

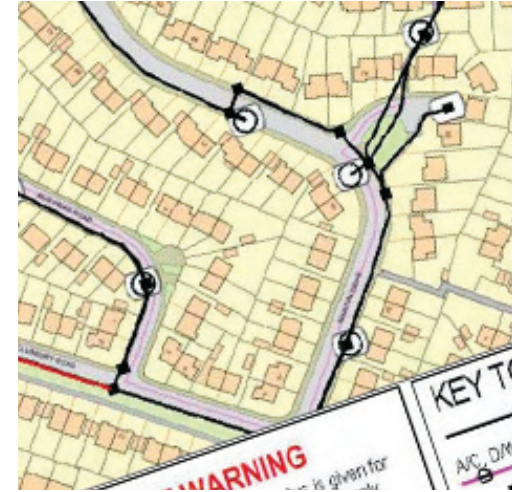


DIGITAL 2D & 3D
BUILT ENVIRONMENT
SPECIALISTS





**JOANNA
JAMES**



**WE ARE 2D & 3D SPECILISTS. SUPPLYING
DIGITAL CONTRUCTION DATA TO ARCHITECTS,
PLANNERS, DEVELOPERS & CIVIL ENGINEERS
INVOLVED IN THE BUILT ENVIRONMENT.**

Specifically we supply highly cost effective CGI Visuals, 3D Models, Ordnance Survey Mapping, Physical Models, Utility Reports, CAD Services, Height & LiDAR Data, Historical Mapping, Aerial Photos, Land & Building Surveys.





CGI VISUALISATIONS

Working with developers, architects, construction firms and designers we've created an impressive portfolio of CGI Visualisations.

We try to keep it simple; Joanna James are CGI specialists & provide high quality realistic CGIs at really good value prices & delivered on time.

Architectural CGIs transform 2D plans into a realistic 3D snapshot of the future.

Show all design options — with finishes, materials, doors, windows, etc. With 3D exterior rendering, it's a piece of cake.

Impress clients with CGI artwork showing your exterior design in detail — in a photoreal environment, with beautiful lighting.

Pre-sell real estate faster than ever before — with showstopping 3D masterpieces that will help your listings stand out.

joanna-james.com
info@joanna-james.com
01242 3001108

CGI SERVICES



**BRING PROPOSALS TO LIFE.
WE PRIDE OURSELVES ON DELIVERING HIGH
QUALITY & REALISTIC RENDERS, DELIVERED
ON TIME AT AFFORDABLE PRICES.**

By way of example a typical New build 3 Bed detached property CGI requiring 1x front exterior CGI only will cost approx £450+vat. Turnaround times are dependant upon workload at time of commissioning, however we tend to be able to output 1st drafts within 1-2 weeks. There are no limits to the number of iterations allowed within the pricing for general material & minor structural changes, but obviously should the project change considerably (ie a new floor/room) there may be additional costs.







CGI NEW BUILDS

New Build developments often have requirements for CGIs, specifically for marketing material for Estate Agent's sales particulars & Rightmove advertisements.

Clear and high quality CGI renders from Joanna James help sell properties off-plan.

Such projects often need multiple CGIs. The site may have a number of different styles, interesting rear garden, interior views, 360s and site overviews.

Often we are commissioned to undertake 10+ CGIs per site.

We will always look to significantly discount these multiple view projects.

Clients provided site plans, elevations & property drawings as well as a comprehensive material schedule of normal expected items such as brick types & colours etc.







CGI EXTERIORS

STUNNING CGI VISUALS

Make future exteriors a visual reality today. Our exterior CGI service is the perfect solution whether producing imagery to help sell new developments or aid the design process.

From contemporary California style & Passive Haus designs to Oak built forever homes & even Paragraph 80 & environmentally sustainable homes; Joanna James can provide an Exterior CGI that is highly realistic and befitting of the Architectural Studio that designed it.

Whether you need photo-quality images of an individual house, a street scene or a block of apartments we understand that keeping to your time constraints and budget are the two fundamental factors in ensuring a successful project.



CGI INTERIORS

Stunningly beautiful & incredibly realistic.

Working from drawings, floor plans, furniture specs and mood boards, we provide stunning 3D content that encapsulates the detail, nuances and subtleties of interior design.

Internal CGIs are dimensionally accurate, combining advanced lighting techniques and detailed textures to give you & your clients a photo realistic insight into the project long before it's completed.



CGI PHOTOMONTAGE

The classic “Before & After”.

