

**HOUSING**

**CONTRACT:** Pembroke Park, Crawley  
Sussex

**CONTRACT PERIOD:** 50 Weeks

**CLIENT:** Fairview New Homes

**VALUE:** £10.75 million

**CONTRACT DESCRIPTION:**

The project consisted of 850 Units being constructed over a 22 acre site replacing the old Crawley Leisure Centre (Mann Construction having just completed the new Leisure Centre of a value of £5.2 million). The development included traditional foundations to one section, the remainder of the development had underground car parking which involved a basement construction and the remainder of the development being constructed in Reinforced Concrete. Within the reinforced concrete structure was a 600mm deep 6500m<sup>2</sup> podium deck, RC columns were then installed as a progressive collapse system for the 5 storey High section.

Due to the major height difference across the expansive site a 250 metre long pumping main was installed, coupled with this was extensive drainage and attenuation systems working up to a maximum diameter of 675mm. The complete drainage system connected into a 6.7m deep existing sewer.

The hard landscaping consisted of a combination of block paving and tarmac access roads and parking areas. To facilitate the complete development a large 278 work scheme was also constructed for Crawley Borough Council. This consisted of a complete road widening scheme to Haslett Avenue with 2 new traffic controlled junctions and a new concrete fastway section for the Metrobus Network

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