CAMPUS CANOPY

Architect	MOLA ARCHITECTURE
Client	CLEARY DOYLE
Location	DUBLIN
Year	2021

07850









Glulam timber, glass and steel – paired into an elegant and transparent double curved canopy, covers a sunken garden. This one-of-a-kind structure stands on the premises of The Campus, Cherrywood, Dublin. It has a seemingly simple design: three V-shaped columns carry a curved timber grid covered with glass. As the temperature changes, and the wood expands, the glass can move slightly on its profiles. This movement is accommodated in the columns.

A slender edge beam runs around the canopy and is single curved, and double curved at the corners. The beam slightly changes shape and has different inclinations . As timber doesn't resist torsion very well, this beam was particularly challenging from a structural point of view. Large invisible steel connections transfer forces between the edge beam elements. The primary beams are different and change shape and curvature. The connections to the edge beam are fluent.

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