

SURVEYS FOR SMALL SITES



Providing accurate survey data to support the design and build process
for small site residential developments across London

www.plowmancraven.co.uk

An aerial photograph of a residential complex. A large, long building with a grey roof dominates the lower half of the frame. To its right is a parking lot with several cars parked. The area is surrounded by green lawns, trees, and other smaller buildings. The image is oriented vertically on the page.

Working on a number of smaller, infill sites in places like Croydon, Wandsworth and Lambeth has enabled us to develop a strong understanding of the needs of councils and all related stakeholders.

“ Our land portfolio on this part of the programme predominantly consists of infill sites in the district centres of **Croydon**. Many are not the type of site that attracts much attention from traditional developers. They are too small, too low value, too difficult. This presents a challenge often seen in outer London: how do you, responsibly, respectfully, densify the suburbs? Arguably, this is the single most important question this city needs to answer if people are to be housed at scale. ”

**Colm Lacey, Managing Director,
Brick by Brick**



Why do clients choose Plowman Craven?

- Our in-house teams, along with a pool of approved subcontractors, are highly skilled and employ the latest technologies & techniques
- We are able to deploy multiple teams to work in parallel providing a range of services
- We are used to working to tight timescales in order to deliver comprehensive data sets
- Our dedicated management structure ensures a single point of contact for the client

Range of services offered

- Measured Building Surveys
- Rights of Light
- Underground Services (UGS)
- Topographical Surveys
- UAV Aerial Surveys
- Environmental Monitoring (incl Flood Risk and Arboricultural)

Residential property schemes

BRICK X BRICK

CampbellReith
consulting engineers

Lambeth

LOVELL
HOMES

PRP

THE BRIGHTER BOROUGH
Wandsworth

Croydon Case Study: Brick by Brick Development

What's the story?

Brick by Brick Development has delivered high-quality, residential-led developments on a range of small sites across the Borough, with significant input from Plowman Craven. We provided a range of topographical and utilities surveys for more than 70 small sites to help facilitate the largest house building programme the Borough has undertaken in decades.

Plowman Craven was tasked with providing vital data to support the design and build process. As well as providing accurate and reliable information, our involvement early in the wider project programme meant we played a key role in the timely delivery of the overall project. Our ability to deploy multiple resources and control tight programmes ensured the ongoing success of the project.