See the future set against the existing backdrop.

2D architectural proposal drawings transformed into a 3D render & seamlessly superimposed onto a photograph of the current environment.

Simply provide us with 2D design ideas be it in PDF or CAD form (DWGs), a material schedule and the photography of the views you require.





VR 360s - Enhance static CGI Visualisation Render to the next level.

Panoramic VR360s take you beyond traditional 2D images let you step into the space, experiencing a real time view from any direction you wish.

Specialist VR headsets NOT required. Our 360s can be uploaded to a website with ease and used simply by moving a mouse cursor.

Floorplans - A top-down look at internal space to express relationships between rooms and understand dimensions & flow.

Animations - Architectural animations / walk-throughs / fly-throughs bring plans and proposals to life. Set a path to follow to take the viewer on a journey through the vision.



OVERVIEW

× **CONTEXT
MODELLING** ×

**THE EXISTING
BUILT
ENVIRONMENT**

.JJ





3D MODELS

ARCHITECTURAL 3D MODELS ANYWHERE UK

Digital 3D Models for architects & planners of the built environment. For the entire United Kingdom. Choose from 3 levels of detail.

We are the specialist supplier of 3D models for planning to the industry. Using aerial imagery to manually capture 3D models of cities and as-built environments anywhere in the United Kingdom.

Mark up your chosen location of the site you require and send over to us for a quote.

