

Project Profile :: Mixed Use New Addington

Client: Spenhill

Architect: Accord Architecture

Scott White and Hookins' Role:

 Structural Engineering

 Civil Engineering

This regeneration of the centre of New Addington comprised a new Civic Facilities building incorporating library, leisure facilities, community centre, health centre and joint services centre, a new foodstore above a fully accessible public car park and the provision of 251 residential units constructed up to seven storeys above the roof of the foodstore.

The foodstore was designed as a steel framed structure with composite metal deck flooring. The residential flats were off-site constructed volumetric units which were supported on a grillage of deep steel beams at store roof level. The service yard for deliveries is located at first floor level with access provided by a ramp from ground floor level. An energy centre provided heat and power to the store, residential units and the civic facilities building.

The Civic Facilities building was also designed as a steel frame with composite metal deck floors. The roof was a mix of lattice trusses above the pool area and cellular beams to the remainder.

