

SILVERTOWN WAY

LONDON E6

Demolition of 4-storey and 3-story re-enforced concrete frame blocks of flats and 4-storey, block containing 22 maisonettes, with a flat roof construction in the Canning Town Estate in East London.

Following disconnection of services the buildings were soft stripped of all non load-bearing items and fixtures and fittings before protective scaffolding was erected around the end elevations of the blocks, and clad with debris netting to prevent nuisance dust being emitted from the works.

Asbestos identified in a pre-demolition survey was removed by our Asbestos Division under controlled conditions before structural demolition commenced. This was carried out using and using a combination of hand and machine demolition techniques.

The structures were demolished by 360 degree excavators fitted with a rotating pulveriser attachments working in a stepped formation, leaving the structure self-supporting at all times.

Scaffolded elevations were demolished by operatives using hand held tools and equipment. Temporary exclusion zones were created when the excavators were working near public elevations and pedestrian traffic controlled by trained traffic marshals.

Demolition was down to and including ground slab and foundations / pile caps. Dust emissions during structural demolition and masonry loading operations loading operations were minimised using waste sprays and dust boss machines that emit a atomised water sprays. Debris were 'folded' into the foot print of the site and segregated at ground level into different waste streams.

Of the 5273 tonnes of waste generated 96.5% was recovered and either re-used or recycled.

Discipline: Asbestos Removal / Demolition
Duration: 6 months
Completed: April 2011
Value: £550k
Client: London Borough of Newham

Clifford Devlin delivered this project on-time and to-budget. We were particularly impressed with their environmental performance: disruption to adjoining properties was kept to a minimum and their management of waste and energy helped us to fulfill our obligations to sustainability.

James Harry, Rehousing & Community Development Officer, London Borough of Newham

