



Client

L B Lambeth

Site

Kennington, London

Role

Architect, Cost Consultant,
Town Planner, Contract
Administrator, Interior Design

Value

£14.7m

Project

Refurbishment of 300 residential units in three high rise blocks

OVERVIEW

Pellings were appointed to assist L B Lambeth on one of the Council's largest housing refurbishment projects that has transformed almost 300 flats in three 40 year old dilapidated tower blocks in Kennington, South London.

The scheme aims to provide decent homes for social tenants inside refurbished exemplar energy efficient buildings on the Ethelred Estate. The project is to be a benchmark for sustainable social housing with an expected reduction in carbon emissions of 81% for a typical mid floor flat.

Renewable energy is generated on site via one of the largest Photo Voltaic panel arrays in the country, which has been integrated into the new insulated external cladding and 63kw peak. In addition, a gas fired CHP unit delivering district heating and hot water will provide further electrical generation for the council which hopes to use it either as an energy services company or to sell electricity to the national grid, so profits can be reinvested into local services.

Concerto, an initiative launched by the European Union to address sustainability, will monitor energy use throughout the buildings and advisors will visit homes to suggest further ways of reducing energy consumption for two years post completion.

ETHELRED ESTATE



The project was a finalist in the Sustainability Awards "Sustainable Refurbishment of the Year 2010".

