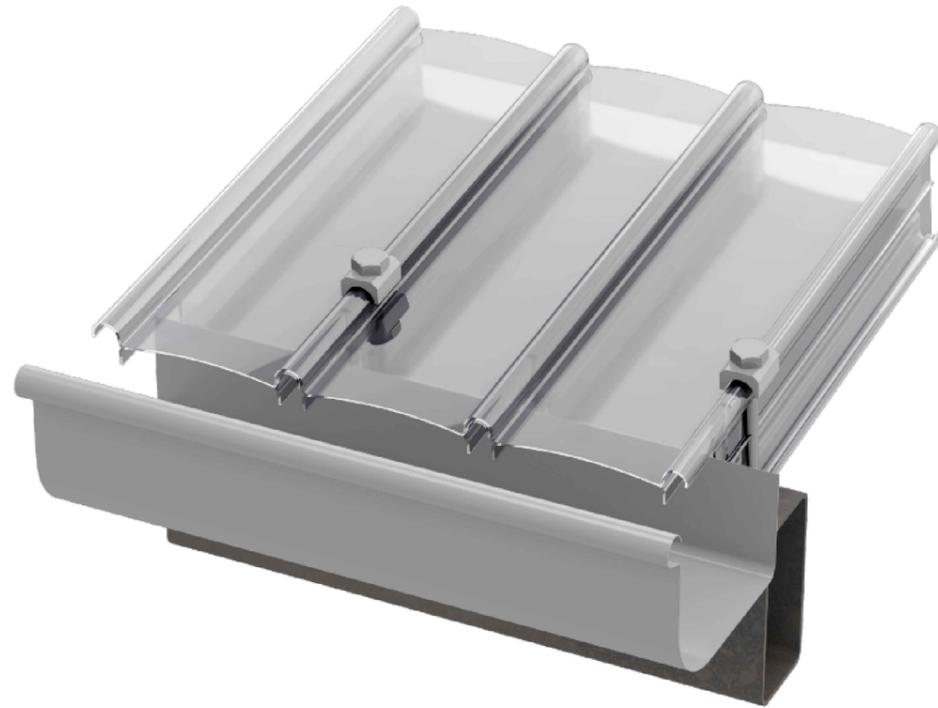


# EVERBRIGHT ROOF SYSTEM



## GENERAL NOTES

### DRAWING INFORMATION:

This drawing set is only applicable to the standard Everbright Roof System using Everbright panels and related accessories.  
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### 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.**



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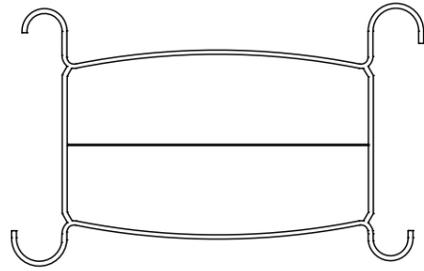
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**TITLE PAGE AND GENERAL NOTES**  
Drawing Series:  
**EVERBRIGHT ROOF STANDARD DETAILS**

Drawn:  
**HL**  
Sheet Scale:  
**NTS**

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**AN**  
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**12/11/2020**

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# EVERBRIGHT COMPONENTS



**E610 - Polycarbonate Tube**  
 11980mm maximum length  
 100mm width  
 Weight: 0.762 gsm  
 Stocked in Clear (65-10001), Opal (65-10004), Ice White (65-10005) and Blue (65-10006)



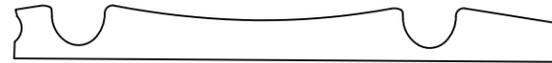
**Poly01 - Polycarbonate Locking Bar**  
 11980mm maximum length  
 Stocked in Clear  
 (65-61001)



