

Project Profile :: Residential/Railways

Cumberland Road, Portsmouth

Client: Drum Housing Association

Architect: Kenn Scadden Associates

Contractor: ROK Group

Scott White and Hookins' Role:

 Structural Engineering

 Civil Engineering

A new residential/commercial developments at Cumberland Road North, Portsmouth completed in March 2009.

This development provided commercial space on the ground floor and a further 5 floors of social housing in new a block for Drum Housing Association adjacent to the main railway line.

Scott White and Hookins were appointed to undertake the design for the foundations, drainage and ground floor slab. The superstructure was specialist design, providing loads for the foundation design.

The former residential site required a number of specific issues to be dealt with, with including:

- Building adjacent to the railway line
- Large sewer in the site
- Discovery of an old well.

Scott White and Hookins coordinated the negotiations with Network Rail for the building adjacent to the railway, and also the agreement with the drainage undertaker.

Careful detailing of the foundations and drainage was required to achieve approval from all parties

