SCAN TO VIEW SUPPORTING MATERIALS

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DRONE SURVEYING

Helping Housebuilders Make Better Decisions

Based on Reality, Not Assumption

DIGITAL CONSTRUCTION AWARDS

DIGITAL CONSULTANCY OF THE YEAR

Smas WORKSAFE

UK Civil Aviation Authority PDRA01-22528

PROVIDER OF CHOICE FOR THE HOUSEBUILD SECTOR

QUALITY MANAGEMENT ISO 9001 :2015 REGISTERED Citation ISO Certification : 50181 2026

housebuilder AWARDS HIGHLY COMMENDED 2025

Helping Housebuilders Replace Assumption with Evidence

For housebuilders, uncertainty on site quickly becomes expensive. Decisions involving tens of thousands of pounds are often based on incomplete information, infrequent surveys, or assumptions.

Working with developers including Taylor Wimpey, Barratt Redrow, Bellway, Miller Homes and Vistry Group, Drone Surveying combines accurate drone surveys with practical Digital Value Engineering, helping technical, engineering and commercial teams work from the same trusted information.

Digital Value Engineering, Not Just Drone Surveys

Our role as a Digital Value Engineering partner increasingly sets Drone Surveying apart. Rather than simply supplying survey outputs, we help teams interpret changing site conditions and make faster, evidence-based decisions on earthworks, programme risk and valuation.

Through repeatable surveys, clients receive cut and fill analysis, stockpile volumetrics, progress tracking, CAD-ready terrain data, and historical comparisons. This gives teams clearer visibility of site conditions and greater confidence in planning, materials management, and programme delivery.

Delivering Measurable Commercial Value

Clients have reported up to 20% reductions in aggregate and haulage costs, while larger earthworks projects have delivered savings worth tens of thousands of pounds through reduced rework, improved cut and fill balancing.

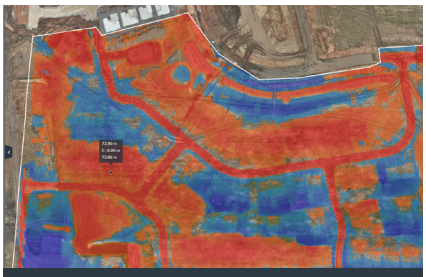
Historical survey records minimise unnecessary repeat surveys while supporting planning requirements, change management, and commercial accountability.

Fast, Accurate and Trusted at Scale

Quality, speed, and reliability sit at the heart of our service. Survey data is typically available within 24 hours through a secure online platform, giving teams fast access to accurate information.

In 2025 alone, Drone Surveying completed more than 1,265 surveys across UK developments. Volumetric reporting is typically delivered to within ±2% accuracy, improving confidence in planning, valuations, and material management.

CAD Files overlayed on survey orthomosaic



Cut and fill analysis

Safer, Smarter Site Operations

Drone surveying significantly reduces the need for surveyors and site teams to access hazardous live-site environments, including unstable stockpiles, difficult terrain and areas around moving plant. Operating under CAA PDRA01 permissions with robust planning and risk assessment processes, Drone Surveying supports safer decision-making while helping clients meet CDM responsibilities.

Clearer visibility of cut and fill requirements reduces unnecessary material movement, avoidable haulage and waste, helping lower both project cost and environmental impact through better earthworks planning.

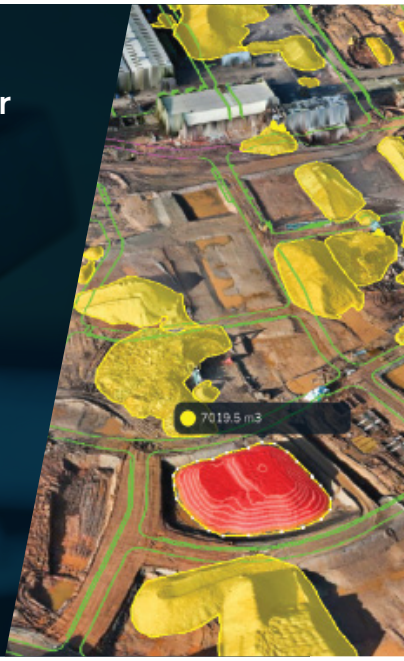
Highlight problem areas

Embedded in Housebuilder Workflows

Strong communication and dependable delivery have enabled Drone Surveying to become embedded within client workflows. Since January 2025, our partnership with Barratt Redrow has expanded from three regions to fourteen, reflecting growing confidence in both service quality and decision-making value.