LEVEL 1 - LOW DETAIL

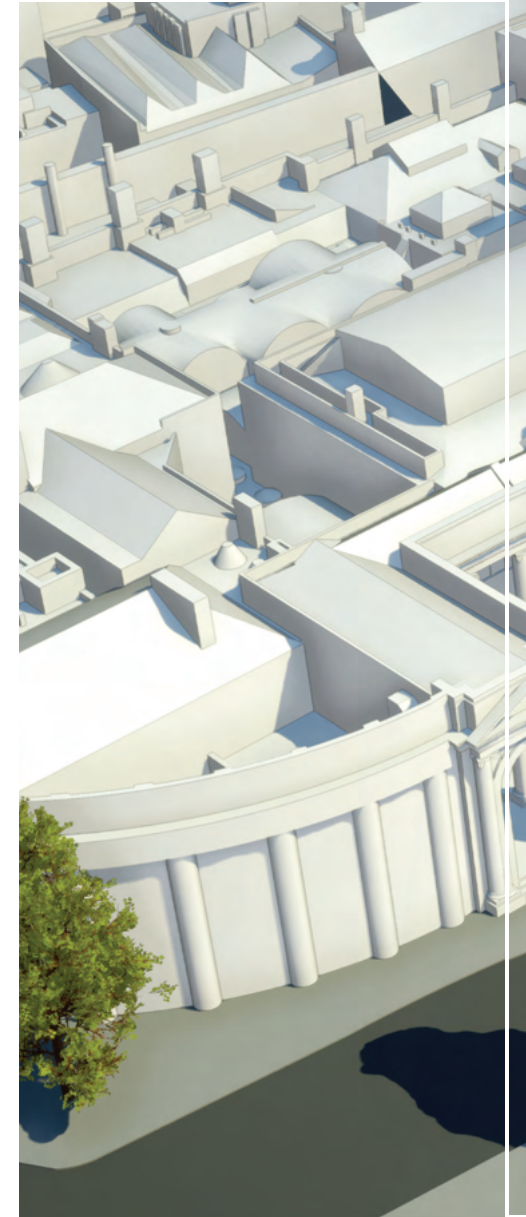
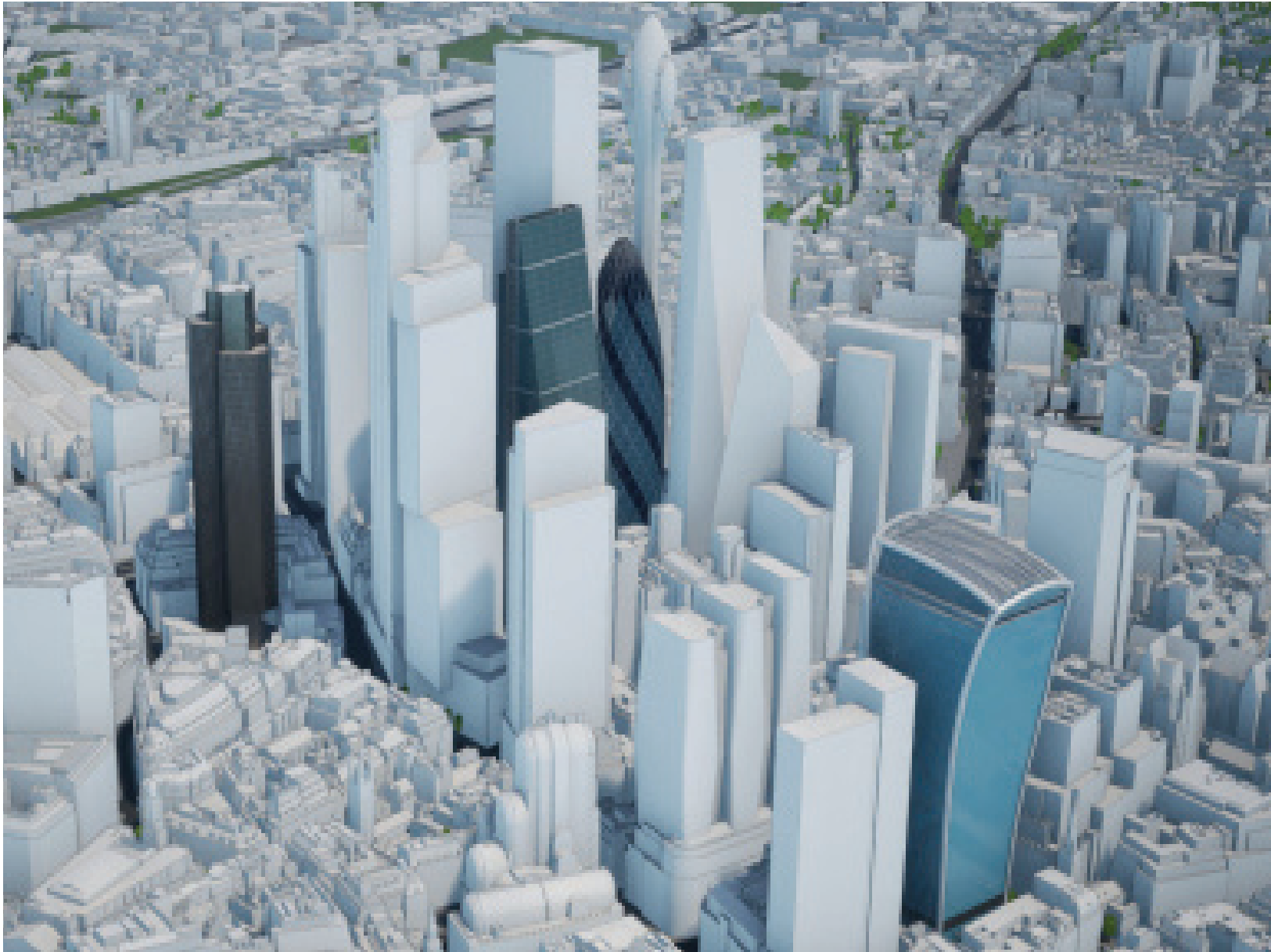
OS Massing Model. Simple, basic & therefore inexpensive 3D model made from Ordnance Survey Mastermap. Building footprint polygons are extruded to average building height creating a cubed mass. OS MasterMap included with every purchase.

LEVEL 2 - MEDIUM DETAIL

Budget friendly & perfect for medium to large sites. Captured from the latest High-Res imagery. Level 2 3D Models are accurate to 50 cm. Consequently the 3D Model is very light and low poly. Buildings are captured with correct roof shapes of main structures.

LEVEL 3 - HIGH DETAIL

Our most popular model. Level 3 -High Detail 3D Models are accurate to 15 cm. Buildings are captured with correct roof shapes and all features such as chimneys, parapet walls or dormer windows.





3D Models from Joanna James provide low to high level of detail.

Development proposals as 3D models can be easily imported into these “context models” from the earliest stages of the planning process.

The models are created using stereo photogrammetry outputting at an accuracy of up to 15cm. Level 3 is our best selling 3D model and offers an incredible 15cm accuracy xyz.

