

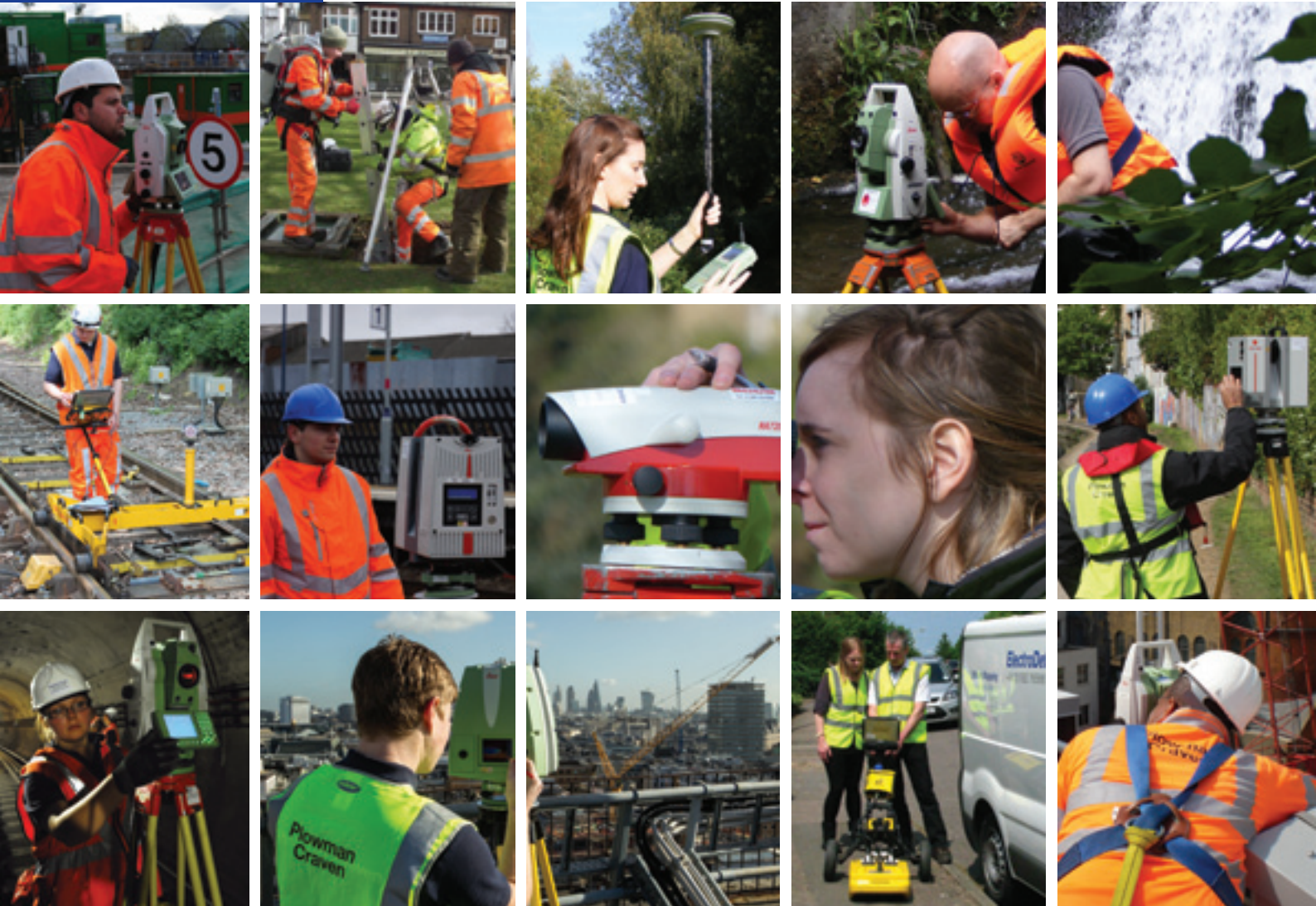
URBAN REGENERATION

MEASUREMENT AND SURVEY SOLUTIONS



www.plowmancraven.co.uk/urban-regen

Consult. Trust. Innovate.



Welcome to **Plowman Craven**

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As a **LEADING SUPPLIER OF MEASUREMENT SURVEY SERVICES**, Plowman Craven has extensive experience in the Urban Regeneration market working closely with public sector, public-private partnerships and the multi-national arena.

