



Meaningful, Relevant, and Useful Georeferenced Data for Everyone

WHO WE ARE

Land
Feasibility Consultants:
Turning pretty pictures into
**meaningful
data.**

CAA approved UAV
pilots &
Photogrammetry
experts.

Skilled and
experienced geotechnical
and environmental
engineers, with the know-
how in **industry
leading Geomatics
applications.**

Engaged
individuals **passionate**
about **innovation** and
Geomatics applications
in the real world.

People who
collaborate and **go**
that extra mile to
drive new solutions and
cost saving work flows.

**3D Modelling
Engineers** -
Working with
Designers.

WHAT WE DO

Geotechnical & Environmental Ground Investigations

Aerial Topo Surveys & CAD Plans

Due Diligence & Masterplan Feasibility

Geomatics is an **Innovation and R&D Hub** supporting longstanding geotechnical and environmental expertise within EPS.

Earthworks Mass Balance Solution Modelling

Driving new technologies in surveying and asset inspection applications, we are delivering on **game changing ways of assessing and presenting** land reviews and sustainable in-ground development solutions.

Flood Risk & 3D Visualisation of New Proposals

With fast emerging hardware and software and a **whole new world of 3D digital modelling** - the future for construction teams is exciting.

Videography & Asset Inspection

Materials Management & Waste Soils Reuse

Ahead of the digital revolution curve is where we intend to stay.

Development Design 3D Modelling



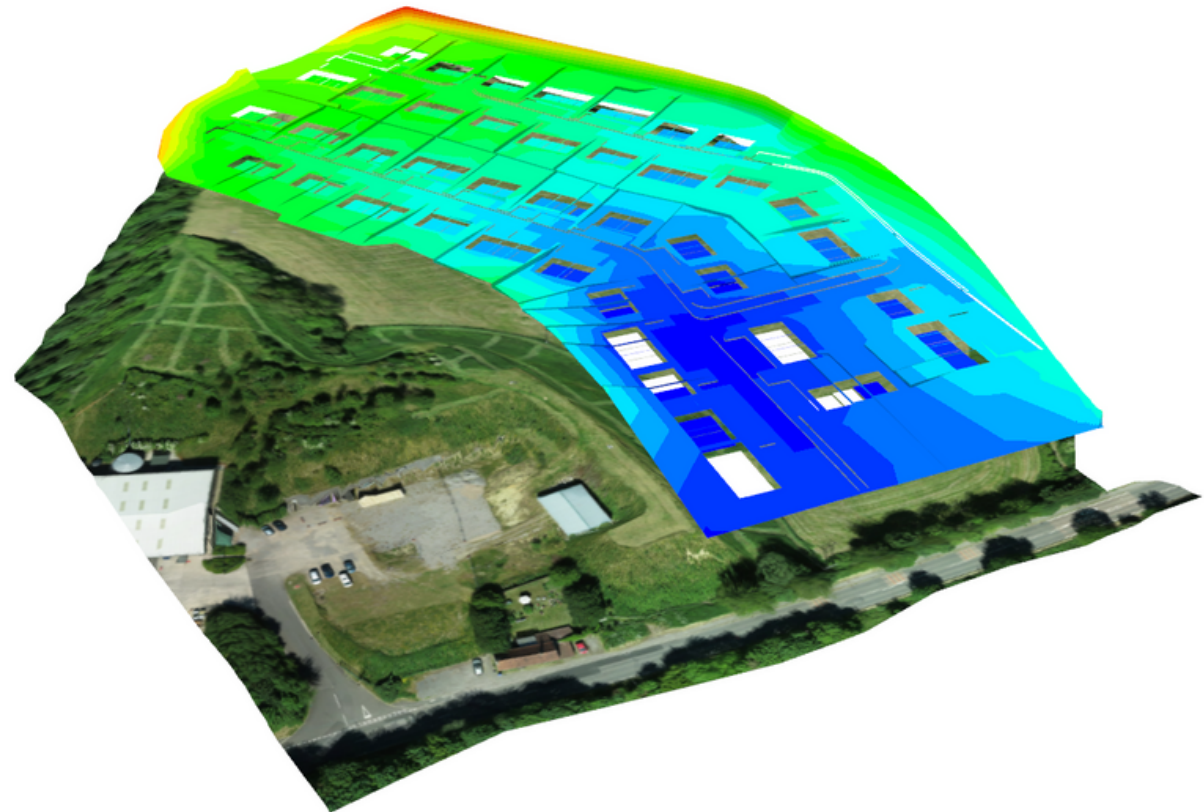
Aerial Topo Survey for Earthworks Mass Balance at MasterPlanning Stage

