

Deansgate Square, Manchester

Lead Sustainability Consultant



www.elementsustainability.co.uk



Client: Renaker Build Limited
Sector: Residential
Project completion: Autumn 2020
RIBA stages: 2-6

Project Description

- **Four sleek towers** up to 64 storeys high that will grace the Manchester skyline
- **1508 luxury apartments** and penthouses providing over 2.3 million sq. ft. of floor space
- Resident **amenity building** that includes a 25m swimming pool, tennis court and a 1,900 sq. ft. gymnasium
- Ground floor **retail units** will provide an active public realm

Our Services

- Environmental Standards Statement detailing the sustainability and energy performance of the development to support the planning application
- BREEAM 2014 New Construction assessment
- Dynamic Simulation Modelling to inform an overheating assessment
- SBEM calculations to ensure compliance with BREEAM and Building Regulations Part L2A
- SAP calculations to inform the building specification, and compliance with Building Regs Part L1A
- Energy Performance Certificates and building control submission documents

Added Value

We have been involved in this project since concept design and worked closely with the design and construction team to ensure the scheme complies with Manchester City Council's planning policy requirements. Significant input to the early design process, and extensive energy modelling, assisted in the determination of a commercially preferable and deliverable approach to building regulation compliance.