

WHARNCLIFFE

BUSINESS PARK - BARNLSLEY

Client: Priority Sites Ltd

Role: Principal Contractor

Contract Type: Design and build tender

Architect: JM Architects

Value: c£2,600,000

Duration: 30 weeks

Complete: October 2006



Wharncliffe Business Park is on the site of the former Wharncliffe Woodmore Colliery and the site has been developed in phases in order to revitalise and regenerate the area.

This was the third phase of a brownfield development involving the construction of 11 hybrid office/warehouse units and a two-storey office block, with a total approximate floor area of 50,000 sq ft.



Situated on a former mine working, the site had to be fully remediated prior to the start of sub-structure works. Because of a varied geo-technical nature and some substantial areas of made ground, some of the units required consolidation utilising a vibro-piling technique to solve ground-bearing issues.

Pre-cast reinforced concrete wall panels formed the inner leaves for all cavity walls in lieu of the more standard blockwork. These incorporated a purpose-designed "boot" to carry the decorative brick outer leaf and also span in-between stanchion bases to form the strip "footing".

The use of RC panels sped up construction time and afforded a higher level of security.

In keeping with the first two phases, multi-directional profiled cladding gives the warehouse units an interesting appearance. Outside there are reinforced concrete service yards, hot rolled asphalt circulation roads and Palladian-type security fencing, with areas of landscaping to local authority requirements.

Design and construction was successfully undertaken to meet the "Very Good" BREEAM rating.



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