

BRISTOL & BATH SCIENCE PARK BRISTOL, UK

CCL Client: Willmott Dixon

Consultant/Architect: Peter Brett Associates

Project Date: 2011



The SPark is a 54-acre £300 m development which opened in summer 2011 acting as a centre to connect businesses to new technologies. Located eight miles from Bristol and 15 miles from Bath (with junctions 19 and 20 of the M4 close by) the park is easily commutable to London, Birmingham and other major cities.

CCL worked on SPark One, the project's first building, from October 2010 to January 2011. It supplied the design and materials, and carried out the installation of its XF10, XF20 and XF30 post-tensioning systems.

Sustainability is an important factor for the park and it aims to be a zero-carbon site. In line with this, the objective of

CCL's solution was to minimise the quantities of materials used, by reducing the thickness of slabs, and creating exposed soffits to fully exploit the thermal-mass properties of the concrete. Post-tensioning provided increased crack control to the underside of the slabs.

Area director of the South West RDA, Ian Knight, said: "The success of major science parks elsewhere in the country demonstrates how clustering high-tech research companies close together really does work. The support at SPark will mean young, highly innovative businesses are connected to the best academic facilities and inward investment opportunities, attracting new business, investment and ultimately employment into the area."

Post-Tensioning - CCL (GB) Ltd

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