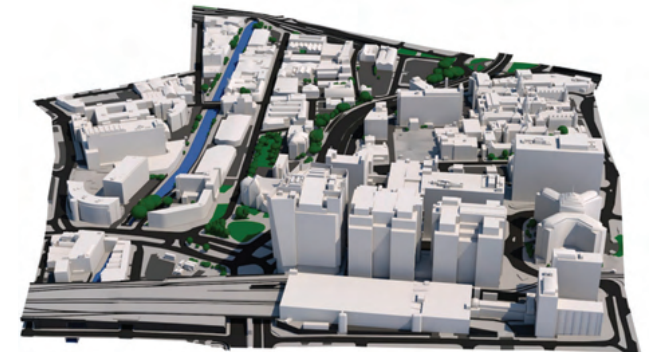
This is available for a minimum sized site of 0.1km² (315x315m) for a price of £500+vat.

This equates to £5,000+vat for multiples of 1km².

Custom 3D models of cities and as-built environments can be commissioned anywhere in the United Kingdom.

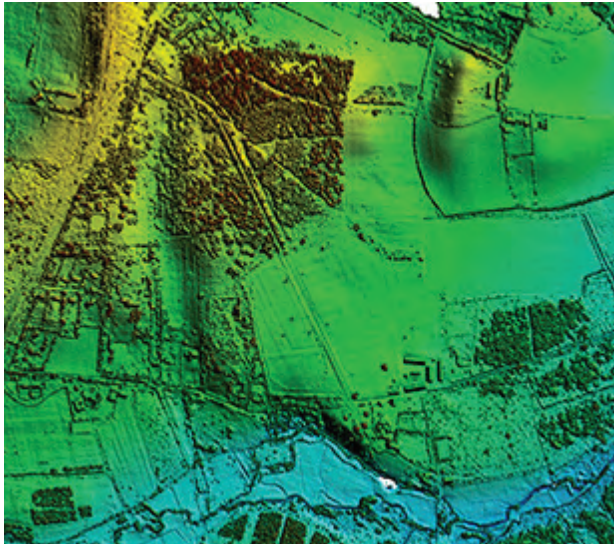
Additionally Joanna James has a number of City models pre-built and are able to offer these at highly competitive prices.

Customers can “cookie-cut” sites of interest to meet the demands of the project and get best value for money.



3D MODELS × JOANNA JAMES: ‘DEMONSTRATE THE RELATIONSHIP BETWEEN CONTEXT & PROPOSAL’





