

BELFIELD PAVILIONS

Architect
Client
Location
Year

MCCAULEY DAYE O'CONNELL ARCHITECTS (MDO)
SCOLLARD DOYLE
DUBLIN (IRELAND)
2021

07823



Several pavilions with expressive steel and glass structures are standing on the two courtyards of a renovated office park. Each pavilion has its own character, materialization and thus technical challenges. The focus was on high-quality detailing and materialization and hidden connections between elements. A square glass box (7x7x7m) leans slightly to one side. By using parametric tools, we created a regular space frame of weathered steel, supported by three custom tree-shaped columns. On top of these lie nine glass roof panels.

Each façade consists of three full height glass panels. With glass-on-glass connections in the corners, we optimized the transparency. Two floating wings of glass and steel hang from a characteristic W-frame that protrudes through the wings. It forms a canopy over the café terrace. The frame is connected to the wings via tension and pressure elements and via the central main beams of the roof.