

Project Profile :: Mixed Use

Dukes Mill, Romsey Refurbishment of Concrete Framed Building

Client: Pilgrim Trustee Services Ltd

Architect: Househam Henderson

Scott White and Hookins' Role:

 Structural Engineering

 Civil Engineering

This project involved the complete refurbishment and extension of an existing reinforced concrete framed three storey building. The existing was used as retail at ground floor level and as offices and storage at the upper levels.

The existing ground floor area was gutted and refurbished to provide new retail outlets and the upper storeys were converted to residential accommodation. The large three storey extension provided the same mix of use and also included provision for some car parking at ground floor level.

Alterations undertaken to the reinforced concrete brick clad early 1970s building included the formation of new lightwells through the existing lightweight roof with holes cut through the second floor slab, all openings being trimmed with new steelwork. In addition new ground beams were provided to support a replacement staircase at 90° to an existing one, together with ancillary steelwork to support a new canopy and various openings and alterations to the façade

The new extension was a steel frame structure with composite deck floors all supported on a substructure comprising suspended insitu reinforced concrete ground slab, ground beams and piles.

