



CASE STUDY

Infrastructure, Planning Design and Delivery

Project

Civil Engineer's
Consultancy Role

Client

Berkeley Homes
(North East London) Ltd

Location

Woodberry Down
Regeneration, London

Ardent Consulting Engineers was commissioned to support the client's implementation of three early phases of a regeneration scheme associated with Woodberry Down in the London Borough of Hackney.

A hybrid application was approved which comprised outline planning consent to demolish the existing properties and provide up to 3,242 residential units and a maximum of 10,921 sq. m of non-residential floorspace.

Our skilled experts carried out the Civil Engineer's consultancy role, with our services being retained across the three separate parcels which made up the regeneration scheme.

Our Role

- Led early engagement with statutory consultees and the design team to enable the delivery of a more sustainable development
- Successfully discharged the highways and drainage planning conditions
- Reviewed the highways and transportation layout advice to ensure deliverability of the proposed highway and drainage infrastructure within a heavily constrained site
- Secured early S38 and S104 agreements to ensure the delivery of the remaining phases of the buildout programme
- Worked closely with the landscape architect to incorporate more SuDS on-site within each of the development parcels to achieve the four pillars of SuDS design

Client Benefits

- Discharged highways and drainage planning conditions within demanding pulled-back delivery timescales so the remaining parcels on the development could progress
- Enabled the client to reduce their ongoing maintenance costs for the lifetime of the scheme through the responsibility for additional estate roads and supporting infrastructure being passed on to the adopting authorities
- Delivered significant cost savings by implementing additional surface SuDS to reduce the volume of surface water attenuation