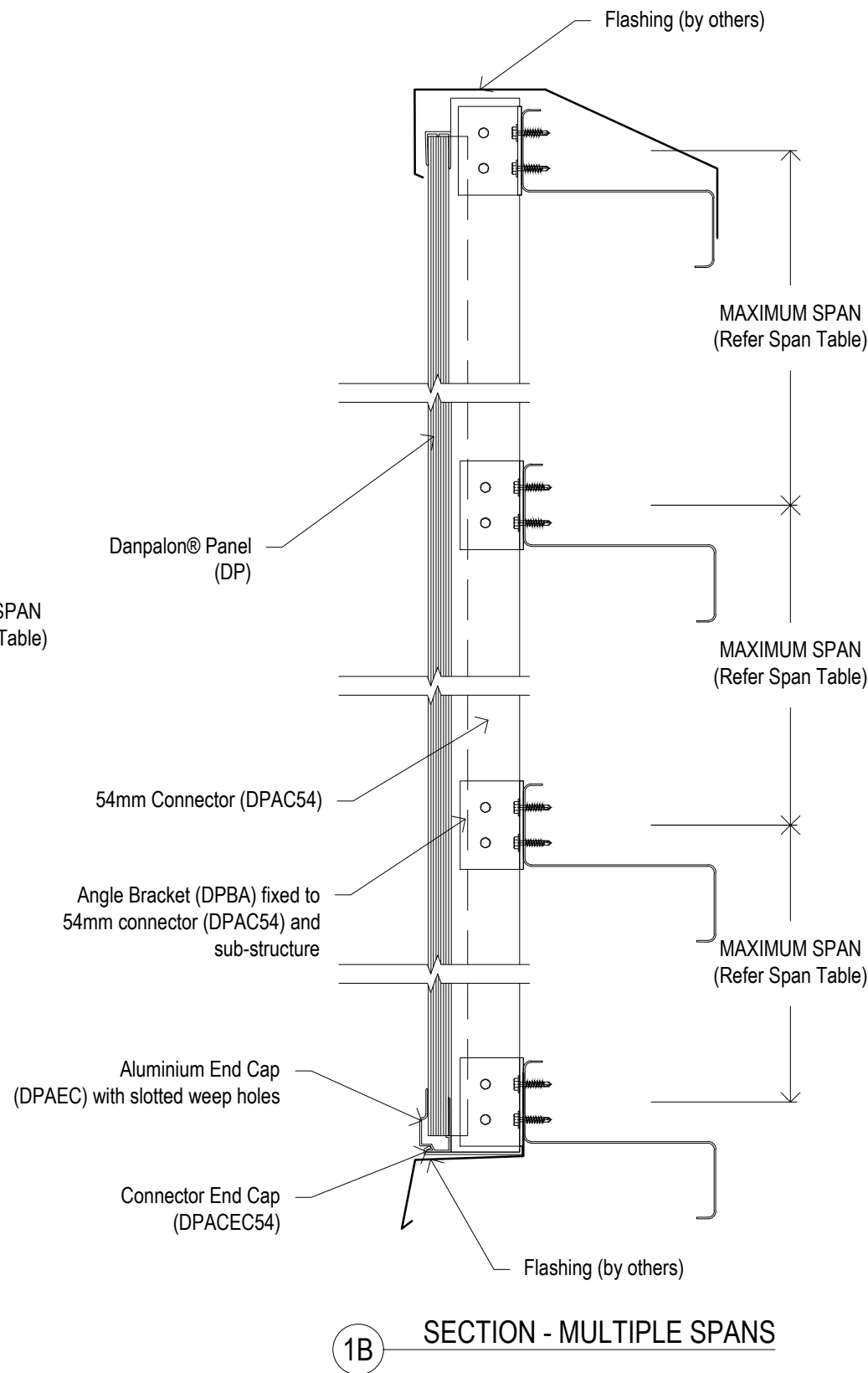
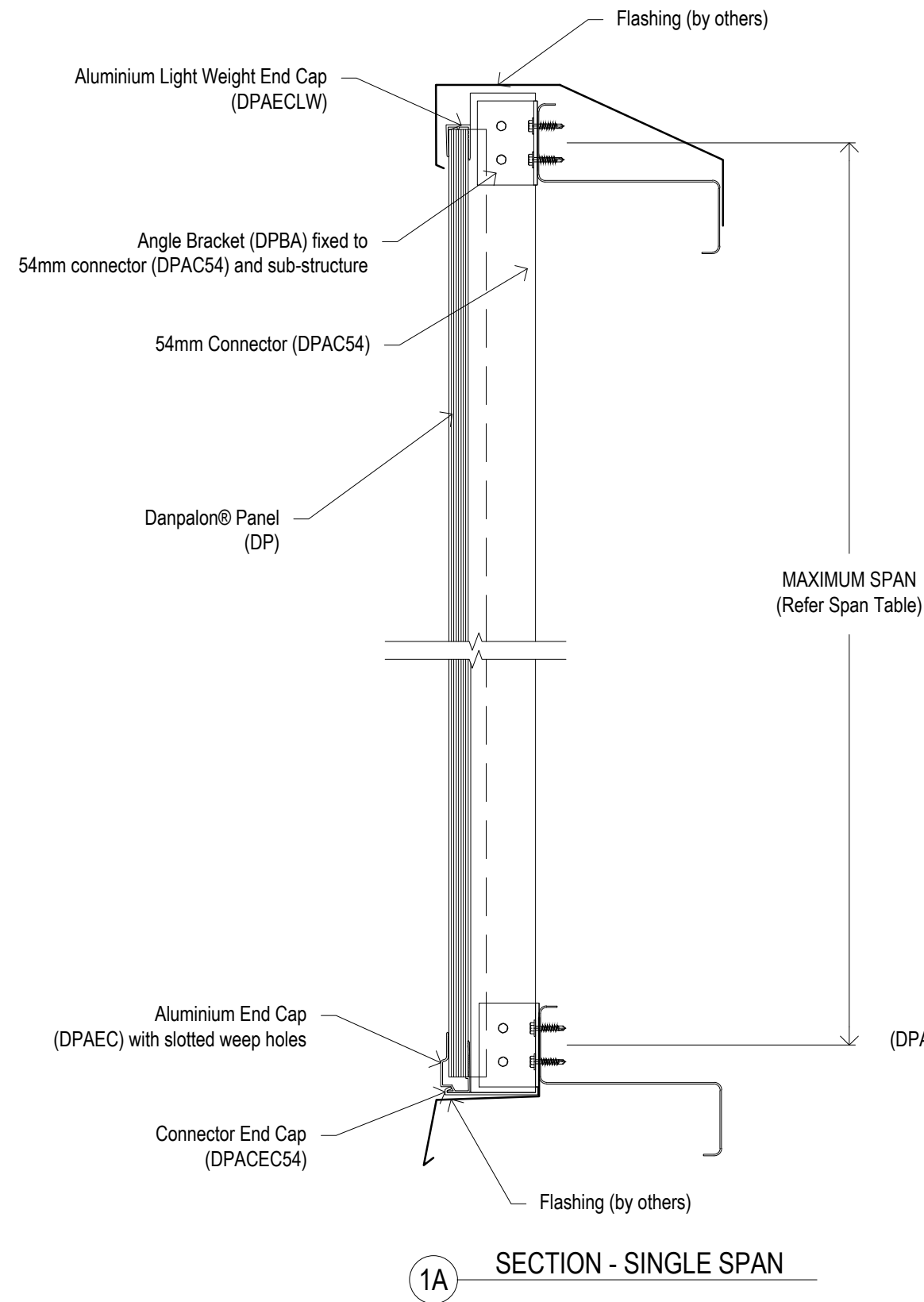
3 PLAN VIEW - INTERNAL CORNER



2 PLAN VIEW - TYPICAL ARRANGEMENT



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SPAN TABLE					
Connector	Span Type	10mm	12mm	16mm	3DLite
Polycarbonate Connector (DPC)	Mid Span	1100	1100	1300	1100
	End Span	800	800	900	800
30mm Aluminium Connector (DPAC30)	Mid Span	1600	1600	1600	1600
	End Span	1200	1200	1200	1200
54mm Aluminium Connector (DPAC54)	Mid Span	2100	2000	1800	2000
	End Span	1500	1450	1400	1450

Above figures are in millimetres (mm).
Design load 1 kPa (ultimate) 0.7 kPa (serviceable). Deflection criteria span / 50.
 Please consult Danpal Australia for any other situations and more information.



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CROSS SECTION DETAILS

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DANPAL TRADITIONAL FACADE STANDARD DETAILS

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