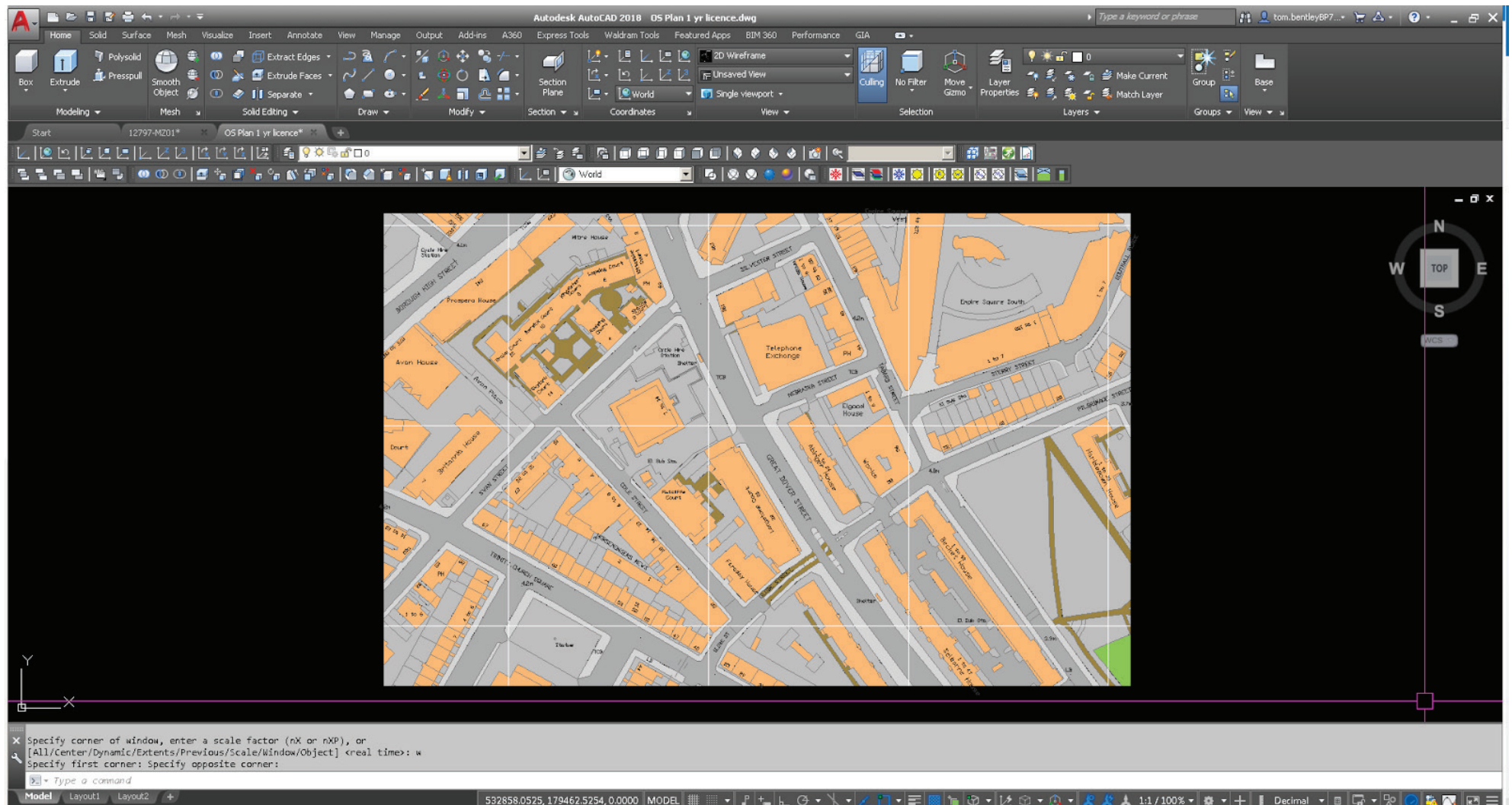
MAP PORTAL

Joanna James are proud partners with Ordnance Survey.

Our Map Portal enables users to search, locate, mark out sites, order & download a wide range of maps & data.

This includes: Ordnance Survey MasterMap, Aerial Photos, Historical Maps, Height & LiDAR Data, Geology & Environmental Maps.





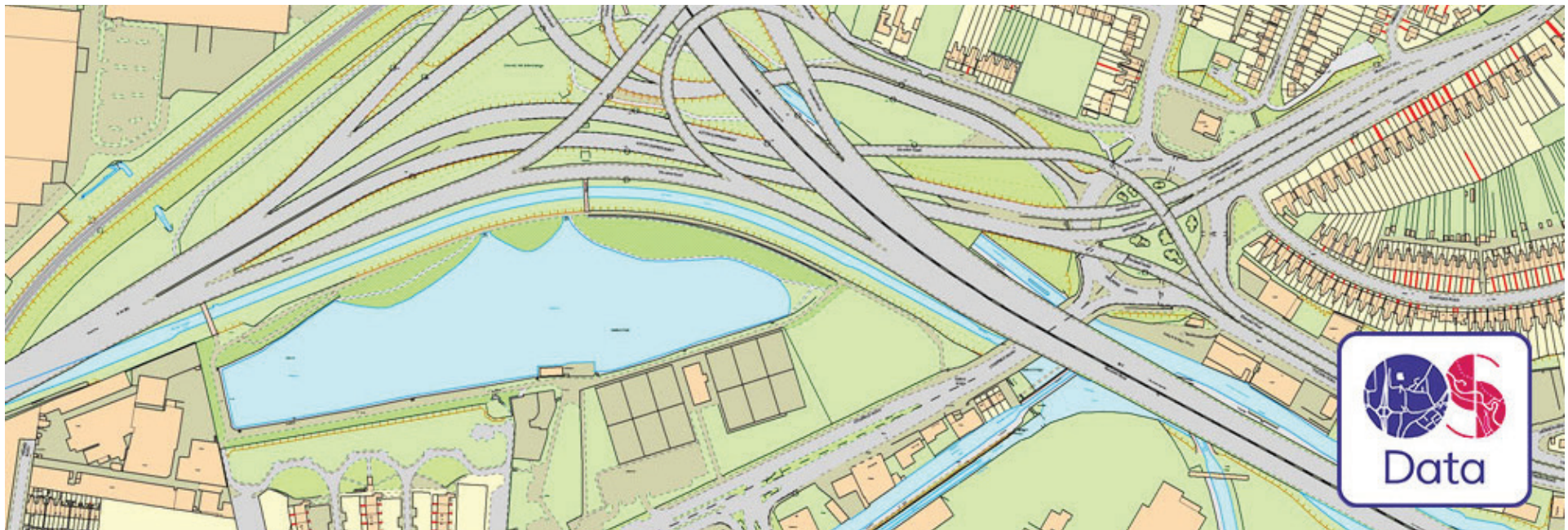
Mapping for planning applications, CAD drawings & Architectural projects.