**EVB01 - Aluminium Locking Bar**  
 11980mm maximum length  
 Stocked in Mill Finish  
 (65-690100)



**EL135 - External Foam Profile**  
 600mm length  
 Stocked in White  
 (65-690006)



**EL136 - Internal Foam Profile**  
 600mm length  
 Stocked in Black  
 (65-690005)



**FOAM - Side Foam Profile**  
 15mm x 20mm x 6000mm  
 Stocked in Grey  
 (65-690203)



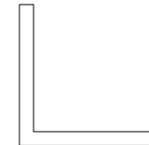
**EL137 - End Lap Foam Profile**  
 600mm length  
 Stocked in Black  
 (65-690010)



**EL28 - Clamp plate**  
 3000mm length  
 Stocked in Mill Finish  
 (65-690102)



**ENDC - Perimeter Trim**  
 6500mm length  
 Stocked in Mill Finish  
 Anodising and Powdercoating available to order  
 (65-690110)



**EL16 - Eave angle**  
 6500mm length  
 Stocked in Mill Finish  
 (65-690103)



**EL154 - Clamp Washer**  
 Stocked in Mill Finish  
 (65-690101)



**EL156 / EL158 - Stainless Steel Fastener**  
 125mm  
 Self-Drilling screws suitable for Metal and Timber (specify substrate when ordering)  
 (65-69003 or 65-69004)



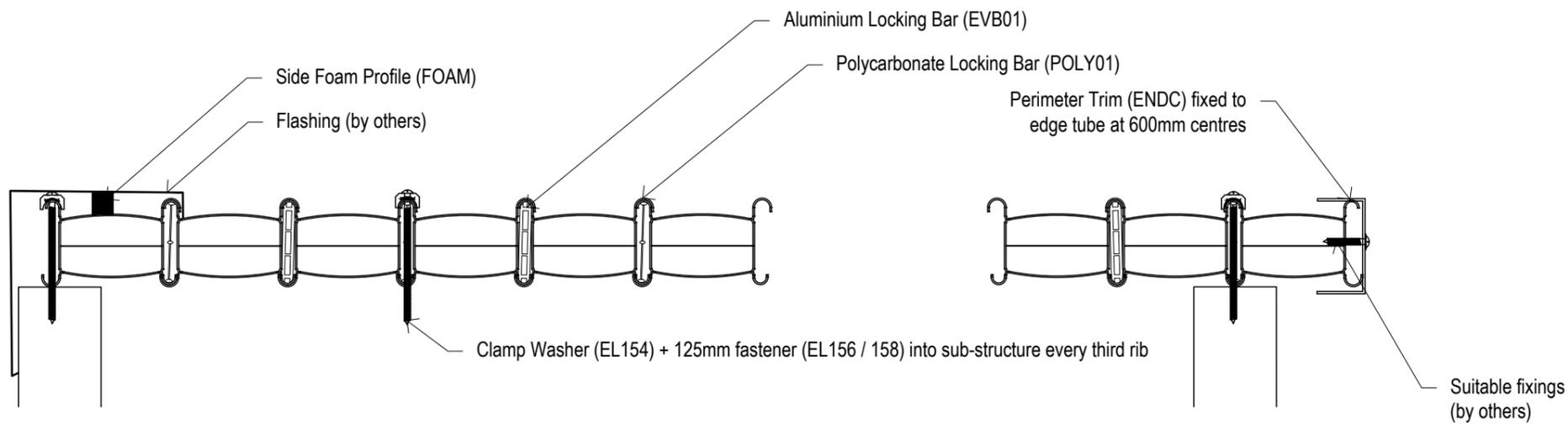
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Sheet Title:  
**COMPONENT DETAILS**  
 Drawing Series:  
**EVERBRIGHT ROOF STANDARD DETAILS**

