

Project Profile :: Residential Block F and C, Highams Park

Client: Spenhill

Scott White and Hookins' Role:

 Structural Engineering

 Civil Engineering

The project involved construction of two new four/five storey blocks of flats with combined basement parking to provide residential accommodation.

The site is located off the High Street on an industrial estate in the centre of Highams Park. Existing buildings had to be demolished to make way for the two new blocks.

The site was confined on all four sides by access roads to adjacent residential housing and offices/retail store. The flats are built up directly against the office block and retail unit maintaining separate structures.

The project was let on a Design and Build basis and Scott White and Hookins were novated to the Contractor.

Construction was a reinforced concrete frame encompassing flat slab design and minimal column requirements supported on a reinforced concrete podium structure supported off ground beam and piled foundations. Continuous flight auger piles were used to minimise the impact of vibration and noise to the surrounding area. A SUD system was provided to store surface water on site and control the site discharge of the surface rain water run-off.

