calfordseaden is a leading multi-disciplinary construction consultancy, with award-winning projects spanning the residential, commercial, educational, retail, mixed use and healthcare sectors.

Since establishing our trading history over 75 years ago, our core vision has remained consistent: to be the trusted provider of high-quality, cost-effective solutions that exceed our clients’ expectations.

Our multi-disciplinary arrangement provides clients with a truly multi-faceted offering, tailored to their objectives. In addition to BIM, we deliver professional services in architecture, building surveying, civil & structural engineering, clerk of works, employer’s agent, health & safety, mechanical & electrical engineering, party wall & neighbourly matters advice, project management, quantity surveying, rights of light and sustainability.

Through our complementary and mutually supportive competencies, we offer an integrated service through our six offices, located in Birmingham, Cambridge, London, Orpington, Southend-on-Sea and Winchester.

Alongside our PAS 1192 BIM Level 2 accreditation, our fully integrated management system has been certified to ISO 9001, ISO 14001, OSHAS 18001, andSSIP, demonstrating our commitment to exceptional quality, health & safety and nationally recognised benchmarks.
As a multi-disciplinary consultancy with BIM Level 2 accreditation, calfordsaden is perfectly placed to deliver a project’s full lifecycle utilising Building Information Modelling (BIM).

From training and consultancy through to design, construction and asset management, our BIM consultants are experts in the collaboration and coordination required to deliver successful projects.

Our BIM services are accredited by the BSI to PAS1192, providing clients with the assurance that we have the standards, procedures and infrastructure required to bring added value to every project.

**Specialisms**

- BIM Consultancy
- BIM Design & Analysis in Architecture, MEP, Structural & Civil Engineering
- Clash Detection
- Model Auditing & Management
- EIR (Employers Information Requirements) Development
- AIR (Asset Information Requirements) Management
- Visualisations
- Cost Management
- Programme Illustration
- Asset Management
Our reputation is built on providing a professional, reliable and tailored BIM service, from training and consultancy through to design, construction and asset management.

- Implement BIM on projects
- Develop BIM strategies
- Create bespoke documentation
- Clash detections and reports
- Ensure projects meet requirements and can be utilised for facilities management
- Rapid estimations from BIM Models
- Cost estimations, cost plans, and Bills of Quantities taken direct from the model
- More efficient and accurate quantity take-off and costing through use of BIM
- Level 2 design services in Architecture, MEP and Civil & Structural Engineering
- Detailed knowledge of BIM and definition levels required for each stage
- Design and produce models used for the full lifecycle of an asset
- Implement BIM for facilities management
- Create models of existing buildings
- Update asset information to required definition level for facilities management
- Upgrade 2D drawings to 3D environment
As one of the first consultancies in the UK to achieve the BSI PAS1192 accreditation, our experience of delivering BIM projects is second to none. Our project portfolio is diverse, ranging from existing Grade II Listed Embassy buildings, modelled using point cloud surveys, through to education, residential senior living and retail distribution schemes.

OUR EXPERIENCE

Clement House, Bracknell

TUNBRIDGE WELLS SPORTS PAVILION
Production of designs for a sports pavilion. The building facilities were designed to Sports England standards, and to enable flexibility of use.

PRENDERGAST SCHOOL, LONDON
Our BIM team helped identify constraints, opportunities and solutions within this primary school project, including clashes between structure, fabric and services.
DISTRIBUTION CENTRE, SOUTHAMPTON
The BIM processes for this 44,000sqm scheme resulted in detailed asset information which will be utilised for the full lifecycle of the building.

TECHNICAL COLLEGE
Delivery of a feasibility scheme for the conversion of part of an existing multi-storey car park to create a new technical college.

CLEMENT HOUSE, BRACKNELL
A finalist for BIM Project of the Year, this project saw calfordseaden construct innovative designs for a new extra care housing scheme in Bracknell.

MARKHAMS CHASE, BASILDON
Redevelopment of an existing car park and adjacent green space. Designs were provided for 3 terrace houses utilising materials to suit the local vernacular.
calfordseaden’s BIM team includes Information Managers, Technologists, Architects, Engineers, Surveyors and Construction Professionals, who are all passionate about BIM.

As part of a multi-disciplinary practice, our team members are experts in the collaboration and coordination required to deliver successful BIM projects and have the technical expertise required to understand how BIM can be utilised to deliver the appropriate added value to every project.

Jeremy Harrod BA (Hons) MRICS - Partner
Jeremy’s project delivery experience spans schemes with a small number of units, multi-site contracts with linked sites commissioned by a common client, and larger regeneration schemes. Jeremy is responsible for the implementation of BIM for calfordseaden’s surveying services.

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Dr Terry Keech BEng (Hons) PrD CEng MCIBSE MIEE MIE FRICS - Partner
Terry has spent 10 years in the role of Lead Designer, managing engineering design teams on the delivery of a wide range of BIM projects, including education and community schemes, all forms of housing, retail and commercial projects throughout the UK.

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Alex Burton BSc (Hons) MRICS - Partner
Alex leads the building surveying team in our Orpington office. He provides a range of services including the maintenance, repair, refurbishment and adaptation of a range of building types. Alex’s client base includes local authorities, registered providers, managing agents and developers.

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Steve Sands BA (Hons) Dip Arch RIBA - Partner
Steve is our Head of Architecture. His team works collaboratively to produce successful designs based on innovation, flexibility and sustainability. BIM projects have been delivered across all sectors, including education, residential and retail.

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Bob Terry BEng (Hons) CEng MIStructE - Partner
Bob heads up our Civil & Structural Engineering team. He has experience of delivery of Level 2 BIM projects across all major sectors. His knowledge encompasses new build and refurbishment schemes from small industrial units to large mixed use regeneration developments and Grade II listed buildings.

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Varun Soni BSc (Hons) BArch (Hons) - Associate & BIM Manager
With over 10 years’ experience in the use of BIM software, Varun has developed and implemented BIM Execution Plans, and coordinated BIM models for residential and public sector projects. His experience lies in architecture and the implementation of BIM within design, construction and facilities management.

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