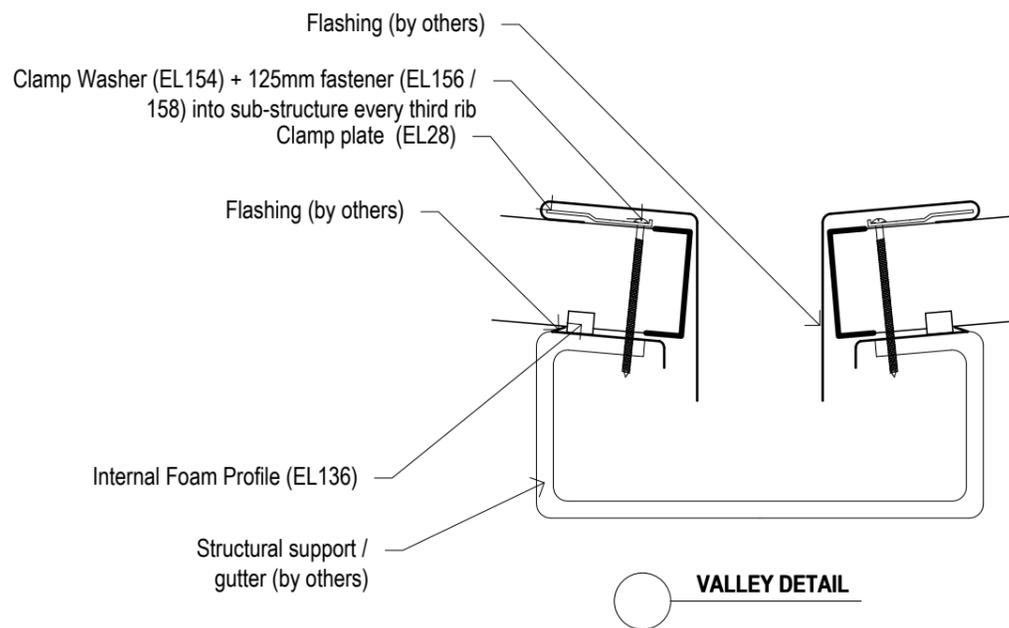
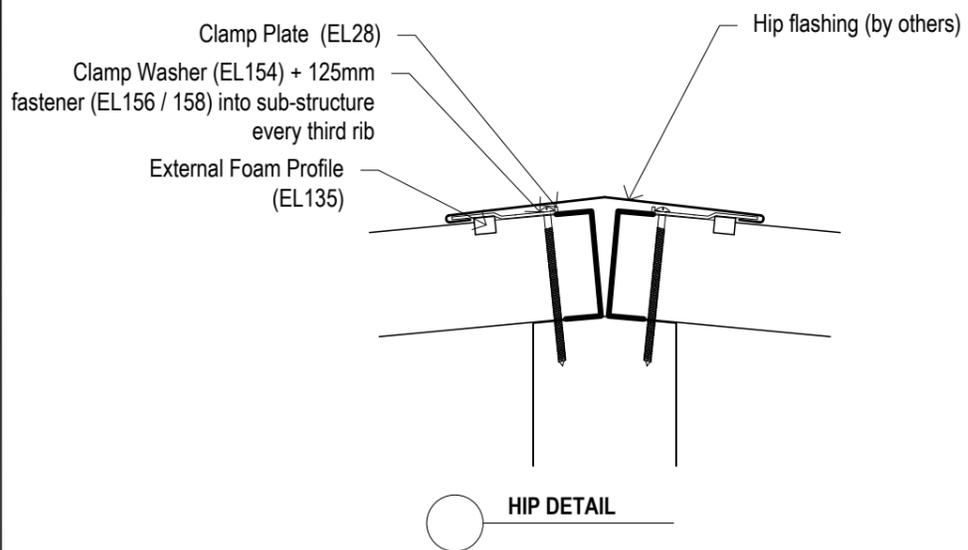
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**CROSS SECTION - TYPICAL DETAILS**



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Sheet Title:  
**CROSS SECTION DETAILS**  
 Drawing Series:  
**EVERBRIGHT ROOF STANDARD DETAILS**

