

Rivet specification; 4.8mm diameter body with 16mm head

Fixed hole size; 4.9mm diameter

Floating hole size; 9.5mm diameter

Panels should have 1 fixed point per panel, this should be located as central as the dimensions of the panel and the rail locations allow - see Panel 2 in top right image

Should a panel need to have 2 fixed points due to design, these should be adjacent and centred in the panel - multiple fixed points should not utilise the same carrier rail

The fixed point in the panel should be as near as possible to the fixed bracket of the carrier frame

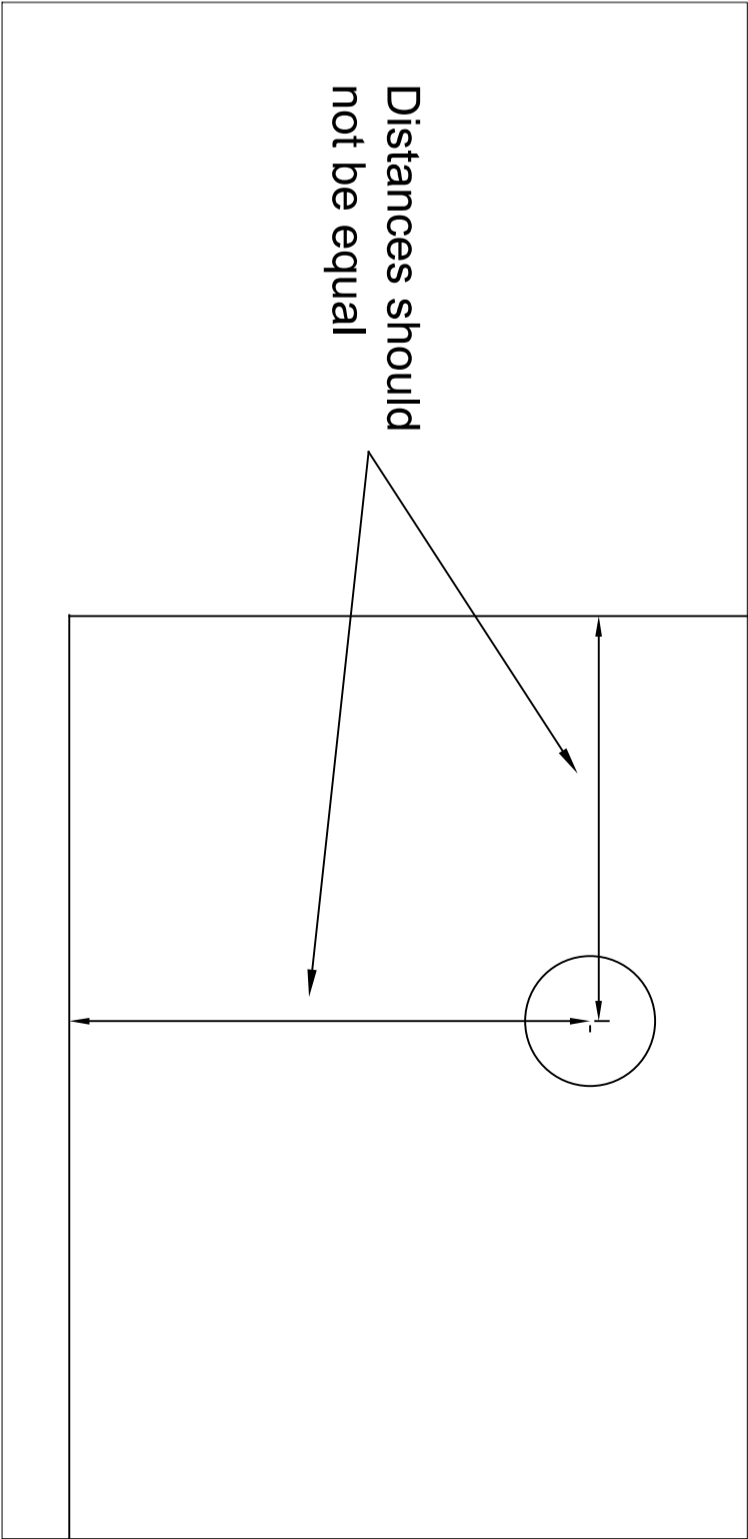
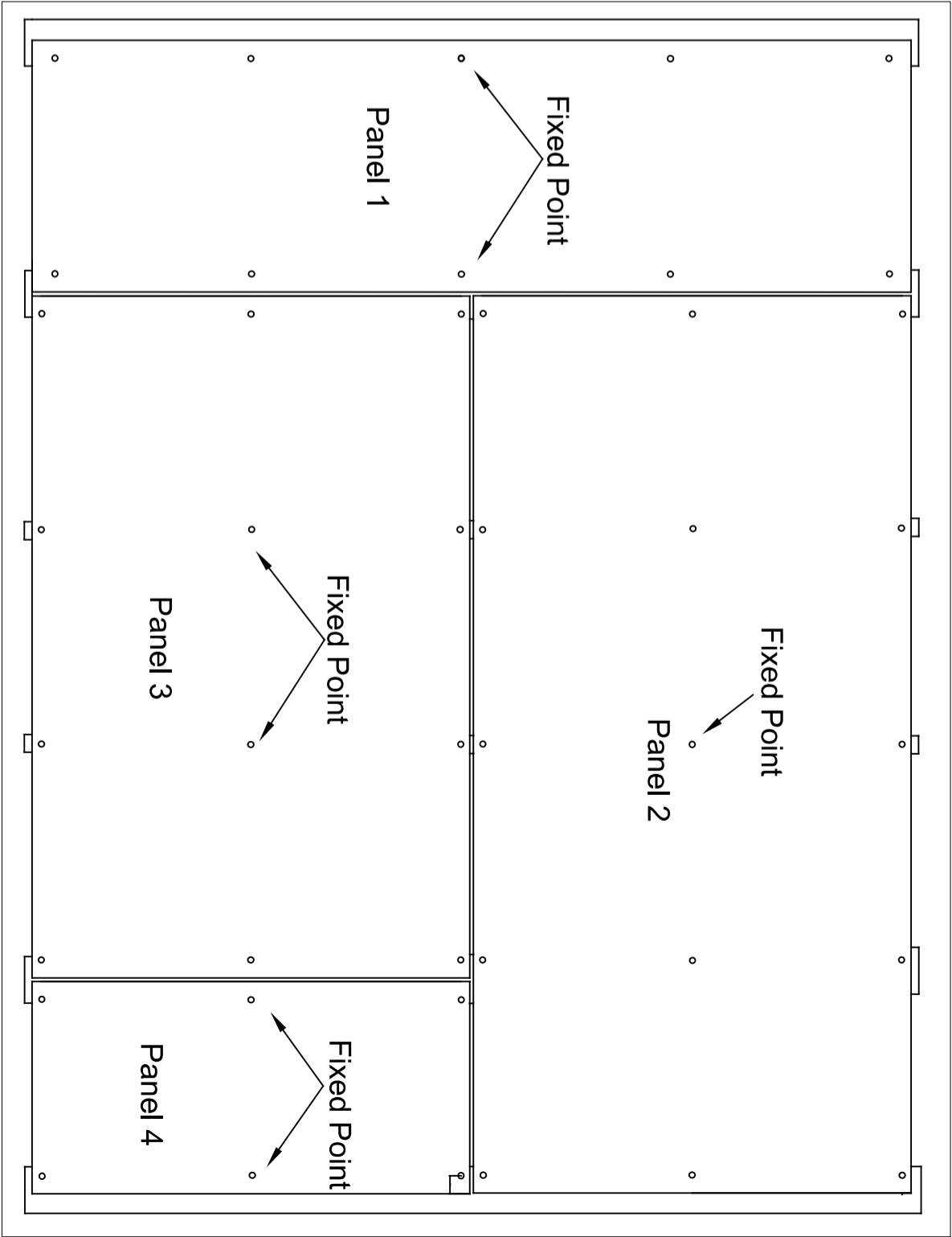
Vitrafix rivet adapters should be used with Vitrafix rivets to prevent over tightening and a Vitrafix centralising tool should be used to ensure the rivet body is centred in the floating point holes

