



Roundshaw Estate Regeneration, Wallington

THE TASK

This major regeneration scheme involves nearly 2000 residential units located on the old Croydon Airport site, and is a mixed redevelopment between Wimpey Homes and the London Borough of Sutton. The scheme, phased over 8 years, involves the demolition of existing property to make space for new units. The site comprises many different house types, mixed-use work units, and has individually serviced units with integral heating, hot water provision and electrical services. Communal facilities and units suitable for disabled residents are provided on the site.

The existing high and medium rise blocks are being demolished and replaced with low-rise houses and some flats. With 1100 new homes, the redevelopment provides the existing estate with a similar total of low rise dwellings. The removal of the blocks and segregated pedestrian decks requires the provision of a new network of roads and pedestrian routes.

The new dwellings are being built in a multi-phased process of build/decant/demolish/build in order to provide accommodation for the occupants of blocks to be demolished. The revitalised estate consists of neighbourhoods of differing architectural character and provides improved living conditions, considerable environmental improvements and improved access to the adjacent Metropolitan Open Land.

We are undertaking the civil and structural engineering design for this scheme, which will replace or refurbish 1,937 dwellings in a mixture of high, medium and low rise blocks on 34.2 hectares. We have carried out topographic survey and geotechnical and contamination investigation for the project.

CLIENT:

Hyde Housing Association
and Metropolitan Housing
Trust

SERVICES:

Civil and structural design,
infrastructure design and
geotechnical investigation

VALUE:

£250m

TYPE:

Regeneration