

gleeds

REALITY  
CAPTURE



# We are Gleeds

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INDEPENDENT SINCE 1885

Gleeds is a global property and construction consultancy that has built its reputation on delivering award-winning projects around the world. We help businesses and investors achieve the best value from their assets by providing advice that is reassuringly free from conflict of interest. With over 130 years' experience, our impartial intelligence is key to helping clients realise their projects on budget, on time and to an exceptional quality.

## SPECIALISTS IN SURVEYING

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When it comes to efficiency in property and asset management, accurate information is key to making the best use of your value on investment. Our experienced surveyors collect and analyse data that helps clients make informed decisions on everything from building acquisition to legislative compliance.

### Our clients include:

- / Transport for London
- / St James Group
- / NHS Property Services
- / British Land
- / Girl's Day School Trust
- / National Trust for Scotland
- / UCL
- / Hawkins/Brown Architects
- / Leonard Design Architects



Successfully delivering

£180<sub>bn+</sub>

projects per annum

71 global offices

1900

employees worldwide



# Our services

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We are proud to offer a leading class service to our clients, built on independent thinking and lasting relationships with our partners. Throughout the construction project life cycle, we provide continuous support from the establishment of funding opportunities, the development of briefs, through to technical team appointments and management, together with the implementation, construction and delivery of projects.

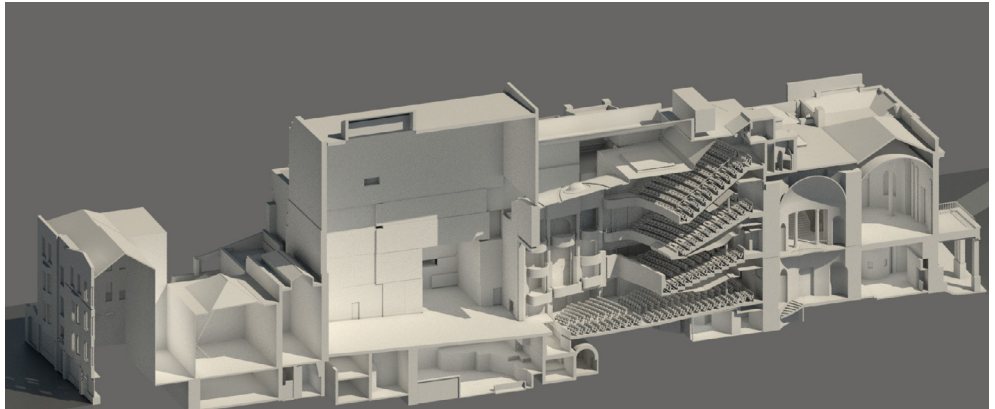
“Gleeds provided scan to BIM services on a highly complex and large scale project. The team worked professionally around the building occupiers to minimise disruption and the model they produced was exactly as per our brief. We would not hesitate to recommend them on any future projects.”

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**ANDREW TINDALE**  
HAWKINS/BROWN ARCHITECTS

## The new age of RealityCapture:

- / 3D Laser Scanning
- / Scan 2 BIM
- / Measured Building Surveys
- / Topographical Surveys
- / Revit / CAD Bureau



# RealityCapture



## MEASURED BUILDING SURVEYS

In accordance with RICS regulation, we provide highly accurate measurements to the top level of professional practice. We use the latest survey equipment to enable our highly trained surveyors to capture accuracy in 2D and 3D formats.

We provide accurate 3D and 2D:

- Floor plans
- Elevations
- Sections
- Roof plans
- Reflected ceiling plans
- Survey models

## LASER SCAN TO BIM

3D laser scanning enables rapid data collection in a non-intrusive nature. We then build a digital twin of your asset that unlocks value at every stage of the building's lifecycle in time and cost through a collaborative, cloud based approach.