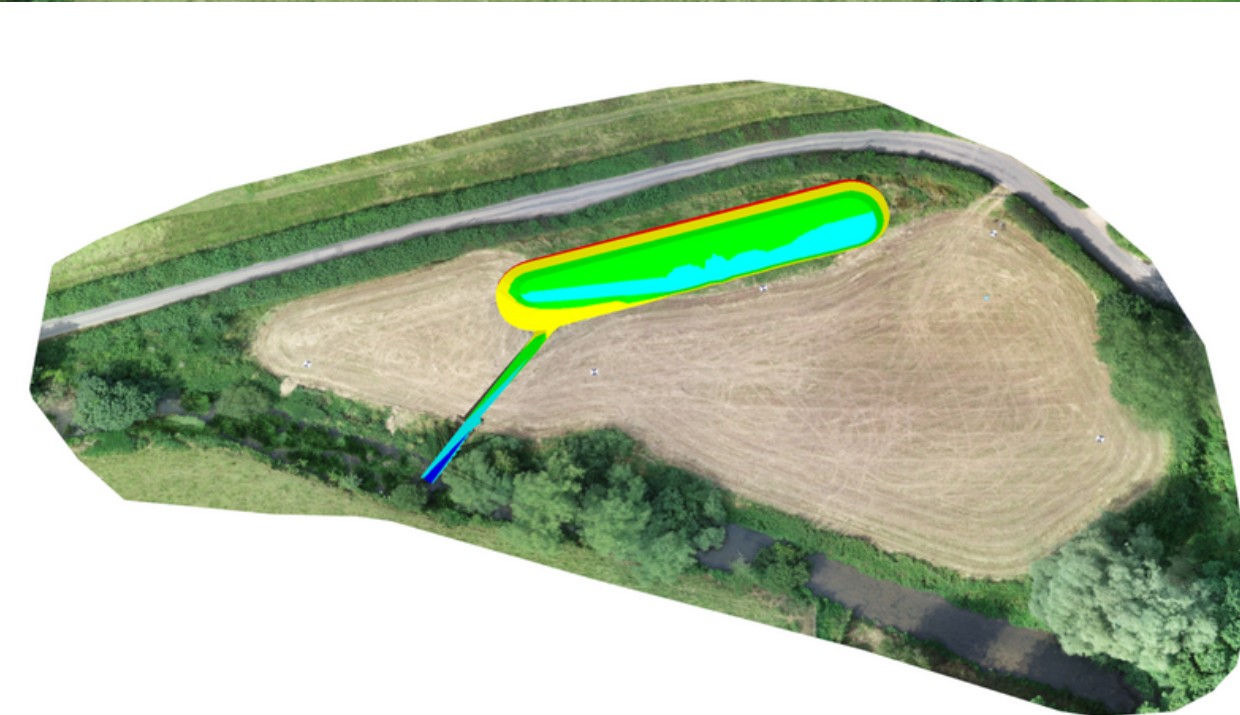
High resolution Aerial Survey data geo-referenced to OSGB36+ODN via ground control provided an ideal base for design assessment at Masterplan stage.

The density of the pointcloud (c.900 points/sq'm) allowed subsequent cut/fill modelling with the 3D development design to be highly accurate, providing confidence in the cost plan at an early stage of the project.

All surveys and 3D modelling conducted by EPS. £5.5K budget - 5Ha site.

3D-CAD plans and web-hosted 3D interrogatable digital site model, all part of the service.





3D Modelling of Proposed Lake Design - Informed by Aerial Survey to Support a Flood Risk Assessment

Environment Agency flood level comparison with geo-located Aerial Survey data was the starting point for this assessment.

3D modelling of the lake design came alive with the digital site twin imagery, and precision cut/fill analysis was achievable via the aerial point cloud density.

Project outputs provided clarity in the proposals for regulators, whilst the 3D design accuracy also informed the cost plan.

All surveys and 3D modelling conducted by EPS. £3K budget - 1Ha site.