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**1:5 @ A3**

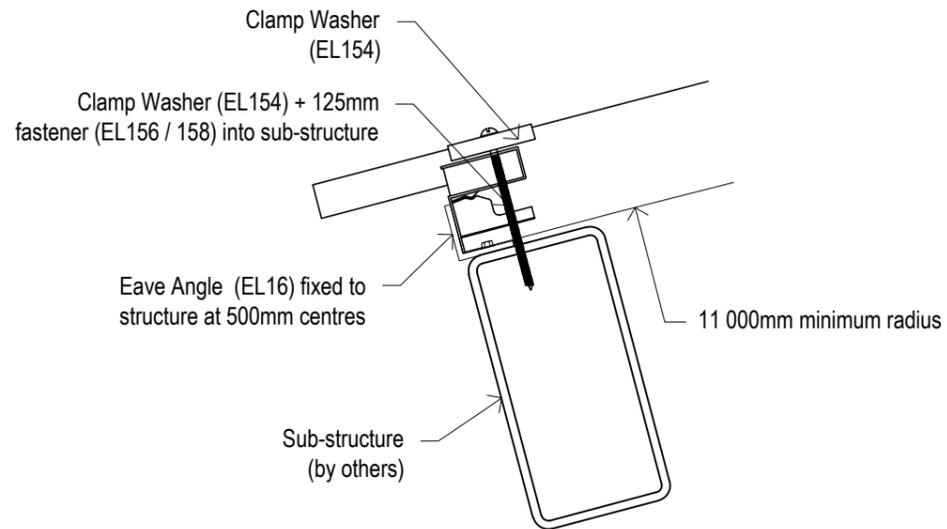
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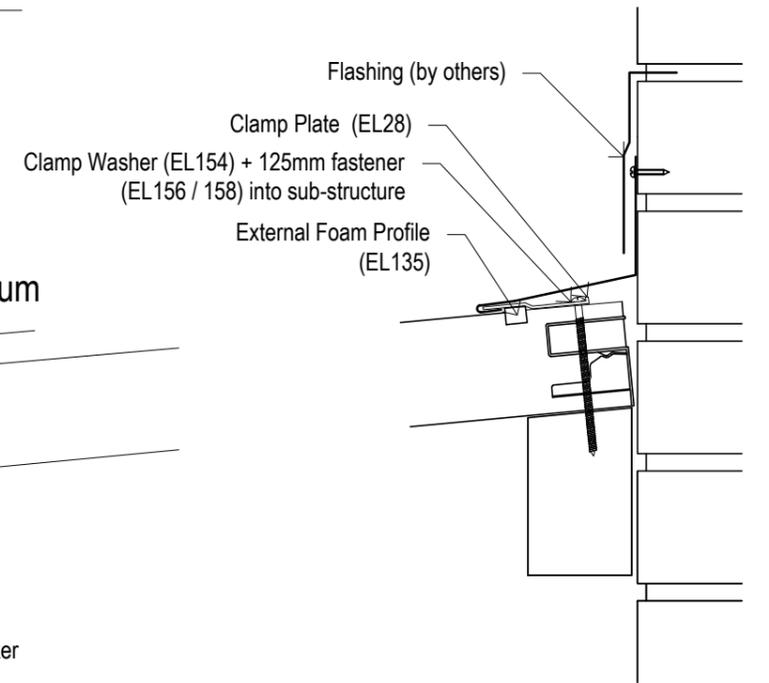
## SPAN TABLE

Locking System	Locking Bar Type	Maximum Single Span
LS1	5 Polycarbonate Locking Bars per 6 Tubes	2860
LS2.1	1 Aluminium Locking Bar + 4 Polycarbonate Locking Bars per 6 Tubes	3480
LS2.2	2 Aluminium Locking Bars + 3 Polycarbonate Locking Bars per 6 Tubes	3950
LS2.5	5 Aluminium Locking Bars per 6 Tubes	4750

