

Location: Loughborough

Client: University of Loughborough

Frame Contractor: Northfield Construction Ltd

Main Contractor: Baggaley Construction Ltd

Post-tensioning Design: CCL

Post-tensioning Installation: CCL

Year of Completion: 2009



Developed by Sport England and Loughborough University, the Sports Park is an £11.5 million complex, which will be the new home to the English National Governing Bodies of various sports and will provide office space, storage areas and sports facilities.

Completed in 2009, the Sports Park provides accommodation in a reinforced concrete framed three, four and five storey building complex. Each building is linked through glazed circulation spaces and provides the opportunity for shared practice and joint working. The project cemented Loughborough's national and international reputation as one of the world's great centres of sporting excellence.

Baggaley Construction, the main contractor, awarded the project to Northfield Construction, who commissioned CCL to undertake the post-tensioning design and installation element of the project. The majority of post-tensioning companies in the UK tendered for the project which was awarded to CCL because of the competitive price, high-quality package in terms of both system and service, along with the total support offered to the client throughout the tender process.

CCL was commissioned to supply the full design to all post-tensioned slabs using the CCL bonded XF system, installation, stressing and grouting. One of the important aspects of this project was the supply of a staple-free post-tensioned system to enable the soffits of the slabs to remain as exposed concrete