Having been involved in some of the largest **URBAN REGENERATION SCHEMES IN THE UK**, we have the knowledge and experience to deliver a wide range of measurement survey requirements across all phases of a development project.

As **EXPERTS IN OUR FIELD**, we quickly become a valued member of your team, working alongside relevant stakeholders throughout the duration of your regeneration project - from initial survey scope consultation to the hosting of all essential data files and relevant survey information to assist with ongoing development requirements.

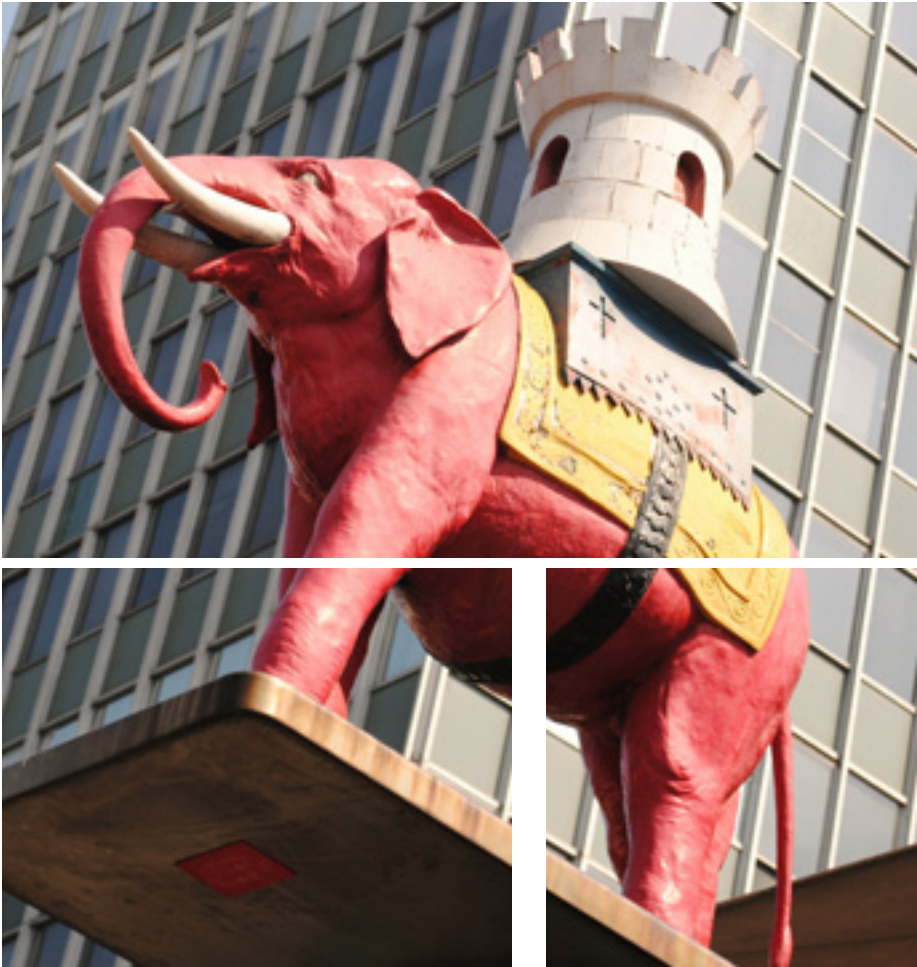




Preparation	Design	Pre-Construction	Construction	End-Use
Survey Scope	Consultation			
	Rights of Light Surveys Surveys for Planning			
	Topographical Surveys Underground Utilities Mapping			
	Condition Surveys Heritage Surveys Infrastructure Surveys Laser Scanning & TruView Rail & Correlation Surveys Measured Building Surveys			Measured Building Surveys
		Deformation Monitoring Environmental Monitoring		
		3D Modelling & BIM Client Access Portal		
Area Referencing			Area Referencing	