Rivet locations spaced at a min. 300mm to max. of 600mm centres depending on wind loads applicable to the project - please contact Valcan if deviation of measurements is required for project requirements

Rivets should be 25-50mm in from the edges of the panel measured across the panel fibres and 45-65mm from the edges measured with the fibres. The rivet should never be equi-distance from the edges of the panel - see bottom right image

Fibre direction runs the length of the uncut panel and can be noted by the 'smoothing lines' on the surface of the panel - fibre direction for panels in above right image run as follows:

- 1 - vertically
- 2 - horizontally
- 3 - horizontally
- 4 - vertically or horizontally (depending on how panel is cut)



<div><div><div><div></div></div><div>Valcan</div><div>Part of the Harmer Group</div></div><div>Fairview Europe Ltd t/a Valcan Dunball House, Unit N Woodlands Bristol Road, Bridgwater, TA6 4FJ tel: 0844 800 7131 email: enquiries@valcan.co.uk</div></div>	THESE DETAILS ARE LIMITED TO THE GENERALISED DESIGN SPECIFICATION FOR THE PRODUCTS SHOWN AND ARE INTENDED TO BE USED BY A TECHNICALLY SKILLED PERSON ONLY - ANY USE OF THESE DETAILS AT THEIR OWN DISCRETION AND RISK.		UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN MILLIMETRES		DRAWN: GB		DRAWING TITLE		DATE	
	CORRECTED BY A TECHNICALLY SKILLED PERSON ONLY - ANY USE OF THESE DETAILS AT THEIR OWN DISCRETION AND RISK.		ARE IN MILLIMETRES		CHECKED		CERAMAPANEL RIVET FIX		SHEET 1 OF 13	
	FILE NAME: RivetFix1CP-FixingSpec.dwg		ANGLES ± 0.1°		ENG APPR		FIXING SPECIFICATION		DRAWING No.	
	SCALE: NTS @ A4		3PL ± 0.001mm		MGR APPR				Feb 2023	