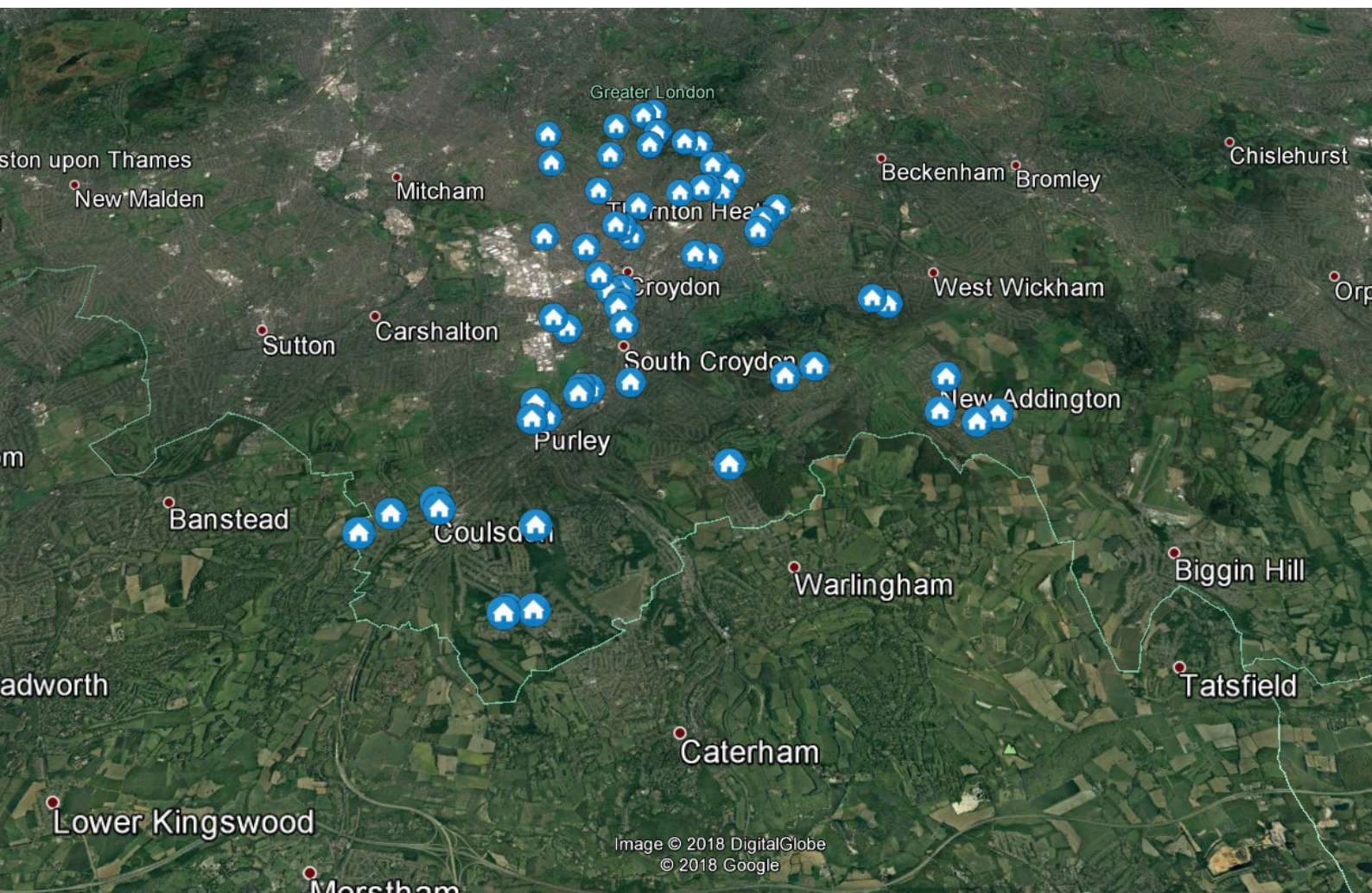
What did we do?

Combining our in-house teams and approved subcontractors, Plowman Craven was able to deploy up to 10 teams a time on what was an enormous project. These expert survey teams employed a range of techniques, including traditional measured survey, GPR and laser scanning, typically in close proximity to sensitive residential sites.

Our project managers ensured that the demanding programme timescales and security of teams and equipment remained a key focus on this project, while the dedicated management team delivered clear and regular communication so that output was in line with client needs.

Services Delivered

- **Measured Building Surveys:**
Providing a complete solution with floor plans, elevations and sections
- **Topographical Surveys:**
Data captured in 2D or 3D using the latest laser scanners and drones
- **Rights of Light Elevations:**
Accurate base data to illustrate visual impact of development proposal
- **Underground Services (UGS)**
Tracing, identifying and mapping of underground utilities and services





Environmental Awareness

Through our specialist **PC Enviro** division, we are able to provide a range of environmental planning, monitoring and consultancy services at every stage of a project lifecycle, helping to identify and mitigate risks. On residential developments our Environmental Impact Assessments (EIA) could include anything from flood risk and ground contamination to noise pollution and arboricultural assessments.



Taking to the Skies

Able to rapidly cover large areas and access hard-to-reach locations, we regularly use advanced UAV or drone technology to capture highly-accurate survey data and high-resolution imagery. We are fully licensed by the Civil Aviation Authority and our UAV services are seamlessly integrated into workflows throughout a project lifecycle.



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.

With more than 50 years' industry experience, Plowman Craven has contributed to many of the UK's high-profile redevelopment, infrastructure, heritage and estates projects. The company is built on honesty, integrity and a reputation for consistent delivery of quality service to customers who trust our expertise and professionalism.



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