



Loampit Vale

**Location:**

Lewisham, London

**Project Duration:**

16 Months

**Project Value:**

£5 Million

**M & E Consultant:**

MEP Gloster

**Client:**

Barratts

**Services Used:**

Mechanical & Electrical

A new build high rise residential project including energy centre located opposite Lewisham Station in South East London.

Brief

- A new leisure centre which will achieve BREEAM 'Excellent' standard, incorporation a 25-metre competition swimming pool, gym, cafe, creche, health spa and indoor climbing wall
- 788 new homes, of which 149 are affordable
- Residential units achieving Code 4 of the Code for Sustainable Homes
- Commercial, business and retail units
- New public open spaces and piazzas
- Energy centre and green roofs
- New facilities for the London City Mission

Scope

- Electrical infrastructure for 3no high rise residential tower blocks
- Onsite Energy Centre
- Extension to existing UPS room
- LV panel modifications
- PDU's, power
- Intelligent lighting control system

Solution

- A Renaissance build included Extending the existing UPS room
- The project was built in the centre of Lewisham and covers 1.7 hectares
- The Leisure centre facilities include two pools, group exercise studio, group cycle studio, a gym, a health suite, meeting room, creche, café, sauna and a steam room
- The 778 flats are located within eight buildings ranging in height from nine to 25 storeys
- The site won an NHBC Pride in the Job Award in 2011, and has now achieved an NHBC Pride in the Job Seal of Excellence 2012 Award for the work of Project
- Renaissance development also includes many energy saving features which will reduce potential carbon emissions by 44%, helping to make it one of the first mixed-use developments in the UK to reach Code 4 of the Code for Sustainable Homes together with 11 town houses constructed to code 6
- On the residential buildings there are landscaped roof terraces with panoramic views across the London skyline as well as resident garden areas
- The Renaissance site is based upon the aspirations for a place that promotes health, fitness and wellbeing, which have influenced the key urban design and architectural objectives