

CASE STUDY

Elephant and Castle

Client: Lend Lease

When Lend Lease became the development partner in the Elephant and Castle regeneration programme, it primarily focused on the large twenty-two acre Heygate Estate which had become a stark reminder of post-war urban decay, with large overpowering concrete structures once home to over 3,000 residents.

Plowman Craven was commissioned to undertake a mixture of surveying services to assist in ensuring that MAKE Architects' ambitious master-plan for the £1.5bn, large scale mixed use urban regeneration scheme received planning permission.

A large topographical survey was undertaken of the complete estate and all the surrounding roads including: Walworth Road, Heygate Street, Rodney Road, Rodney Place and New Kent Road.

Many elevations running adjacent to these roads were also surveyed and utilised for rights of light modelling, a prerequisite for a planning submission of this size.

Multiple survey teams were deployed using traditional total station techniques for the 3D topographical survey and laser scanning for the elevations.

Plowman Craven successfully delivered the scope of works to time and on budget and subsequently the Elephant and Castle master-plan received planning permission in February 2013. The Plowman Craven topographical base plan and survey control network formed the primary base survey data for the scheme through demolition and construction.

Related Services:

Surveys for Planning, Rights of Light & Visualisation
Underground Utilities Mapping & Topographical Surveys

Related Market:

Urban Regeneration

Regeneration Area

- 10.2 hectares
- 2,800,000 sq ft residential
- 50,000 sq ft office and workspace
- 150,000 sq ft retail, community, leisure and restaurants

About Plowman Craven

Plowman Craven provides integrated measurement and consultancy services to the property and infrastructure markets, pioneering the use of technical innovation to deliver proven expertise and trusted results throughout the project lifecycle.

Head Office

Plowman Craven House
2 Lea Business Park, Lower Luton Road
Harpenden, Herts. AL5 5EQ
Tel: +44 (0)1582 765566

London Office

115 Southwark Bridge Road
London
SE1 0AX
Tel: +44 (0)20 7490 7700

Email: post@plowmancraven.co.uk