Laser scan to BIM offers:

- Non-intrusive data collection
- Accurate scan to 3mm accuracy
- Architectural and structural clarity
- Optimised to LOD 100-400
- BIM ready 3D Revit models
- 2D CAD extraction

## TOPOGRAPHIC SURVEYS

In order to minimise risk at the design and planning stages of a project, we provide accurate representation for both natural and man-made features within greenfield and brownfield sites using the latest measurement technology.

Topographic surveys provide:

- GPS control networks
- 2D & 3D topographical surveys
- Digital terrain models
- Mobile mapping
- Infrastructure surveys
- Deformation Monitoring

# Theatre Royal on Drury Lane

LONDON, UK

3D Laser Scan / BIM Ready Model / Tailored for M&E Refit





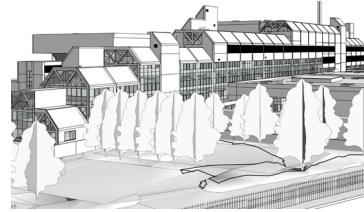
# UCL Eastman Dental Hospital



LONDON, UK

While this Grade-I listed building was fully operational, RealityCaputre enabled fast, non-intrusive data collection for both internal and external measured surveys. We delivered a fully co-ordinated dataset with 3D laser scans and a level 2 BIM ready model. All of which helped to efficiently transform this building into a new world-class neurology centre.

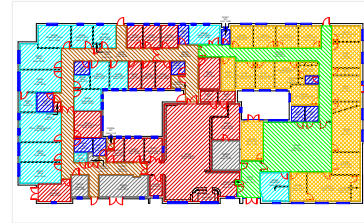
External Drone Survey / 3D Laser scan / BIM Ready Model



## Printworks

LONDON, UK

Drone Survey / 3D Scan to BIM (Int/Ext)



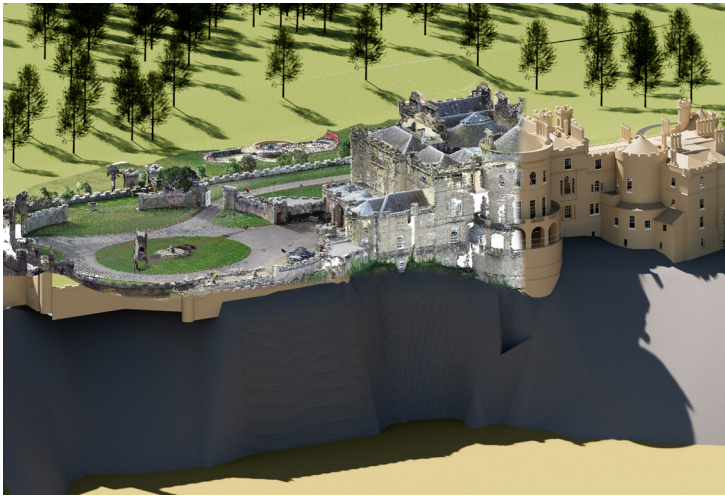
## NHS Property Services

NATIONWIDE, UK

/ Space Utilisation Programme



Image courtesy of Hawkins\Brown Architects



# Culzean Castle

AYRSHIRE, UK

Overlooking the Firth of Clyde, the National Trust of Scotland instructed Gleeds to carry out an extensive GPS ground control survey for Culzean Castle and produce a BIM ready model fit for facilities management.

Despite the North-Western elevation being cliff-side, our latest drone technology enabled us to capture data to millimetre accuracy across the entire site throughout all levels of detail.

External Drone Survey / 3D Laser Scan / BIM Ready Model



# Royal College of Surgeons

LONDON, UK

After a major post-war redevelopment of their 'Barry' designed Grade-II listed headquarters, maintenance costs began to spiral out of control. We provided a full laser scan survey and 3D BIM ready model, allowing the design team a head start on conceptual plans to retain the historic façade, and value engineer the rest of the site into modern day. All without disrupting any usual running operations of the building.

3D Laser Scan / Post Strip Verification Survey / Retention Programme



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