



Redbridge Borough Council

Energy Statements / SAP Assessments

BACKGROUND:

In accordance with Building Regulations Approved Document Part L1a (2013), predicted Carbon Dioxide (CO₂) emissions have been determined using government approved Stroma FSAP 2012 software. Redbridge Borough Council has sustainability targets in relation to CO₂ 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 CO₂ emissions against a Building Regulations Part L1a (2013) baseline.

BRIEF:

An energy strategy outlining how the developments would achieve a 35% reduction in CO₂ 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 CO₂ 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



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