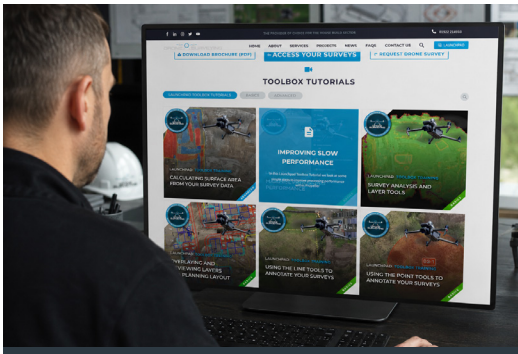
Accurate stockpile volumes

> **"Having worked with Drone Surveying for a number of years on multiple sites, their services now form an integral part of our engineering team's decision-making process on a daily basis. Team collaboration is imperative and having access to the online portal and mobile data enables our teams to make data-driven, smarter decisions, saving us time and money."**
>
> ***Luke Hopkins | Engineering Manager | Barratt Redrow***



Skills Development

Investment in capability sits at the centre of our service. Alongside pilot competency and operational training, Drone Surveying supports client teams through onboarding, technical support and our Launchpad training portal. This helps engineers, technical teams and commercial staff build confidence using survey intelligence, improving adoption and helping clients gain greater value from site data.



Our Launchpad Training Portal

> **"Drone Surveying's technology provides us with instant, verifiable data that not only helps us track progress but also ensures compliance with planning regulations. The time and cost savings have been substantial, and we now consider Drone Surveying an essential part of our workflow."**
>
> ***Adam Bills | Development Director | Vistry Group***

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Industry Recognition

After being Highly Commended in this category in 2025, and recognised as Digital Consultancy of the Year at the Digital Construction Awards 2026, Drone Surveying continues to demonstrate measurable commercial and operational value to housebuilders.

Digital Consultancy of the Year 2026

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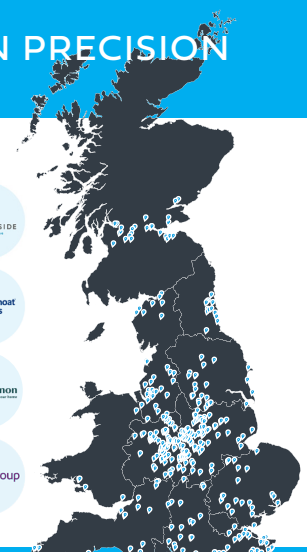
housebuilder AWARDS HIGHLY COMMENDED 2025

YOUR PARTNER **IN PRECISION**

The provider of choice for the housebuild sector

AVANT homes · Barratt Redrow · Bellway · BLOOR HOMES · COUNTRYSIDE · CREST NICHOLSON · dandara · DAVID WILSON HOMES · gleeson · Keepmoat Homes · KENDRICK HOMES · miller homes · MORRISH HOMES · Pentland Homes · Persimmon · SPITFIRE HOMES · ST.MODWEN · Taylor Wimpey · TILIA HOMES · Vistry Group



STOCKPILE SURVEYS • 3D MODELLING INSPECTION • CAD OVERLAYS • CUT & FILL ANALYSIS • LIDAR INSPECTION • PHOTOGRAMMETRY • POINT CLOUD SURVEY RTK DATA • TOPOGRAPHICAL SURVEYS • FLOOD ANALYSIS