

UNWINS DEPOT

DARTFORD, KENT

This project was part of the redevelopment of the Unwins Depot in Dartford, Kent. The 2.4 hectare site is being regenerated by the South East England Development Agency (SEEDA) to create a mixed-use development of retail outlets, business units and housing.

Clifford Devlin won a competitive tender to provide the enabling works which involved the demolition of three buildings and remediation of several 'hotspots' contaminated with asbestos and hydrocarbons.

Following the removal of asbestos cement sheets from roof coverings the warehouse structures were dismantled by severing and removing the roof trusses and beams then demolished using excavators fitted with hydraulic attachments. The demolition of the administrative building was undertaken using a long reach excavator.

Excavation of the hotspots involved the break-out and processing of 15,000 cubic metres of concrete slab and foundations. We excavated to a depth of 1.5m and removed the upper 500mm of contaminated material for decontamination.

ACMs were removed using a variety of manual techniques (pick and sort) and screening equipment while the hydrocarbons were treated using cement stabilisation.

The decontaminated material was re-deposited which involved installing a geogrid layer and establishing a 250mm crushed concrete cap over the site.

Discipline: Asbestos removal/Demolition/Remediation
Duration: 5 months
Completed: June 2010
Value: £1.6 million
Consultant: Campbell Reith Hill
Client: South East England Development Agency (SEEDA)

Clifford Devlin submitted a favourable programme and schedule for the Dartford project. They were not the cheapest but we were impressed with their sustainable approach to remediating the site and their environmental credentials which allowed them to gain a better overall tender evaluation score.

Julian Perry, Senior Project Manager, SEEDA