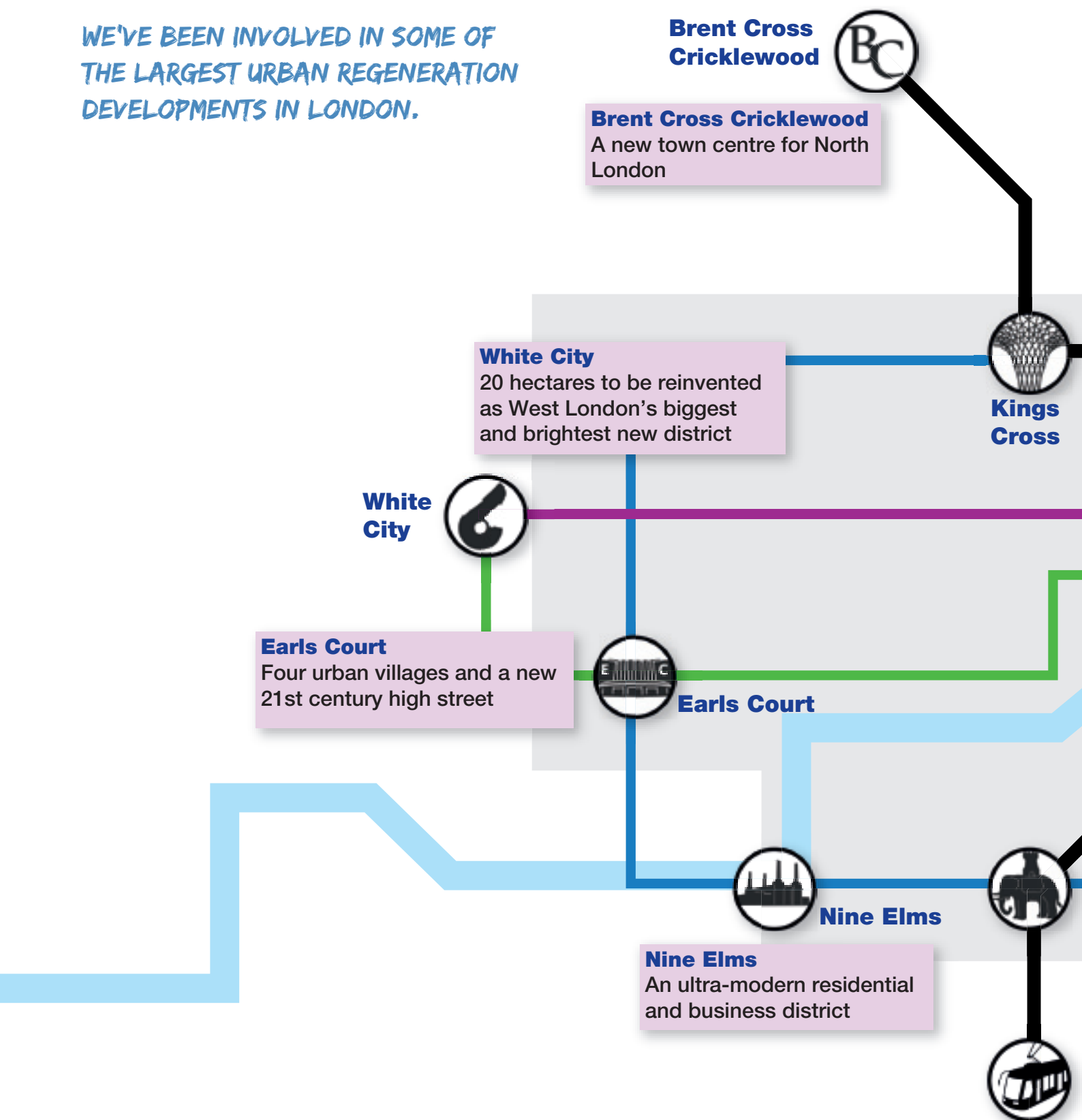
From **"PREPARATION AND BRIEF"** right through to **"IN-USE"** stages of your scheme, we offer a range of essential measurement solutions for your Urban Regeneration scheme.

- We work closely alongside all key stakeholders to gain a complete understanding of the overall objectives and targets for your Urban Regeneration project.
- As a key consultative partner, we provide comprehensive Survey Consultation advice and recommendation throughout the entire scheme to ensure that every consideration is taken into account.



Projects Map

WE'VE BEEN INVOLVED IN SOME OF THE LARGEST URBAN REGENERATION DEVELOPMENTS IN LONDON.



- From assisting with the composition of the overall **SURVEY SCOPE** to delivering “best fit” solutions, our involvement and **CONSULTATIVE APPROACH** from the onset means a “right first time” **METHODOLOGY** to minimise risk of repetition, returns to site and subsequent down time.

