



## Redbridge Borough Council

### Energy Statements / SAP Assessments

#### BACKGROUND:

In accordance with Building Regulations Approved Document Part L1a (2013), predicted Carbon Dioxide (CO<sub>2</sub>) emissions have been determined using government approved Stroma FSAP 2012 software. Redbridge Borough Council has sustainability targets in relation to CO<sub>2</sub> emissions for all residential developments. The Local Development Framework—Core Strategy (March 2008) and the Sustainable Design and Construction SPD (adopted January 2012), state that residential developments must achieve a 35% reduction in CO<sub>2</sub> emissions against a Building Regulations Part L1a (2013) baseline.

#### BRIEF:

An energy strategy outlining how the developments would achieve a 35% reduction in CO<sub>2</sub> emissions following the London Plan 2015 energy hierarchy of 'Lean, Clean, Green'. (Energy statements were carried out on 3 of the 5 sites and SAP Calculations for all sites).

#### SERVICES PROVIDED:

Production of 3D SAP models to ascertain baseline energy demand for the sites and a percentage reduction against each stage of the energy hierarchy to achieve an overall site CO<sub>2</sub> reduction of 35% against Building Regulations Part L.

#### TESTIMONIAL:

"Even though our models had changed, all deadlines were met or delivered earlier than expected, I could not recommend Stroma enough for any future projects."

**Graham Parkinson**  
**WILLMOTT PARTNERSHIP**



**STROMA**<sup>®</sup>  
**TECH**

#### COMPANY:

Stroma Tech

#### CLIENT:

Willmott Partnership  
Homes Limited

#### ARCHITECT:

PRP Architects

#### SECTOR:

Residential

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