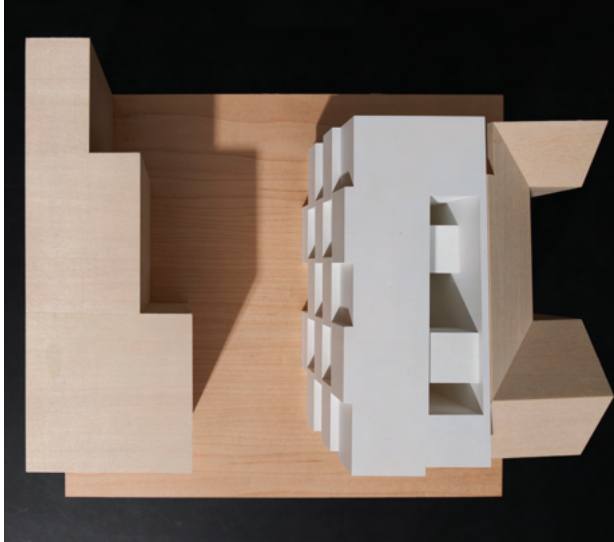
OS MasterMap is the most detailed & most up-to-date digital map of Great Britain.

OS MasterMap is a comprehensive large-scale map, detailing man-made and natural features. It is the approved mapping for planning applications and land registration.

You are able to download OS MasterMap as DWG for CAD applications or as colour / black & white PDF.

ORDNANCE SURVEY MASTERMAP





PHYSICAL MODELS

Beautifully handcrafted Architectural Physical Models that are a tangible physical representation of a structure.

Built to study aspects of an architectural design or to communicate design ideas. Depending on the purpose, models can be made from a variety of materials, including blocks, paper, and wood, and at a variety of scales.

Joanna James offer 3x types of Physical Model:

- 1. Conceptual** - High quality yet simplistic models. perfect for early design stages & concept demonstration.
- 2. Presentation** - Bring projects to life, with every scale detail represented.
- 3. Marketing** - Bespoke, purpose-orientated, architectural Physical Models, perfect for property showcasing.





DESKTOP UTILITY REPORTS

Understand underground utilities anywhere in the UK.

Underground Utility Reports collate maps & plans of Gas and oil pipelines, electricity cables, telecommunication wires, mains water supplies, sewers & fibre-optic cables.

The presence of utilities can have a significant effect on how a new development is planned.

At construction stage, it is essential that the location of utilities is known to enable work to be carried out safely and efficiently.

CAD work is a vital part to any project.

Joanna James can help clients in a number of ways, whether it be to take the strain during busy periods or simply help out with that part of the project allowing you to focuss on other areas.