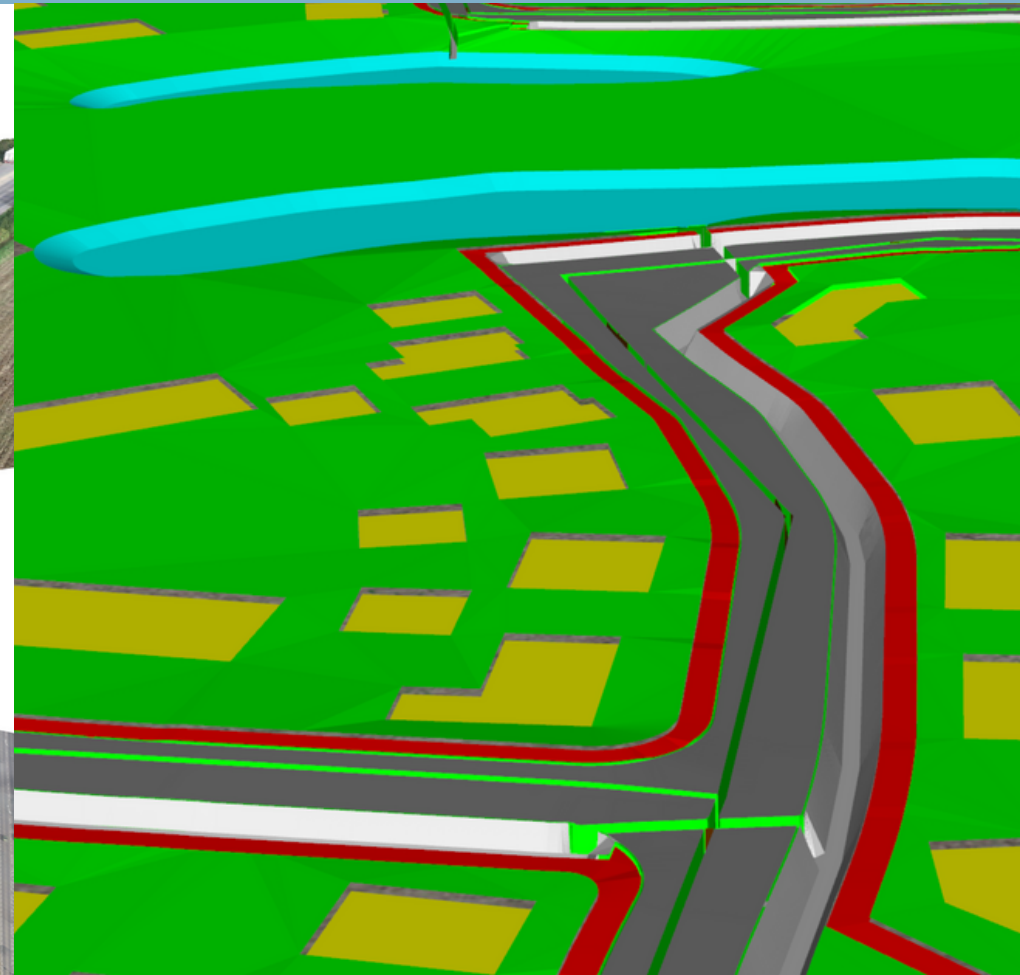
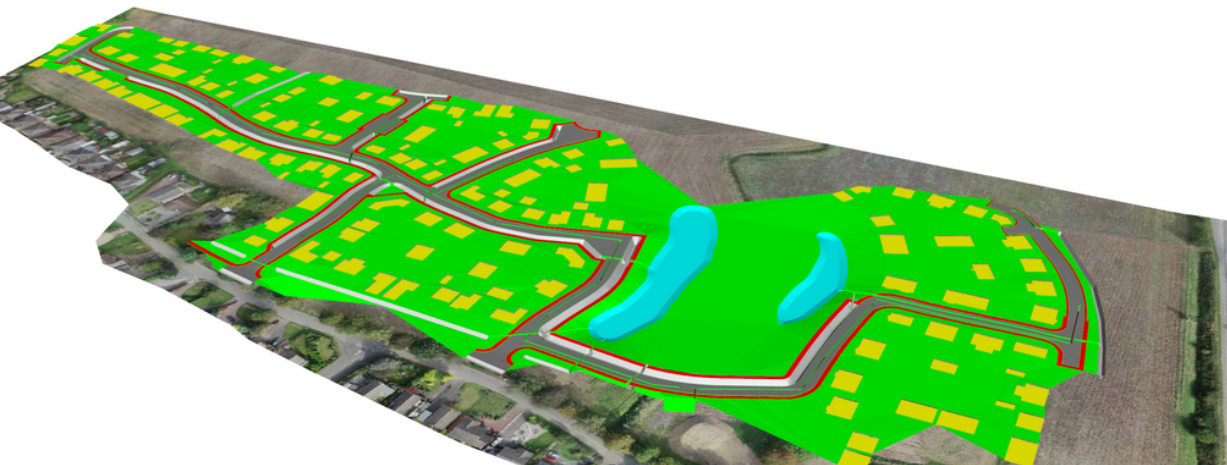
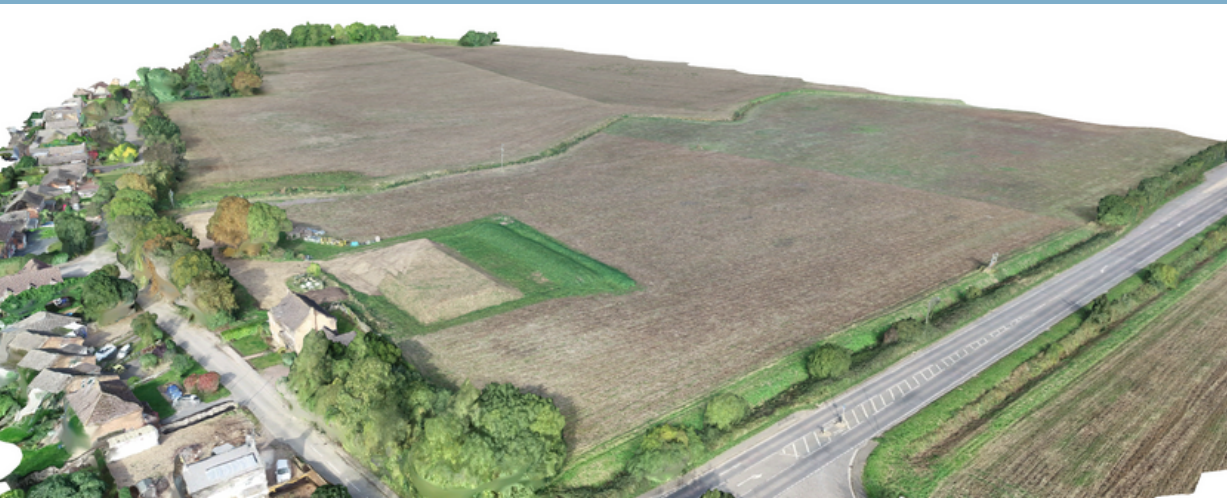
3D-CAD plans and web-hosted 3D interrogatable digital site model, all part of the service.

