

BRAYS GROVE SCHOOL

HARLOW, ESSEX

Clifford Devlin were commissioned to carry out the asbestos removal and demolition phases of this £23 million project to build a new secondary school and technology college at Brays Grove, the previous site of Brays Grove Community college having closed down.

The project involved asbestos removal, soft strip and demolition of nine blocks of 2 and 3-storey buildings and several outlying sheds. The blocks were demolished in a stepped formation using long reach machinery and mini excavators whilst leaving the structures self-supported at all times.

The project included the break-up and removal of ground-bearing slabs, foundations and all underground ducts and services which were capped at the site perimeter.

The principal contractor Wilmott Dixon requested that any recycled concrete aggregate (RCA) be processed into 6F2 graded material for use in the build phase. We implemented the Quality Protocol devised by WRAP to prepare over three thousand tonnes of certificated 6F2 which was left on-site for use as a piling mat.

As well as concrete aggregate, metals, glass, timber, plasterboard and tarmac were recovered, segregated on-site and sent to local centres for recycling. Over 98% of the waste generated was re-used or recycled.

Discipline: Asbestos removal/Demolition

Duration: 4 months

Value: £750k

Project manager: Atkins

Principal contractor: Wilmott Dixon

Client: Essex County Council

Clifford Devlin's multi-disciplined approach to demolition served us well on this project. They identified and removed unexpected asbestos material quickly and efficiently and their performance in recovering and recycling waste was equally impressive.

Keith Johnson, Senior Chartered Building Surveyor, Atkins Ltd