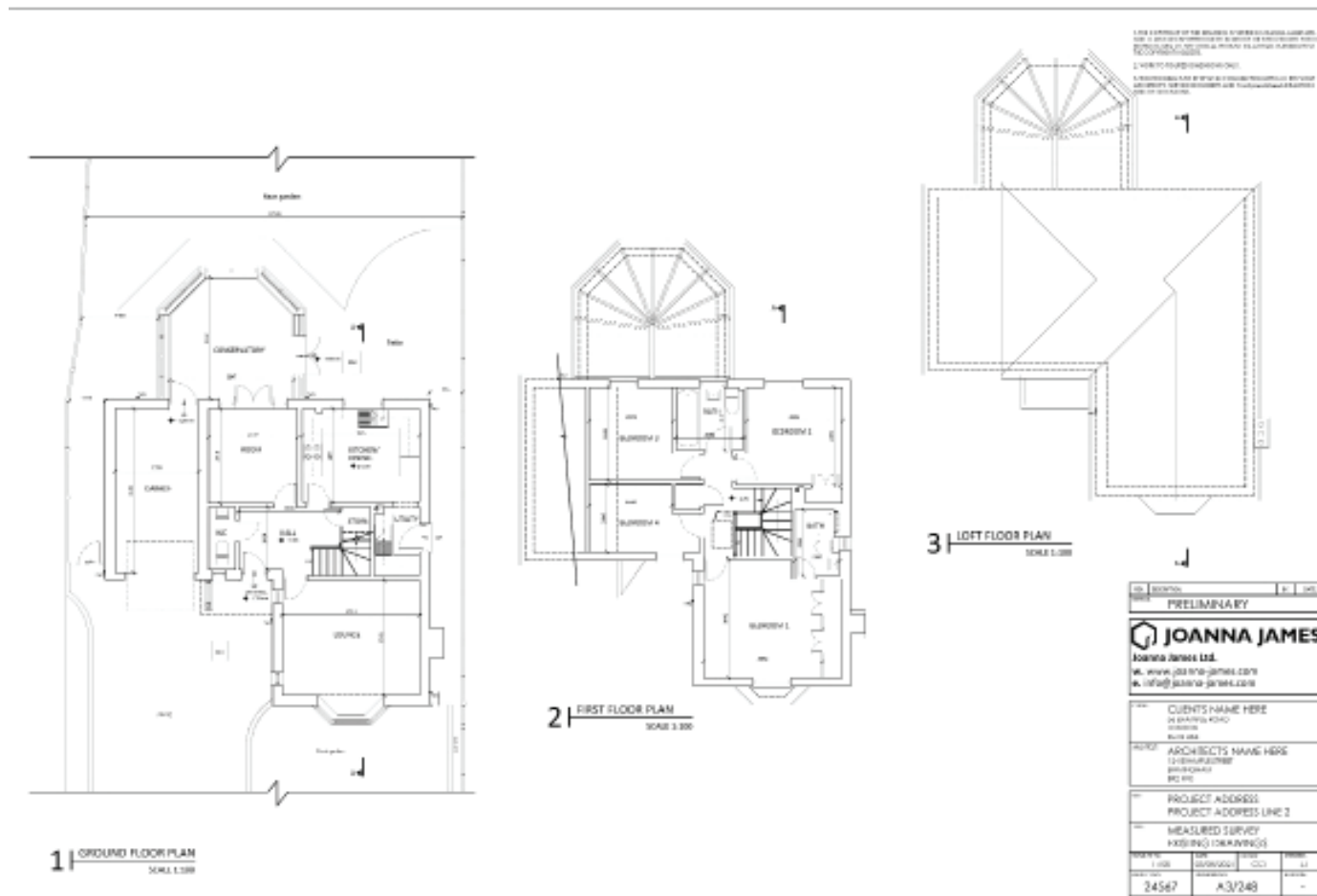
Services include:

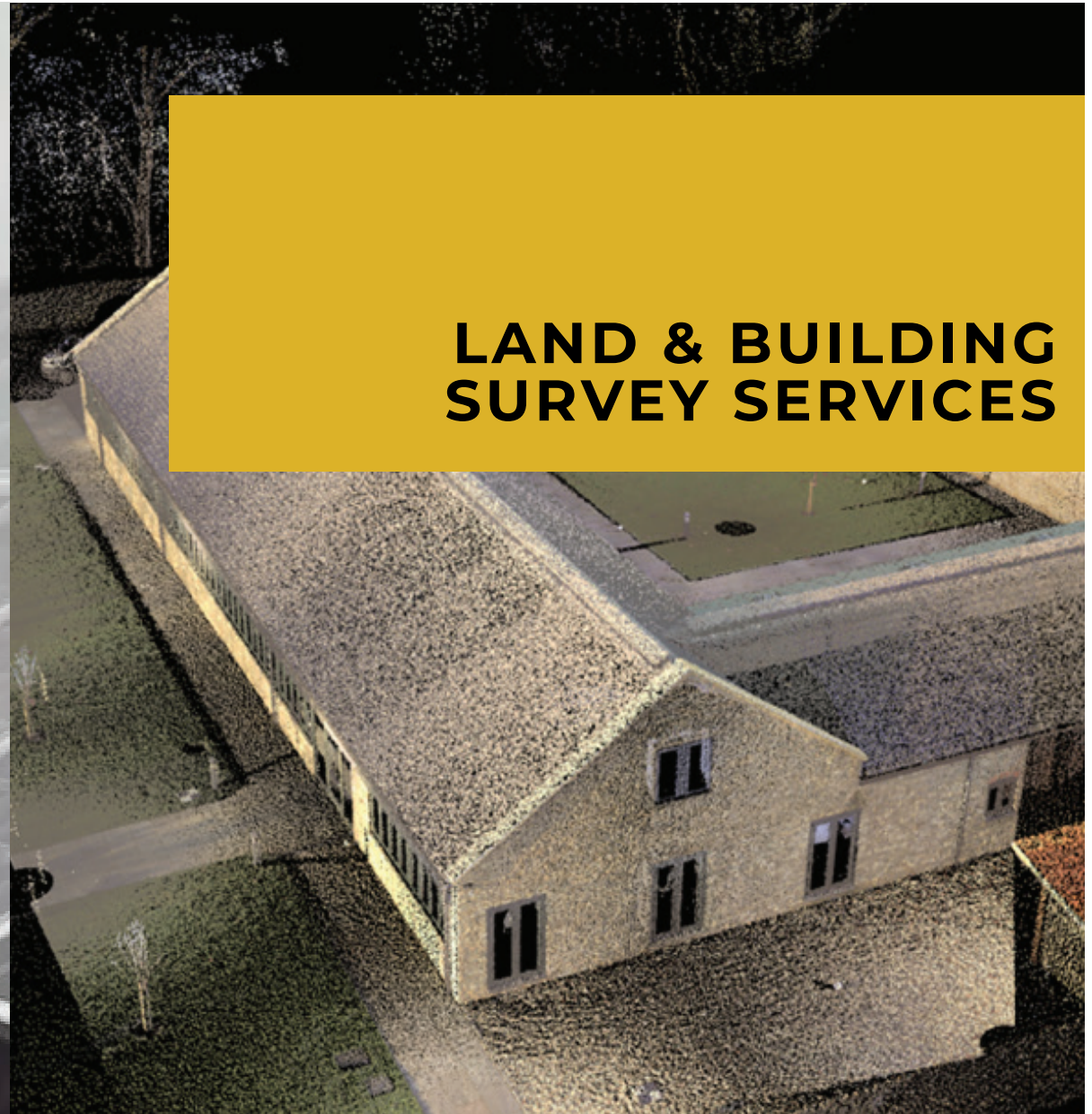
Measured Survey Digitisation - You measure we create the necessary CAD outputs from your drawings