Detailed 3D Modelling of Development Design for Earthworks Feasibility

3D modelling of a proposed residential development involving transposition of 2D information to 3D. Drainage runs, attenuation and swale features all made coherent in the initial stage cut/fill earthworks assessment. Videos of 3D model completion were made to tie in with the aerial data, and the full project team were able to view and have confidence in early stage earthworks cost.

All surveys and 3D modelling conducted by EPS. £7K budget - 10Ha site.

3D-CAD plans and web-hosted 3D interrogatable digital site model, all part of the service.



WHY PEOPLE USE US

The clients we work with and the projects we are part of are many and varied but wherever we work, we bring the same down to earth approach with clear, concise recommendations.

Over **90% of our work is repeat business or referrals**. That kind of statistic is borne out of a sound commercial understanding of client's needs and above all, excellent communication, which is why all our reports come with a non-technical summary of 5-bullet points or less with an aim of using the same, clear language we would use over the phone.



"Couldn't be more satisfied with the service or more confident in the results of the survey!"

LAND MANAGER,
NATIONAL DEVELOPER

"FAST RESPONSES,
DELIVERED WORK WITHIN
TIMESCALE AND QUALITY
OF REPORTS WAS
EXCELLENT."

Project Manager



"VERY HAPPY WITH WORK
PRODUCED AND [EPS']
ATTENDANCE AT MEETING TO
INFORM THE DESIGN TEAM
WAS **EXTREMELY
BENEFICIAL.**"

DEVELOPMENT MANAGER -
REGIONAL CONSTRUCTION COMPANY



"Found EPS to be professional, responsive and able to provide updates across the team members. Staff helpful and a very pleasant experience."

PROPERTY CONSULTANT

FIND OUT MORE

T 0117 251 0401

E kwooldridge@epstrategies.co.uk

W epstrategies.co.uk

In www.linkedin.com/in/kate-wooldridge-mrics

