

Deansgate Square, Manchester Lead Sustainability Consultant



www.elementsustainability.co.uk

Client: Renaker Build Limited

Sector: Residential

Project completion: Autumn 2020

RIBA stages: 2-6

Development 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.

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.

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.