Tracing - Old PDF drawings uplifted to CAD.

Building Regs Packs - taking planning drawings/ floor plans and bringing them up to standard for building control approval.

CAD SERVICES





Using a combination of drone-based photogrammetry and traditional ground-based survey methods, Joanna James can be commissioned to generate ultra-high resolution digital surface models, orthomosaic imagery and CAD feature extraction.

Photogrammetric mapping uses drone based imagery to triangulate a dense grid at 3D points across a site. When combined with cm-accurate RTK GPS, total station and laser scan data, ultra-accurate 3D feature extraction and elevation modelling can be rapidly performed.

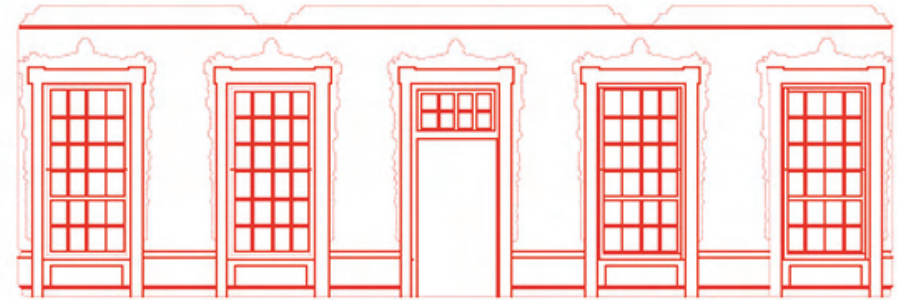
Joanna James can also undertake traditional lines of land and building survey work with familiar outputs.

- Topographical Survey
- Measured Building Surveys
- Building Sections & Elevations
- GPS
- Underground Utilities
- Drone Aerial Scanning

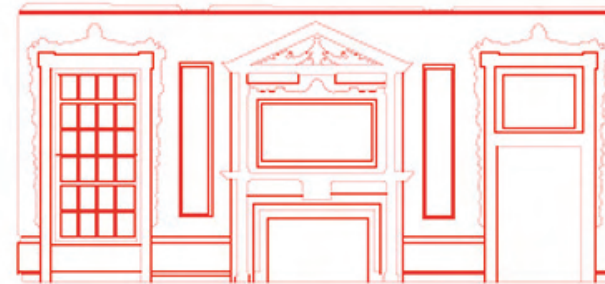


Room 6

North Wall



East Wall



South Wall



West Wall

CONTACT

joanna-james.com

info@joanna-james.com

01242 300108



THANK YOU.

JOANNA-JAMES.COM