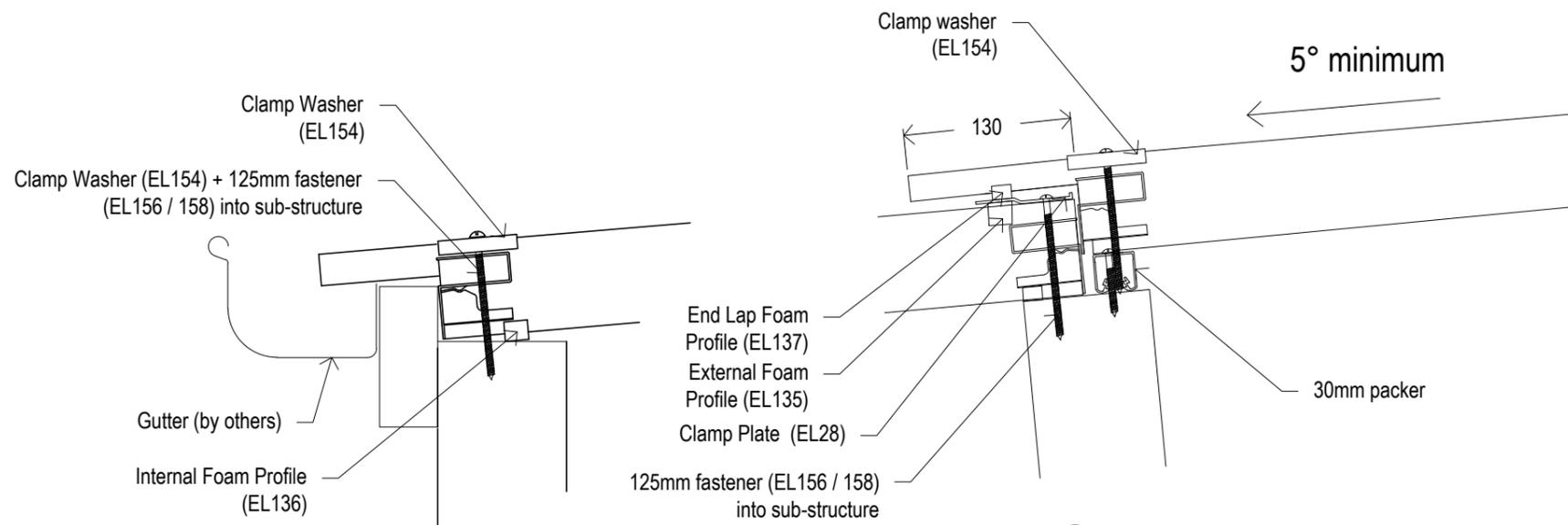
Above figures are in millimetres (mm).  
**Design load 1 kPA (ultimate) 0.7 kPA (serviceable). Deflection criteria: 50mm maximum.**  
 Please consult Danpal Australia for any other situations and more information.



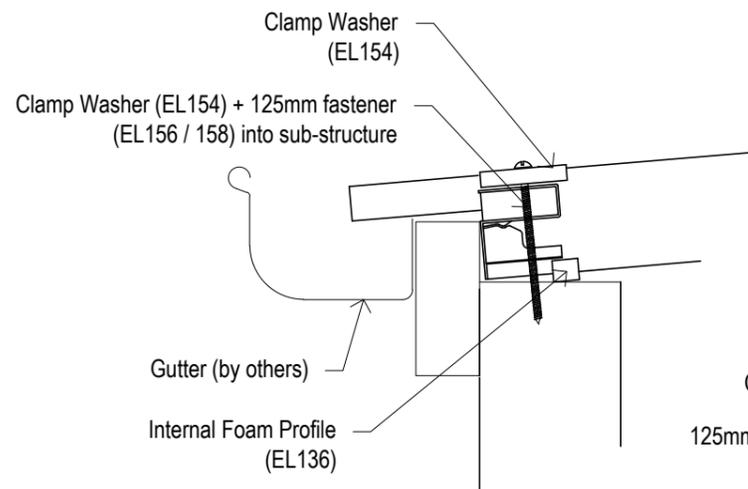
○ VAULT FASCIA DETAIL



○ HEAD DETAIL



○ OVERLAP DETAIL



○ GUTTER DETAIL



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Sheet Title:  
**LONGITUDINAL SECTION DETAILS**  
 Drawing Series:  
**EVERBRIGHT ROOF STANDARD DETAILS**

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**1:5 @ A3**

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