Kings Cross

67 acres of wholesale vibrant regeneration

Shoreditch/Bishopsgate Goods Yard

Transformation of the old rail depot will include London’s first fully elevated park

Shoreditch/Bishopsgate Goods Yard

Royal Docks

Transformation into a world class business centre

London Bridge

London Bridge

Transformation of the station plus Western Europe’s tallest building

Greenwich Peninsula

Greenwich Peninsula

A new district for London including thousands of houses, offices, school, shop and community facilities

Royal Docks

Elephant and Castle

Elephant and Castle

£3 billion pound 55 acre programme to dramatically improve the physical environment

Croydon

Croydon

Multi-billion pound investment is set to make Croydon London’s biggest growth centre

- A majority of **URBAN REGENERATION** projects are located close to or adjacent to national rail or an underground hub. Having already undertaken Rail Surveys on large areas of the over-ground and approximately 60% of the London Underground network, we instantly bring a **WEALTH OF EFFICIENCIES**.

Case studies

- Our **FLEXIBILITY** and **DIVERSITY** means we offer expertise across mixed-use development projects as well as supplying specialist survey solutions when it comes to road, highway, waterway and bridge surveys.
- Our access to **SKILLED** and **SPECIALIST** resource allows us to respond effectively and to provide **ACCURATE** and timely data on which to build plans.

KINGS CROSS, LONDON ►

We've surveyed, measured and collated accurate survey information across the whole 67 acre site, covering buildings, railway lines, tunnels and utilities. Our knowledge and expertise combined with our close working relationship with all project stakeholders has ensured the absolute suitability of the data alongside efficiencies in time and cost.



© John Sturrock



◀ BRENT CROSS CRICKLEWOOD, LONDON

Delivery of 3D topographic surveys, underground utility mapping survey, measured building surveys, terrain models and river profiles. The size of the project, in conjunction with its nature and short timescales required innovative use of technology. A client access portal ensures that all stakeholders have continued access to all survey data.

ELEPHANT & CASTLE, LONDON ►

We undertook a variety of surveys to assist developers in securing the £1.5bn masterplan for the large scale mixed-use scheme. Services included 3D topographical surveys and rights of light modelling. Our topographical base plan and survey control network formed the primary base survey data for the scheme throughout demolition and construction.



WE'VE ALSO BEEN INVOLVED IN SOME KEY REGENERATION SCHEMES IN THE REST OF THE UK.



▲ NORTHERN RETAIL QUARTER, BRACKNELL

Utilising traditional 2D survey methodology and 3D Laser Scanning techniques we delivered a variety of surveys including a nine hectare 3D topographical survey, internal floor plans of the shopping centre, external elevations of relevant buildings for architectural and rights of light purposes and a TruView of the complex roof structure inside the mall.



▲ NOMA MANCHESTER

Delivery of floor plans, elevations and sections for a number of key buildings in this £800m, 20 acre mixed-use development scheme.

BRISTOL TEMPLE MEADS ►

Provision of measurement survey data to accurately reflect the station layout and existing built environment. The delivery of our BIM-ready survey model proved essential for redevelopment and design purposes, and to assist with long term asset maintenance.



◀ RING ROAD, DERBY

Plowman Craven provided the required laser scanning, CAD and modelling skills necessary to save a potential cost of £750,000 in an expensive road closure scheme. The Council specified remote survey technology to record 1.5km of its Inner Ring Road and, since the site was heavily urbanised, road safety was a mandatory issue.



For more case studies and for more information on those shown, please visit www.plowmancraven.co.uk/urban-regen

Why choose **Plowman Craven** for your Urban Regeneration project?

- **COMPLETE MEASUREMENT SOLUTION** – We deliver a complete range of measurement and survey solutions – all managed from one central management team.
- **EXPERTISE** – We can mobilise within days of instruction and, as a consultative partner, our involvement from the onset means expert advice throughout, ensuring fit for purpose designs and elimination of risk.
- **COMPETITIVE FEES** – Our use of the latest technology combined with our experience of creating effective workflows offers value and efficiencies in both time and cost.
- **CONTINUITY** – We provide consistency throughout your project lifecycle. A single control network, grid and datum being a key element.
- **KNOWLEDGE** – We ensure, as far as possible, that the same Lead Surveyors and Teams are assigned to your development. This way their knowledge of the site quickly grows and they become key players in survey consulting and advice to the decision making team.
- **REDUCED TIMESCALES** – As the largest geomatics company in the UK, our access to skilled and specialist resource allows us to respond effectively and to provide accurate and timely data on which to build plans.
- **A CONSISTENT POINT OF CONTACT** – A dedicated Account Manager and Project Manager is assigned to the client, and to the project.

For more information contact:

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