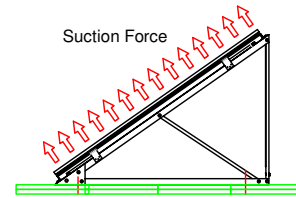


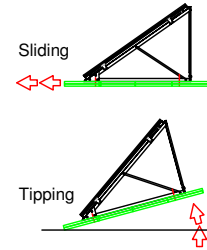
Typical Wind Loads

Typical imposed loads, Basic Wind Speed 23 m/s, Building height 15m, no parapet, location - town, altitude 10m, distance to sea 10km

Configuration	V20, V420	V30, V430	V30, V431
Positive Pressure (N)	2,630	3,950	3,950
Suction (N)	3,500	5,250	5,250
Net Uplift Force (N)	2,200	4,300	4,900
Typical ballast (kg)	725	1,100	850



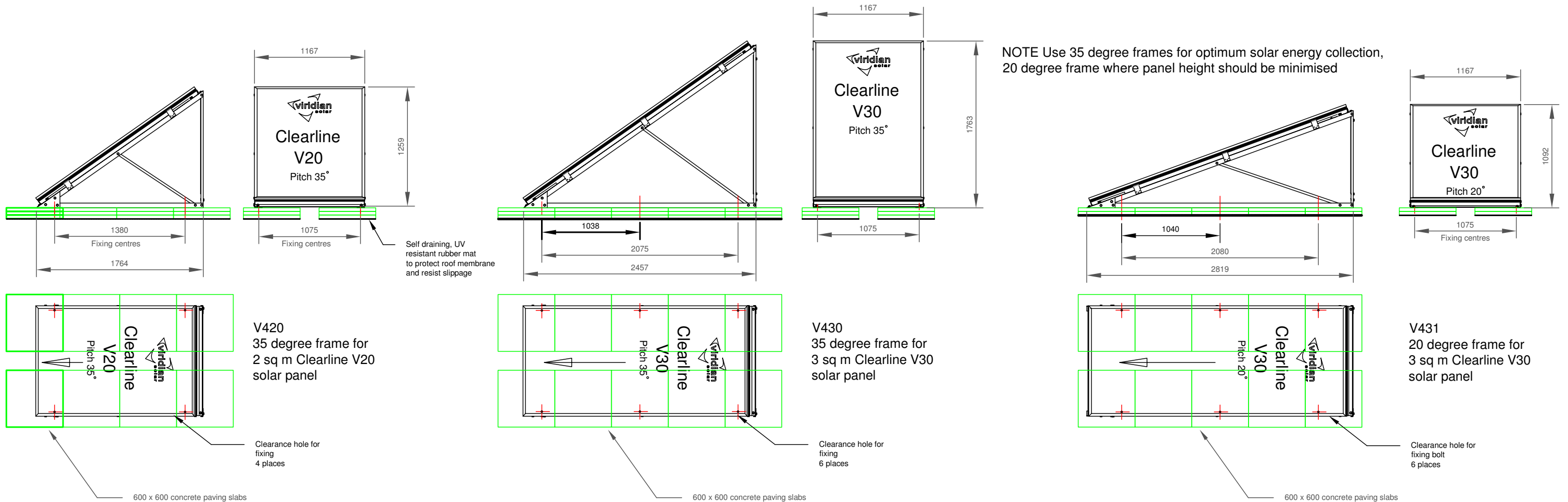
Key Failure Modes



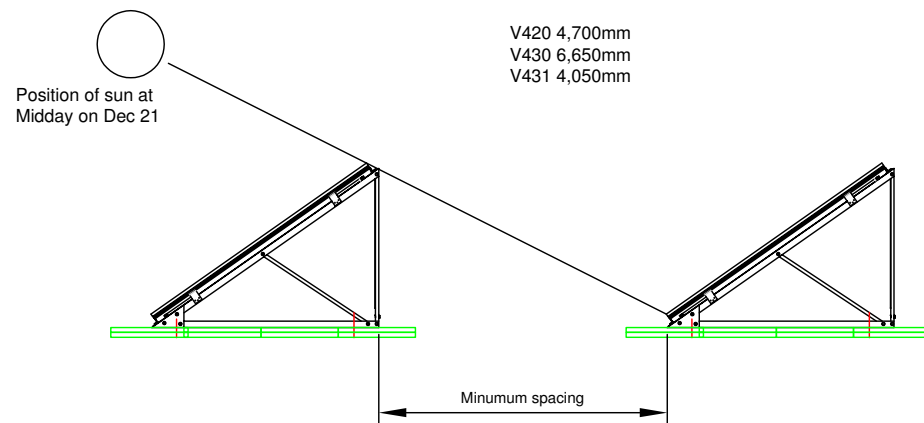
DISCLAIMER

This drawing is a standard detail and is for illustrative purposes only. Viridian Solar can supply wind loading calculations for the specific project. The weight of ballast and number of fixing points should be selected taking into account wind uplift forces. Consideration must be given not only to uplift forces, but also tilting and sliding. The project design team must satisfy themselves of the details and incorporate the principles within their own design.

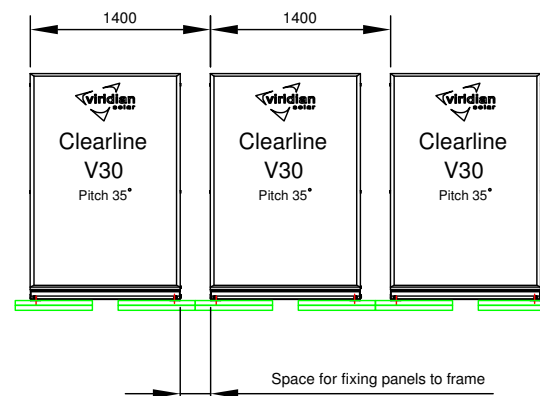
ISSUE	DESCRIPTION	DATE	APPD
0	Original Issue	26.02.2009	



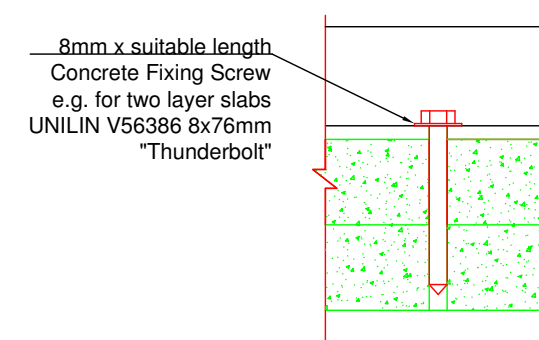
Minimum Spacing to Avoid Self-Shading




Horizontal Spacing



Fixing Detail





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TITLE Ballasted Framing Systems for Clearline Solar Panels

DRAWN SAE	DATE 09.02.2009
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