

FINELY BALANCED DESIGN FOR CLASSIC CITY SPACES



## EMBASSY GARDENS NINE ELMS, LONDON, UK

Standing alongside the new US Government Embassy in Battersea, Embassy Gardens is set to be a unique and prestigious residential and commercial development that draws inspiration from classic North American city architecture. Forming part of the project to regenerate the Nine Elms area, BuroHappold Engineering is working with three different architects to deliver part of this new riverside district for London.

Embassy Gardens will be the central feature of Nine Elms, creating a gateway to the rest of the development, and will incorporate apartments, shops, offices, leisure facilities and an Embassy plaza. Seeking to add value to the project from the outset, BuroHappold worked closely with the different design teams to establish site wide engineering solutions and submit a successful planning application.

With a number of different buildings housed on the new development, our team was required to consider a number of complex structural challenges. The architectural design sees blocks at different heights, with residential spaces located at the top levels, commercial

areas in the lower floors and car parking in the basement. We assessed the different layouts and guided the architects to align the building grids to achieve the best possible structural performance.

Further adding value, our building services team developed a low carbon energy strategy that aims to achieve a Code for Sustainable Homes 4\* rating and a BRE AAM Very Good. We incorporated a hierarchy approach, reducing energy demand through passive design techniques, using efficient servicing systems and ensuring energy is supplied efficiently. This way of working has saved the client money by taking away the need for expensive and often ineffective renewable energy systems, while also reducing energy costs.

Currently the largest regeneration project in Europe, the Nine Elms development will offer exceptional facilities for the people of London, transforming the face of over 3km of previously dilapidated land. Embassy Gardens will be an integral element of the scheme, and is set to provide an inspirational working and living environment.

**CLIENT**  
Ballymore Group

**ARCHITECT**  
Feilden Clegg Bradley Studios, AHMM, Flacq

**PROJECT VALUE**  
£160 million

**SERVICES PROVIDED BY  
BUROHAPPOLD**  
Structural engineering, bridges and civil structures, ground engineering, building services engineering (MEP), sustainability, acoustic design, facade engineering, fire engineering, inclusive design